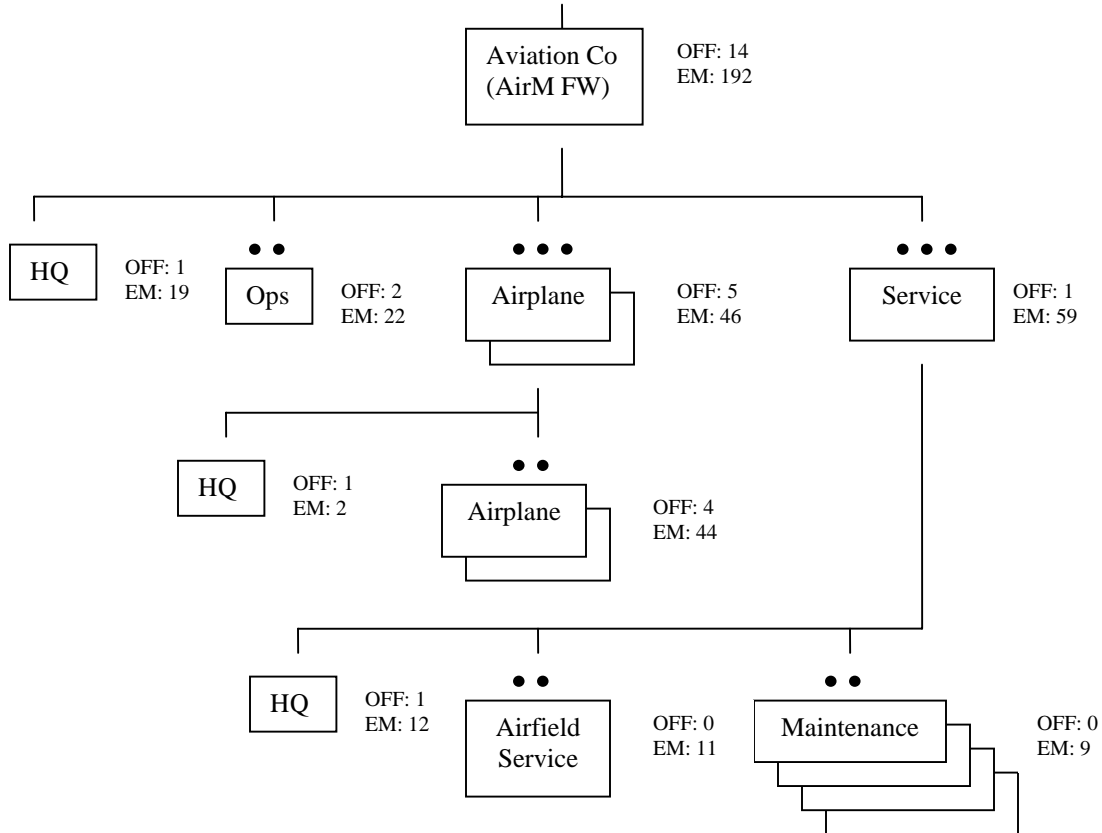


US Army Aviation Company (Airmobile – Fixed Wing), TOE 1-59D (27 March 1964)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Employment of CV-2B Company in Counterinsurgency Operations. Army Concept Team in Vietnam, 1965.



#	Weapons	#	Equipment

#	Vehicles	#	Aircraft
		16	CV-2B Caribou

Company Headquarters	
Company Commander	
First Sergeant	
Mess Steward	
Supply Sergeant (x2)	
Motor Sergeant	
Airplane Technical Inspector	
First Cook (x2)	
Armorer	
Company Clerk	

Cook (x2)	
Personnel Specialist	
Wheeled Vehicle Mechanic (x2)	
Cook's Helper	
Light Truck Driver	
Supply Clerk	
Wheeled Vehicle Mechanic's Helper	

Operations Section	
Flight Operations Officer	
Aviation Operations Officer	
Flight Operations Chief	
Communications Chief	
GCA Equipment Operator	
Senior Communications Power Operator	
Senior Flight Operations Specialist	
Senior Landing Communications Operator	
Senior Radio Mechanic	
Clerk Typist	
Control Tower Operator	
Flight Operations Specialist	
Landing Communications Operator (x2)	
? Radio Operator (x2)	
Senior Switchboard Operator	
Flight Operations Helper	
Light Truck Driver	
Switchboard Operator	
Wireman	

Airplane Platoon HQ (x2)	
Platoon Commander	
Platoon Sergeant	
Light Truck Driver	

Airplane Section (x4)	4 CV-2B Caribou
Section Commander	
Airplane Pilot (x7)	
Flight Engineer (x4)	

Service Platoon HQ	
Platoon Commander	
Platoon Sergeant	
Senior Aircraft Parts Specialist	
Aircraft Parts Specialist (x2)	
Aviation Electrical Equipment Mechanic	

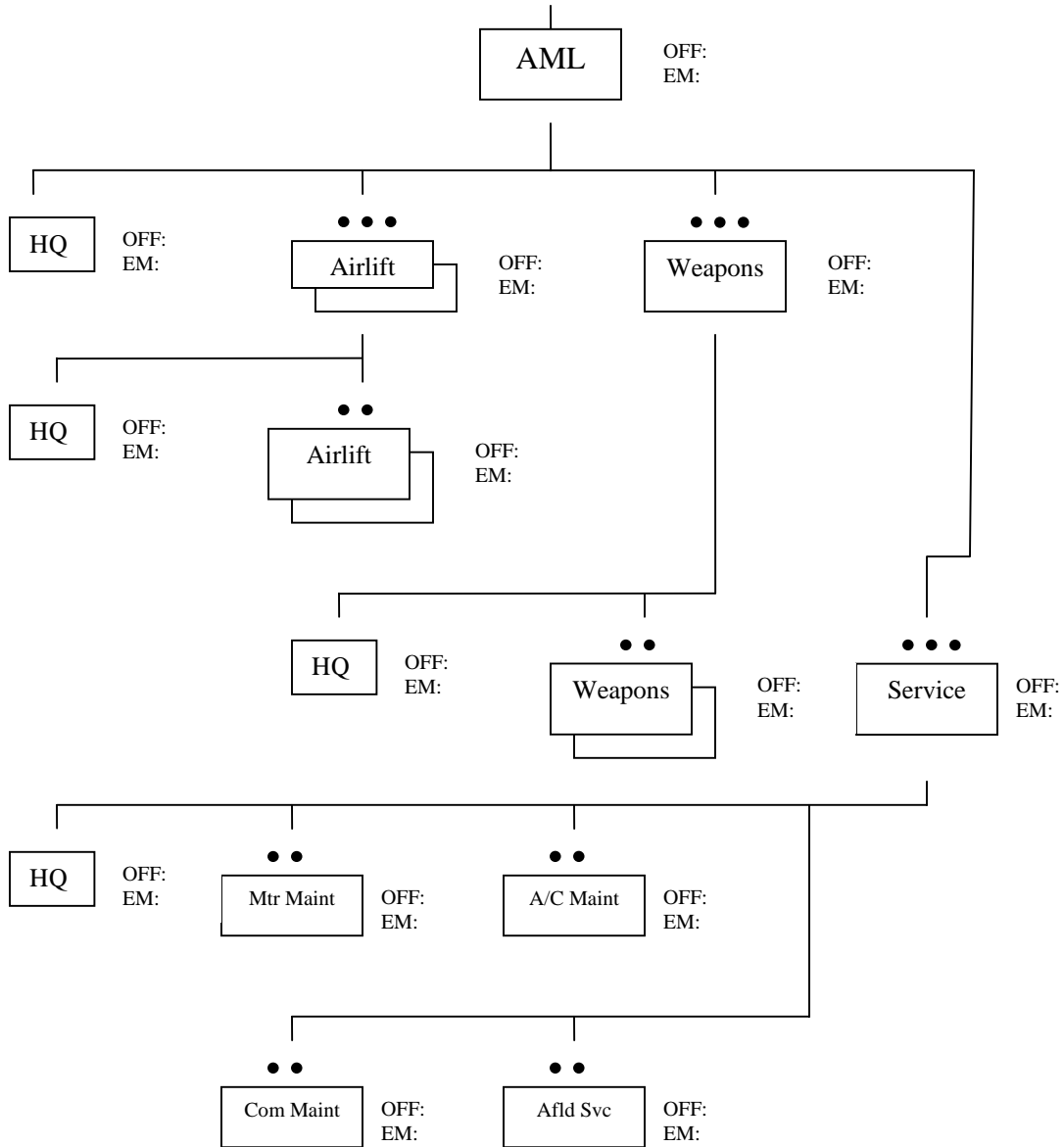
Clerk Typist	
Wrecker Operator	
Light Truck Driver	
Records Clerk	
Supply Clerk (x2)	

Airfield Service Section	
Section Chief	
Crash Rescue Specialist (x3)	
Heavy Truck Driver	
Powerman	
Aircraft Fuels Handler Specialist (x5)	

Maintenance Section (x4)	
Maintenance Supervisor	
Senior Airplane Mechanic (x3)	
Airplane Mechanic (x3)	
Airplane Mechanic's Helper (x2)	

US Army Aviation Company (Airmobile - Light), TOE 1-77E (25 July 1964)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Airmobile Company in Counterinsurgency Operations. Army Concept Team in Vietnam, 1964.



#	Weapons	#	Equipment
8	XM6E3 Armament Subsystem w/ 2x 8-tube 2.75" rocket arrangement		
8	XM3 Armament Subsystem		

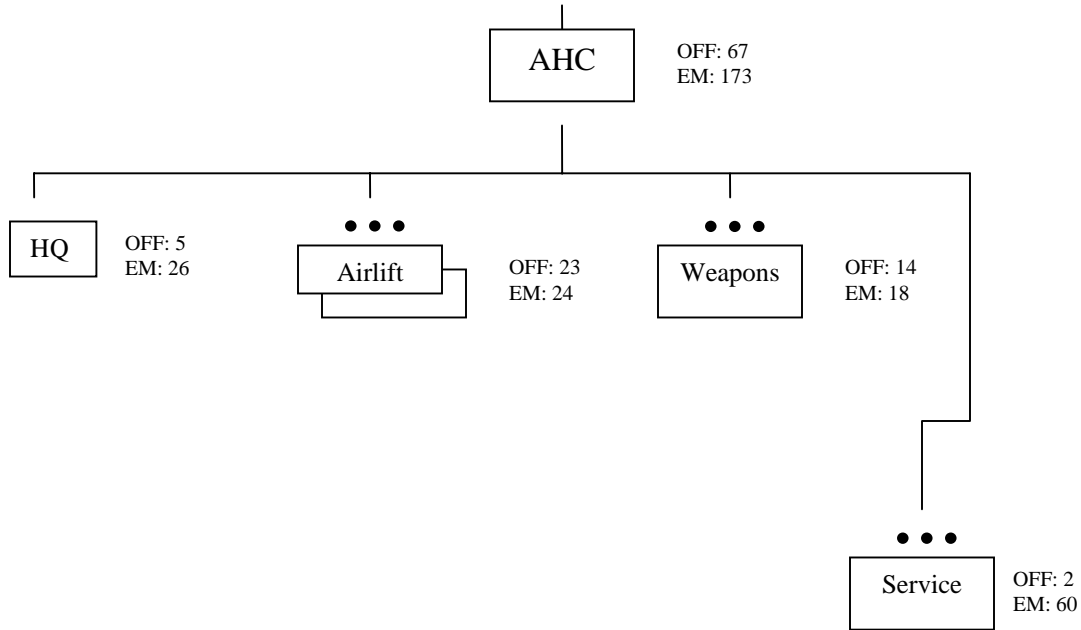
#	Vehicles	#	Aircraft
		25	UH-1B Iroquois

Company Headquarters	
Airlift Platoon HQ (x2)	
Airlift Section (x4)	4 UH-1B Iroquois
Weapons Platoon HQ	
Weapons Section (x2)	4 UH-1B Iroquois
Service Platoon HQ	UH-1B Iroquois
Motor Maintenance Section	
Aircraft Maintenance Section	
Commo Maintenance Section	
Airfield Service Section	

NOTES: This TOE is based on the information provided for the 114th, 118th, and 119th Airmobile Light Companies. As with other helicopter TOEs, there were also additional units attached including medical and signals detachments and a gunner platoon. The weapons platoon for the TOE was authorized the M3 and M6 armament subsystem, but even by the time of the source's evaluation these had been augmented with locally fabricated 2.75" rocket arrangements. The ratio of subsystems was left to company commanders, with enough systems authorized for fielding entire weapons platoons of one or the other. TOE 1-77 was later renamed Assault Helicopter Company, Aviation Battalion, Infantry Division, or Separate Assault Helicopter Company.

US Army Assault Helicopter Company, Aviation Battalion, Infantry Division, or Separate Assault Helicopter Company, MTOE 1-77G (10 November 1966)

Source: United States Government. 117th Assault Helicopter Company, 10th Aviation Battalion (Combat). History of the 117th Assault Helicopter Company (UH-1) (A), 1 January 1966 to 31 December 1966. 117th Assault Helicopter Company, 10th Aviation Battalion (Combat), Undated



#	Weapons	#	Equipment
6	M21 Armament Subsystem		
2	M3 Armament Subsystem		
2	M5 Armament Subsystem		

#	Vehicles	#	Aircraft
		23	UH-1D Iroquois
		8	UH-1C Iroquois

Company Headquarters	
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Airlift Platoon (x2)	11 UH-1D Iroquois
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Weapons Platoon	6 UH-1C w/ M21 Armament Subsystem, 2 UH-1C with M3 and M5 Armament Subsystem
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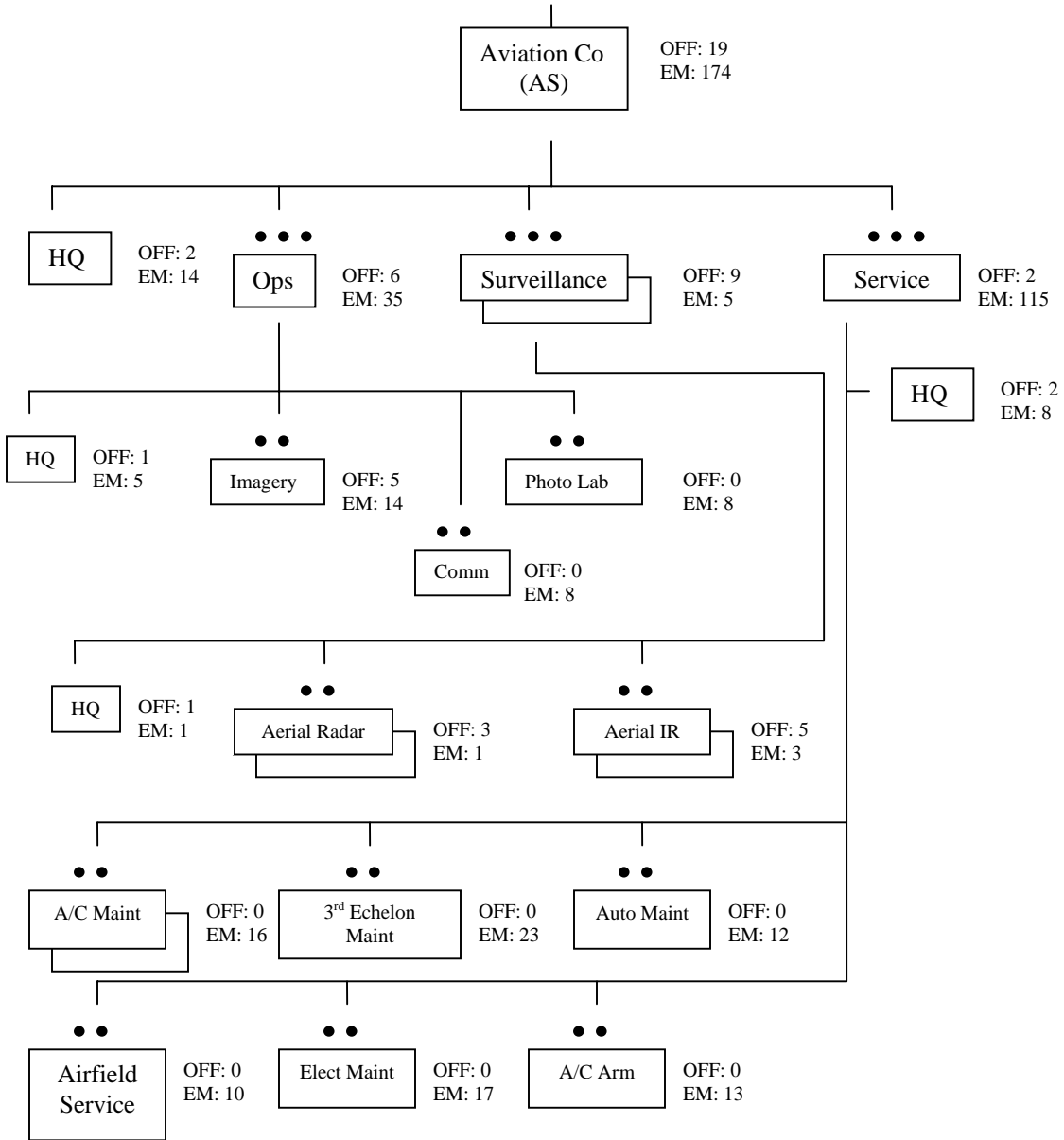
Service Platoon	UH-1D Iroquois
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NOTES: This MTOE is based on the information provided for the 117th Assault Helicopter Company. Initially the unit had only 8 UH-1D per Airlift Platoon, and UH-1B

instead of UH-1C gunships. The exact breakdown of the units is not known, but Airlift platoons were likely used either as a whole or in sections during lift operations, while gunships were probably operated in 2 ship sections (if other TOEs are anything to go by). Platoon HQs are not described in the source, but probably existed, as did other vehicles. As with other helicopter TOEs, the 117th also had other units attached, in this case the 140th Transportation Detachment (Cargo Helicopter Field Maintenance), 130th Medical Detachment (Organization Augmentation), 256th Signal Detachment, and the 22nd Quartermaster Detachment (POL).

US Army Aviation Company (Aerial Surveillance), MTOE 1-128T (9 February 1966)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Employment of US Army Aviation Company (Aerial Surveillance) in Counterinsurgency Operations. Army Concept Team in Vietnam, 1966.



#	Weapons	#	Equipment
4	M60 LMG w/ Tripod		
4	M79 Grenade Launcher		
165	M14 Rifle		
?	M157/M159 7-Shot 2.75" Rocket Launcher		

?	M200 19-Shot 2.75" Rocket Launcher		
?	XM14 .50 Caliber Gun Pod		

#	Vehicles	#	Aircraft
4	M146 Shop Van Trailer	6	OV-1A Mohawk
10	M101 ¾ Ton Trailer	2	OV-1B Mohawk
20	M105 1 ½ Ton Trailer	4	OV-1C Mohawk
4	M149 1 ½ Ton Water Trailer		
10	M37 ¾ Ton Truck		
11	M36 2 ½ Ton Truck		
7	M36 2 ½ Ton Truck w/ Winch		
4	M49 2 ½ Ton Fuel Truck		
4	M151 ¼ Ton Truck		
2	M292 2 ½ Ton Expandable Van Truck		
1	M109 2 ½ Ton Shop Van Truck		
1	M62 5 Ton Wrecker		

Company Headquarters	
Company Commander, Major	
Executive Officer, Captain	
First Sergeant, E8	
Mess Steward, E6	
Supply Sergeant, E6	
First Cook, E5 (x3)	
Armorer, E4	
Company Clerk, E4	
Cook, E4 (x3)	
Cook's Helper, E3	
Light Truck Driver, E3	
Supply Clerk, E3	

Operations Platoon HQ	
Flight Operations Officer, Captain	
Flight Operations Chief, E7	
Senior Flight Operations Specialist, E4	
Flight Operations Specialist, E4 (x2)	
Flight Operations Helper, E3	

Imagery Interpretation Section	
Imagery Interpretation Officer, Captain	
Assistant Imagery Interpretation Officer, Lieutenant (x2)	
Imagery Interpretation Technician, Warrant Officer (x2)	

Section Sergeant, E7	
Imagery Interpretation Sergeant, E6 (x2)	
Imagery Interpreter, E5 (x8)	
Imagery Interpreter, E4 (x3)	

Photo Laboratory Section	
Photo Laboratory Supervisor, E6	
Senior Photo Laboratory Specialist, E5 (x2)	
Photo Laboratory Specialist, E4 (x4)	
Photo Laboratory Equipment Repairman, E4	

Communications Section	
Communications Chief, E5	
Radio TT Team Chief, E5	
Radio TT Operator, E4 (x2)	
Senior Wireman, E4	
Switchboard Operator, E4	
Wireman, E3 (x2)	

Surveillance Platoon HQ (x2)	
Platoon Commander, Captain	
Light Truck Driver, E3	

Aerial Radar Section (x4)	
Section Leader, Captain	
Fixed Wing Aviator, Lieutenant (x2)	
Aerial Sensor Operator, E5	

Aerial Infrared Section (x4)	
Section Leader, Captain	
Fixed Wing Aviator, Lieutenant (x4)	
Aerial Sensor Operator, E5 (x3)	

Service Platoon HQ	
Platoon Commander, Captain	
Airplane Maintenance Technician, Warrant Officer	
Platoon Sergeant, E7	
Airplane Technical Inspector, E6 (x2)	
Airplane Parts Specialist, E4 (x2)	
Shop Clerk, E4	
Signal Parts Specialist, E4	
Aircraft Supply Clerk, E3	

Aircraft Maintenance Section (x2)	
Section Chief, E6	
Crew Chief, E5 (x6)	
Senior Airplane Mechanic, E5 (x3)	
Airplane Mechanic, E4 (x4)	
Airplane Mechanic's Helper, E3 (x2)	

3rd Echelon Maintenance Section	
Repair Foreman, E7 (x2)	
Machinist, E5	
Senior Airplane Repairman, E5 (x2)	
Senior Aircraft Engine Repairman, E5	
Senior Propeller Repairman, E5	
Senior Electrical Repairman, E5	
Senior Airframe Repairman, E5	
Parachute Packer, E5	
Airplane Repairman, E4 (x2)	
Airplane Engine Repairman, E4 (x2)	
Electrical Repairman, E4 (x2)	
Parachute Packer, E4 (x2)	
Propeller Repairman, E4	
Airframe Repairman, E4 (x2)	
Hydraulic Systems Repairman, E4	
Aircraft Parts Specialist, E4	

Automotive Maintenance Section	
Section Chief, E6	
Senior Power Generator Specialist, E5	
Senior Wheeled Vehicle Mechanic, E5	
Ordnance Parts Specialist, E4	
Power Generator Specialist, E4 (x3)	
Wheeled Vehicle Mechanic, E4 (x2)	
Wrecker Operator, E4	
Wheeled Vehicle Mechanic's Helper, E3 (x2)	

Airfield Service Section	
Section Chief, E5	
Aircraft Fuel Handler Specialist, E4 (x6)	
Crash Rescue Specialist, E4 (x3)	

Electronics Maintenance Section	
Senior Air Sensor Repairman, E5	
Surveillance Photo Repairman, E5 (x4)	

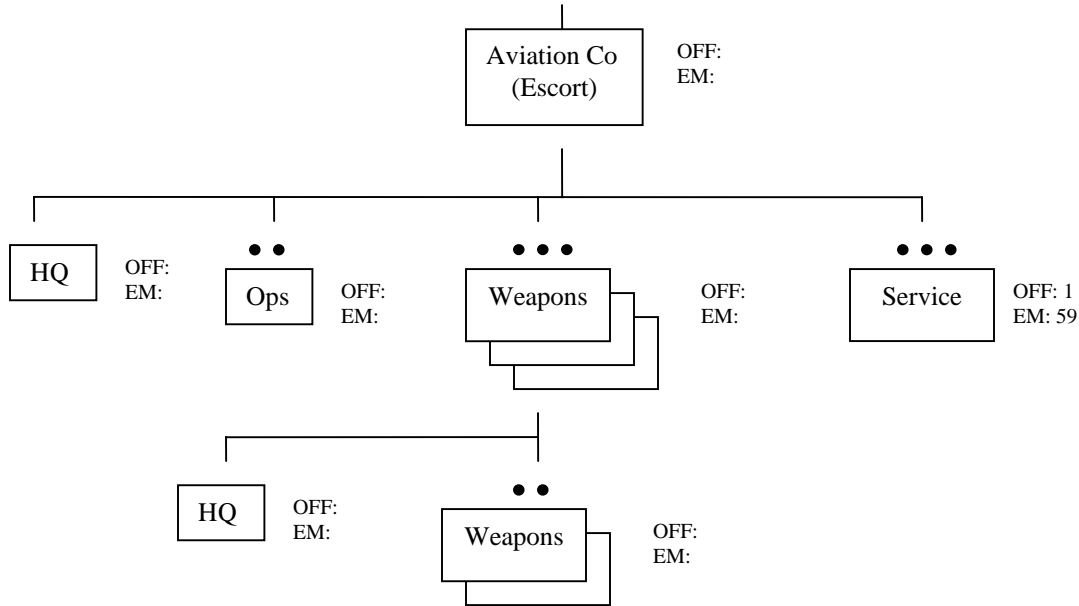
Aviation Electronic Equipment Repairman, E5 (x2)	
Aerial Sensor Mechanic (Infrared), E4 (x2)	
Aerial Sensor Mechanic (Side-Looking Radar), E4 (x2)	
Aviation Electronic Equipment Mechanic, E4 (x5)	
Radio Repairman, E4	

Aircraft Armaments Section	
Aircraft Armaments Supervisor, E6	
Senior Aircraft Armorer, E5 (x2)	
Aircraft Armorer, E4 (x6)	
Senior Ammo Storage Specialist, E6	
Ammo Storage Specialist, E4 (x3)	

NOTES: There organization chart in the source also shows a Parachute Maintenance Section in the Service Platoon, but the personnel listings do not cover it. Personnel totals here are for the TO&E less any personnel assigned to the Parachute Maintenance Section. The 73rd Aviation Company (AS), the first unit of this type deployed to Vietnam, and the one that was the subject of the source, was known to possess a number of 7- and 19-shot rocket pods (which at the time would have been of the M157/M159 and M200 types respectively) and XM14 gun pods, which were utilized on the OV-1A and OV-1C (sometimes referred to as JOV-1A and JOV-1C respectively). These weapons are not featured in the equipment list, likely a product of US Army/USAF infighting that led to offensive operations being officially suspended prior to 1966. However, armed Mohawks continued to be utilized for defensive “escort” missions.

US Army Aviation Company (Escort), TOE 1-157T (22 June 1965)

Source: United States Government. 361st Aviation Company (Escort), 52nd Aviation Battalion (Combat), 1st Aviation Brigade. History of the 361st Aviation Company (Escort), 52nd Aviation Battalion (Combat), 1st Aviation Brigade. Camp Holloway, Pleiku, South Vietnam: 361st Aviation Company (Escort), 52nd Aviation Battalion (Combat), 1st Aviation Brigade, 1968.



#	Weapons	#	Equipment
12	M21 Armament Subsystem		

#	Vehicles	#	Aircraft
		12	UH-1C Iroquois

Company Headquarters	
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Operations Section	
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Weapons Platoon HQ (x2)	
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Weapons Section (x6)	
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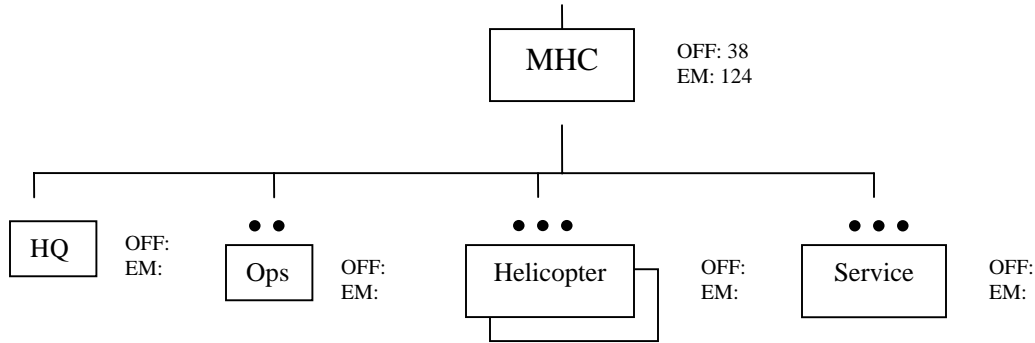
Service Platoon	
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NOTES: The 361st Aviation Company was the only company deployed to Vietnam with this TOE. Attached as a separate unit to the 52nd Aviation Battalion, 1st Aviation Brigade, the unit also had 665th Transportation Detachment (organized under TOE 55-500R) and the 621st Signal Detachment (organized under TOE 11-500D) in addition to the authorized service platoon. Neither of these units are described in detail in the

source. On 8 July 1968 the 361st began conversion from the UH-1C helicopter to the AH-1G helicopter, with the total number of helicopters (12) ultimately staying the same. Other vehicles were likely assigned, but are not described in detail in the company history, nor are specific personnel numbers for individual units. As of May 1966, the official title for this TOE had changed to Aerial Weapons Company, Assault Helicopter Battalion, Airmobile Division.

US Army Aviation Company (Medium Helicopter), TOE 1-258F (16 February 1965)

Source: United States Government. 178th Aviation Company (Medium Helicopter), 10th Aviation Battalion (Combat). History of the 178th Aviation Company (Medium Helicopter), 1 September 1965 to 31 December 1965. 178th Aviation Company (Medium Helicopter), 10th Aviation Battalion (Combat), Undated



#	Weapons	#	Equipment
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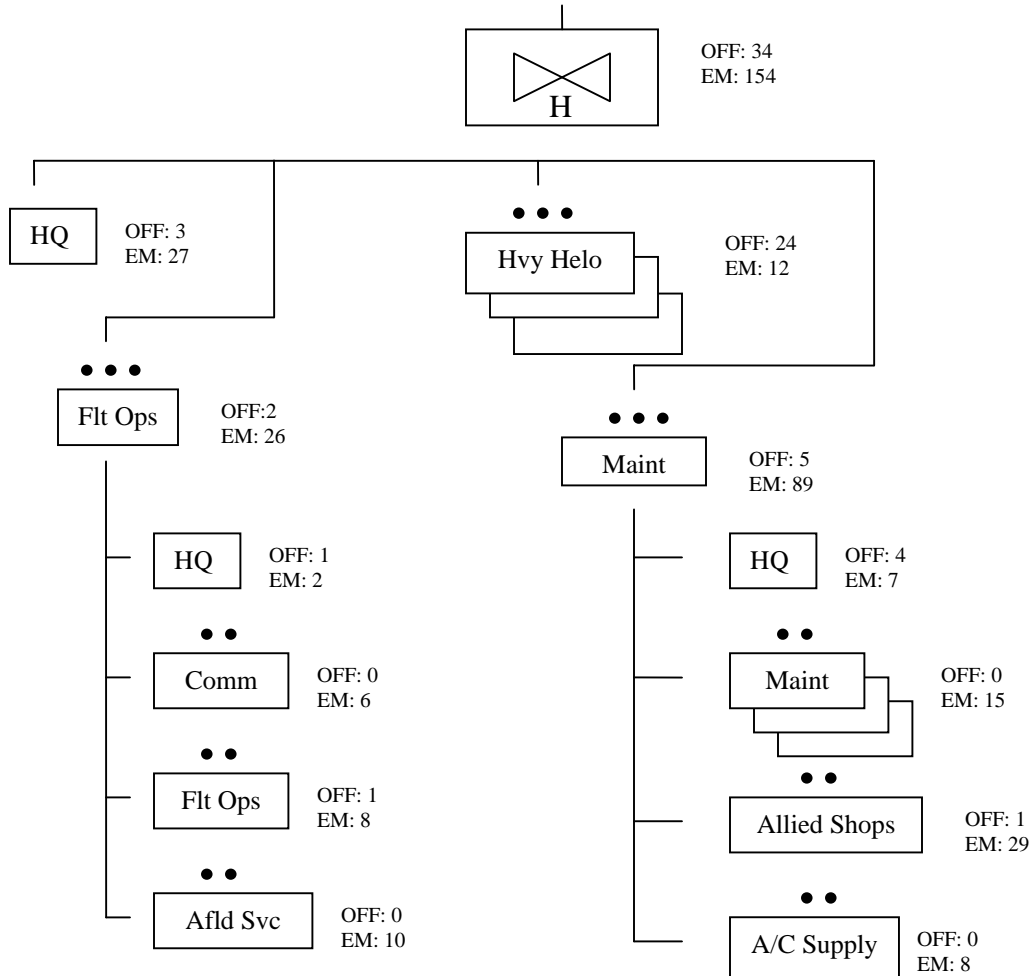
#	Vehicles	#	Aircraft
		16	CH-47B Chinook
		2	OH-13S Sioux

Company Headquarters	
Operations Section	
Helicopter Platoon (x2)	8 CH-47B Chinook
Service Platoon	

NOTES: This MTOE is based on the information provided for the 178th Medium Helicopter Company. The exact breakdown of the units is not known, but helicopter platoons were likely further broken down. Platoon HQs are not described in the source, but probably existed. This is also the case with other vehicles, of which 19 total are mentioned, though not in detail. As with other Helicopter TOEs, the 178th also had other units attached, in this case the 400th Transportation Detachment (Medium Helicopter Maintenance) and the 774th Medical Detachment. This TOE was later renamed to Separate Medium Helicopter Company or Medium Helicopter Company Type Aviation Battalion.

US Army Heavy Helicopter Company, MTOE 1-259G (23 June 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Final Report: Employment of the Aviation Heavy Helicopter Company (CH-54A Flying Crane). Army Concept Team in Vietnam, 1969.



#	Weapons	#	Equipment
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#	Vehicles	#	Aircraft
		9	CH-54A
		1	UH-1D

Company Headquarters	UH-1D
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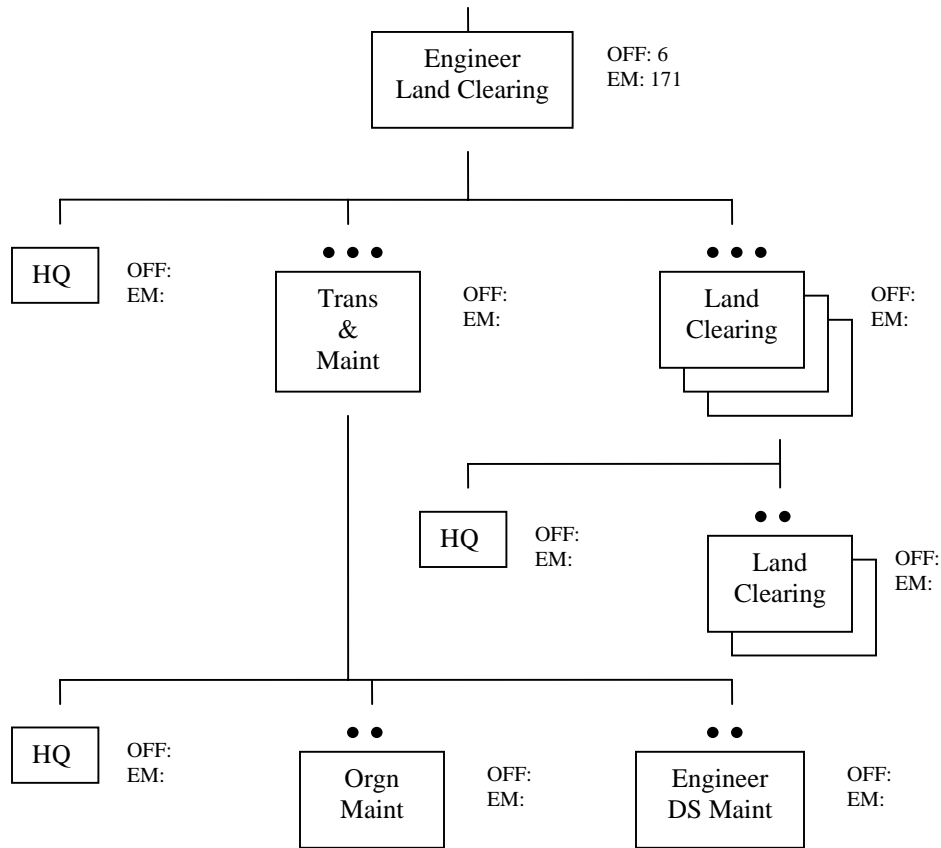
Flight Operations Platoon HQ	
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Communications Section	
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Flight Operations Section	
Airfield Service Section	
Heavy Helicopter Platoon (x3)	3 CH-54A Flying Crane
Platoon Commander	
Rotary Wing Aviator (x7)	
Flight Engineer (x3)	
General Clerk	
Maintenance Platoon HQ	
Maintenance Section (x3)	
Allied Shops Section	
Aircraft Supply Section	

US Army Engineer Land Clearing Company, TOE 5-87T (27 July 1970)

Source: United States Government. Headquarters, Department of the Army. FM 5-1, Engineer Troop Organizations and Operations. Washington, DC: Headquarters, Department of the Army, 1971.



#	Weapons	#	Equipment
12	M2HB HMG	30	Treedozer, Tractor Mounted, Hydraulic Operated, 10 Ft Cut
		3	Harrow, disc, Hydraulic Lift Control
		6	Saw, Chain, Gas Driven, 18 in
		3	Saw, Chain, Pneumatic Driven, 24 in

#	Vehicles	#	Aircraft
30	Tractor, Full Tracked, Medium DBP		
12	M548 6 ton utility carrier		
10	Truck, Tractor, 10 Ton		
10	Semitrailer, Low Bed, 25 Ton		
9	M35 2 ½ Ton Truck		
2	M37 ¾ Ton Truck		
2	Truck, Utility, 1 ¼ Ton		
1	Truck, Tractor, 5 Ton		
1	Truck, Wrecker, 5 Ton		

1	M578 Light Armored Recovery Vehicle		
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Company HQ	
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Transportation and Maintenance Platoon HQ	
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Organizational Maintenance Section	
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Engineer Direct Support Maintenance Section	
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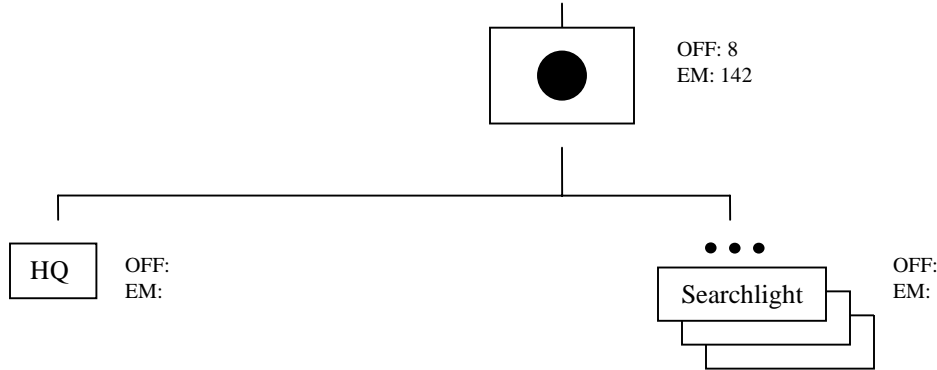
Land Clearing Platoon HQ (x3)	
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Land Clearing Section (x6)	5 Tractor, Full Tracked, Medium DBP
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NOTES: Tractor (bulldozer) allocation is based on total number and organization of the company. Some tractors could have been held in reserve. Standard with bulldozer blades, but the unit had enough Treedozer, Tractor Mounted, Hydraulic Operated, 10 Ft Cut (better known as the “Rome Plow”) for each vehicle, and could operate a mix based on the operational requirements.

US Army Artillery Battery (Searchlight), MTOE 6-558E (1 May 1970)

Source: United States Government. Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army. Operational Report of the 5th Battalion (AW) (SP), 2nd Artillery for the Period Ending 30 April 1970. Saigon, South Vietnam: Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army, 1970; Armstrong, William T. Btry B (SLT), 29th Artillery, Historical Summary, 1965-1967. 15 August 1998. 29th Field Artillery Regimental Home Pages. 13 April 2008. http://members.tripod.com/~msg_fisher/smry-1.html



#	Weapons	#	Equipment
		36	AN/MSS-3 Visible/IR Searchlight

#	Vehicles	#	Aircraft
36	1/4-Ton Truck		

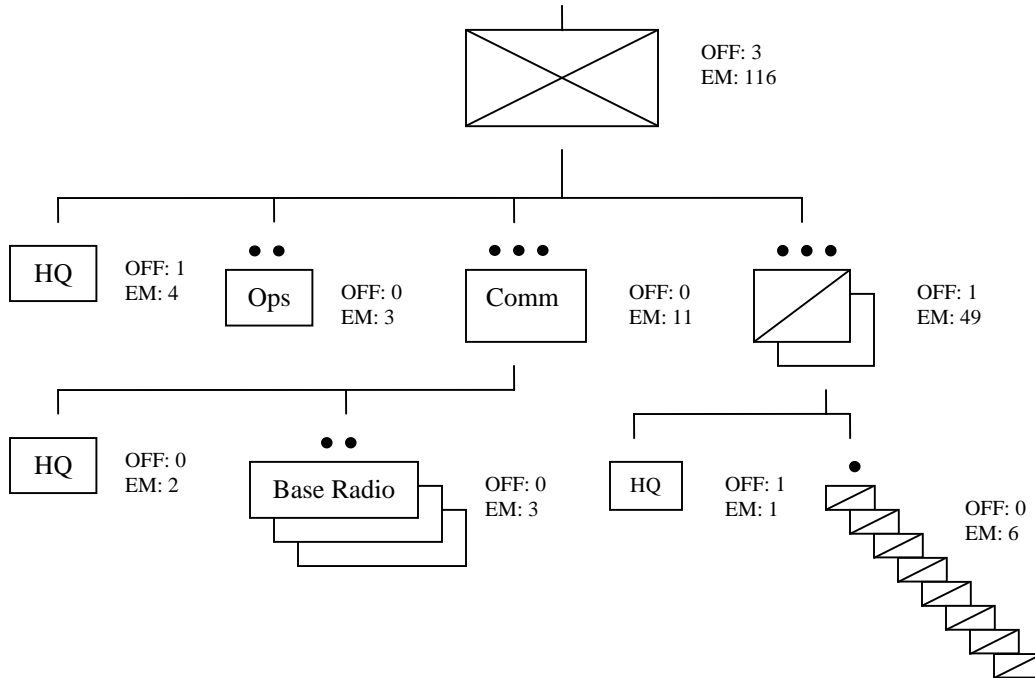
Searchlight Battery HQ	
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MG Platoon (x3)	12 AN/MSS-3 Visible/IR Searchlight, 12 1/4-Ton Truck
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NOTES: This TOE is based on that of Battery I, 29th Artillery, attached to 5th Battalion (Automatic Weapons, Self Propelled), 2nd Artillery. The sources do not mention a Battery HQ, but this was no doubt present. This division is included and assumed to be part of the TOE. No other vehicles are mentioned in the source, but were likely part of the TOE. The TOE number is provided by the second source, and the MTOE is dated 15 November 1967, making it likely that the organization noted in the first source was of a modified nature.

US Army Infantry Company (Ranger), TOE 7-157E (31 December 1969)

Source: White, Randy. TO&E for L Co. June 2001. 101st Airborne LRRP/Rangers of Vietnam. 22 March 2008. http://www.lcompanyranger.com/to_e.htm



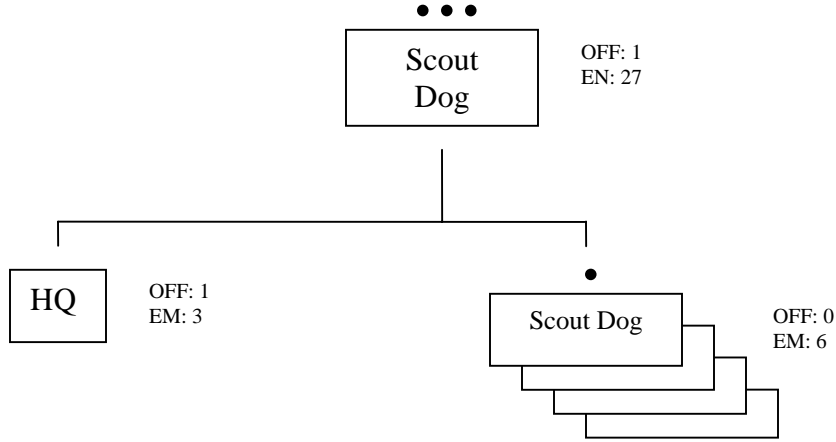
#	Weapons	#	Equipment
Company HQ			
	Unit Commander, Captain		
	First Sergeant		
	Supply Sergeant, Staff Sergeant		
	Company Clerk, E4		
Operations Section			
	Operations Sergeant, Sergeant First Class		
	Intelligence Sergeant, Staff Sergeant		
	Operations Specialist, E5		
Communications Platoon HQ			
	Section Sergeant, Sergeant First Class		
	Field Radio Repairman, E4		
Base Radio Section (x3)			
	Chief IS Radio Operator, Sergeant		
	IS Radio Operator, E4 (x2)		

Patrol Platoon HQ (x2)	
Platoon Leader, Lieutenant	
Platoon Sergeant, E7	

Patrol (x16)	
Patrol Leader, Staff Sergeant	
Radio Operator, E4 (x2)	
Senior Scout Observer, E4	
Scout Observer, Private First Class	
Assistant Patrol Leader, Sergeant	

US Army Infantry Platoon (Scout Dog), TOE 7-167G (April 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Final Report: 60th Infantry Platoon (Scout Dog) (Mine/Tunnel Detector Dog). Army Concept Team in Vietnam, 1969.



#	Weapons	#	Equipment
28	M1911A1 Pistol <i>or</i> M16A1 Rifle		

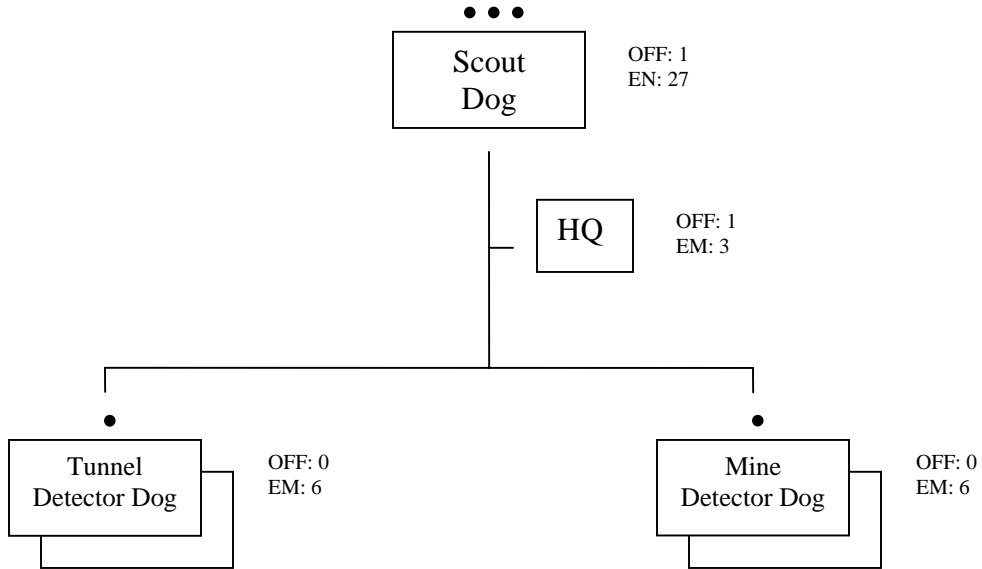
Platoon HQ	
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Scout Dog Squad (x4)	6 Scout Dog
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NOTES: The TOE is based on the modified one also mentioned in the source (see the following entry). It is likely that as with the one modified one mentioned in the source, that deployed units to Vietnam acquired M16s to supplement and/or replace their TOE approved pistols.

US Army Infantry Platoon (Scout Dog), MTOE 7-167G (April 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Final Report: 60th Infantry Platoon (Scout Dog) (Mine/Tunnel Detector Dog). Army Concept Team in Vietnam, 1969.



#	Weapons	#	Equipment
28	M1911A1 Pistol <i>or</i> M16A1 Rifle		

Platoon HQ	
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Tunnel Detector Dog Squad (x2)	6 Tunnel Detector Dog
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Mine Detector Dog Squad (x2)	6 Mine Detector Dog
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NOTES: The unit directly referenced in the source was the 60th Infantry Platoon (Scout Dog), which operated as an evaluation of a potential Tunnel/Mine Detector Dog variant to the platoon. This platoon was technically organized under the standard TOE, but was less vehicles standard to that TOE and therefore is listed as an MTOE. Furthermore, each member of the platoon was issued a pistol under the official TOE, but was noted in the source to have otherwise acquired M16A1 Rifles and used them instead, leading to the substitution noted above.

US Army Explosive Ordnance Disposal Detachment, TOE 9-520G (25 February 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. US Army Explosive Ordnance Disposal Detachment Operations in the Republic of Vietnam. Army Concept Team in Vietnam, 1972.

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EOD

OFF: 1
EN: 12

#	Weapons	#	Equipment
10	M1911A1 Pistol	4	AN/GRC-106 Radio
3	M14 Rifle		

#	Vehicles	#	Aircraft
2	¼ Ton Trailer		
1	¾ Ton Trailer		
2	1 ½ Ton Trailer		
1	¾ Ton 4x4 Truck		
1	2 ½ Ton 6x6 Truck		
1	2 ½ Ton 6x6 Telephone Maintenance Truck		
2	¼ Ton 4x4 Truck		
1	2 ½ Ton Expansibile Van Truck		

Explosive Ordnance Disposal Detachment	1 ¾ Ton 4x4 Truck w/ ¾ Ton Trailer and AN/GRC-106 Radio, 1 2 ½ Ton 6x6 Truck w/ 1 ½ Ton Trailer, 1 2 ½ Ton 6x6 Telephone Maintenance Truck, 2 ¼ Ton 4x4 Truck w/ ¼ Ton Trailer and AN/GRC-106 Radio, and 1 2 ½ Ton 6x6 Expansibile Van Truck w/ 1 ½ Ton Trailer and AN/GRC-106 Radio
Detachment Commander, Captain	
Senior EOD Supervisor, E-8	
EOD Supervisor, E-7	
EOD Sergeant, E-6 (x3)	
EOD Specialist, E-5 (x4)	
EOD Specialist, E-4 (x2)	
Clerk Typist, E-4 (x2)	

US Army Explosive Ordnance Disposal Detachment (Metropolitan), TOE 9-520GP502 P50171 (6 April 1971)

Source: United States Government. United States Army, Army Concept Team in Vietnam. US Army Explosive Ordnance Disposal Detachment Operations in the Republic of Vietnam. Army Concept Team in Vietnam, 1972.

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EOD

OFF: 1
EN: 9

#	Weapons	#	Equipment
9	M17 Revolver	10	AN/VRC-46 Radio
4	M16A1 Rifle		

#	Vehicles	#	Aircraft
2	¼ Ton Trailer		
1	¾ Ton 4x4 Truck		
4	¼ Ton 4x4 Truck		

Explosive Ordnance Disposal Detachment	2 ¼ Ton 4x4 Truck w/ ¼ Ton Trailer and 2 AN/VRC-46 Radio, 2 ¼ Ton 4x4 Truck w/ 2 AN/VRC-46 Radio, and 1 ¾ Ton 4x4 Truck
Detachment Commander, Captain	
Senior EOD Supervisor, E-8	
EOD Supervisor, E-7	
EOD Sergeant, E-6 (x2)	
EOD Specialist, E-5 (x2)	
EOD Specialist, E-4 (x2)	
Clerk Typist, E-4 (x2)	

NOTES: Between March and April 1971 the EOD Detachments in Vietnam not organized as part of the Ordnance Battalions in country were reorganized around a trio of MTOEs reflecting their roles. This is the MTOE for the EOD Detachments operating in metropolitan environments.

US Army Explosive Ordnance Disposal Detachment (Tactical), TOE 9-520GP503 P50171 (6 April 1971)

Source: United States Government. United States Army, Army Concept Team in Vietnam. US Army Explosive Ordnance Disposal Detachment Operations in the Republic of Vietnam. Army Concept Team in Vietnam, 1972.

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EOD

OFF: 1
EN: 9

#	Weapons	#	Equipment
3	M1911A1 Pistol	5	AN/VRC-46 Radio
7	M16A1 Rifle		

#	Vehicles	#	Aircraft
2	¼ Ton Trailer		
2	¾ Ton Trailer		
2	¾ Ton 4x4 Truck		
1	2 ½ Ton 6x6 Truck		
2	¼ Ton 4x4 Truck		

Explosive Ordnance Disposal Detachment	2 ¼ Ton 4x4 Truck w/ ¼ Ton Trailer and AN/VRC-46 Radio, 2 ¾ Ton 4x4 Truck w/ ¾ Ton Trailer and AN/VRC-46 Radio, and 1 2 ½ Ton Truck w/ AN/VRC-46 Radio
Detachment Commander, Captain	
Senior EOD Supervisor, E-8	
EOD Supervisor, E-7	
EOD Sergeant, E-6 (x2)	
EOD Specialist, E-5 (x2)	
EOD Specialist, E-4 (x2)	
Clerk Typist, E-4 (x2)	

NOTES: Between March and April 1971 the EOD Detachments in Vietnam not organized as part of the Ordnance Battalions in country were reorganized around a trio of MTOEs reflecting their roles. This is the MTOE for the EOD Detachments operating in tactical environments.

US Army Explosive Ordnance Disposal Control Detachment, TOE 9-520G (25 February 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. US Army Explosive Ordnance Disposal Detachment Operations in the Republic of Vietnam. Army Concept Team in Vietnam, 1972.

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EODC

OFF: 2
EN: 9

#	Weapons	#	Equipment
9	M1911A1 Pistol	4	AN/GRC-106 Radio
2	M14 Rifle		

#	Vehicles	#	Aircraft
2	¼ Ton Trailer		
1	¾ Ton Trailer		
2	1 ½ Ton Trailer		
1	¾ Ton 4x4 Truck		
1	2 ½ Ton 6x6 Truck		
2	¼ Ton 4x4 Truck		
1	2 ½ Ton 6x6 Expansibile Van Truck		

Explosive Ordnance Disposal Detachment	2 ¼ Ton 4x4 Truck w/ ¼ Ton Trailer and AN/GRC-106 Radio, 1 ¾ Ton 4x4 Truck w/ ¾ Ton Trailer and AN/GRC-106 Radio, 1 2 ½ Ton 6x6 Truck w/ 1 ½ Ton Trailer, and 1 2 ½ Ton 6x6 Expansibile Van Truck w/ 1 ½ Ton Trailer and AN/GRC-106 Radio
Detachment Commander, Major	
EOD Operations Officer, Captain	
EOD Operations Sergeant, E-9	
Senior EOD Supervisor, E-8	
EOD Supervisor, E-7	
EOD Sergeant, E-6 (x2)	
EOD Specialist, E-5 (x2)	
Clerk Typist, E-4 (x2)	

NOTES: While supposedly organized under the same TOE as Explosive Ordnance Disposal Detachment, TOE 9-520G according to the source, the operational command nature of this organization (533rd Ordnance Detachment) is seen to have resulted in a smaller and more administrative oriented organization than the field detachments mentioned in the same source.

US Army Explosive Ordnance Disposal Control Detachment, MTOE 9-520GP501 P50171 (24 March 1971)

Source: United States Government. United States Army, Army Concept Team in Vietnam. US Army Explosive Ordnance Disposal Detachment Operations in the Republic of Vietnam. Army Concept Team in Vietnam, 1972.

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EODC

OFF: 2
EN: 6

#	Weapons	#	Equipment
6	M1911A1 Pistol	2	AN/GRC-106 Radio
2	M16A1 Rifle	6	AN/VRC-46 Radio

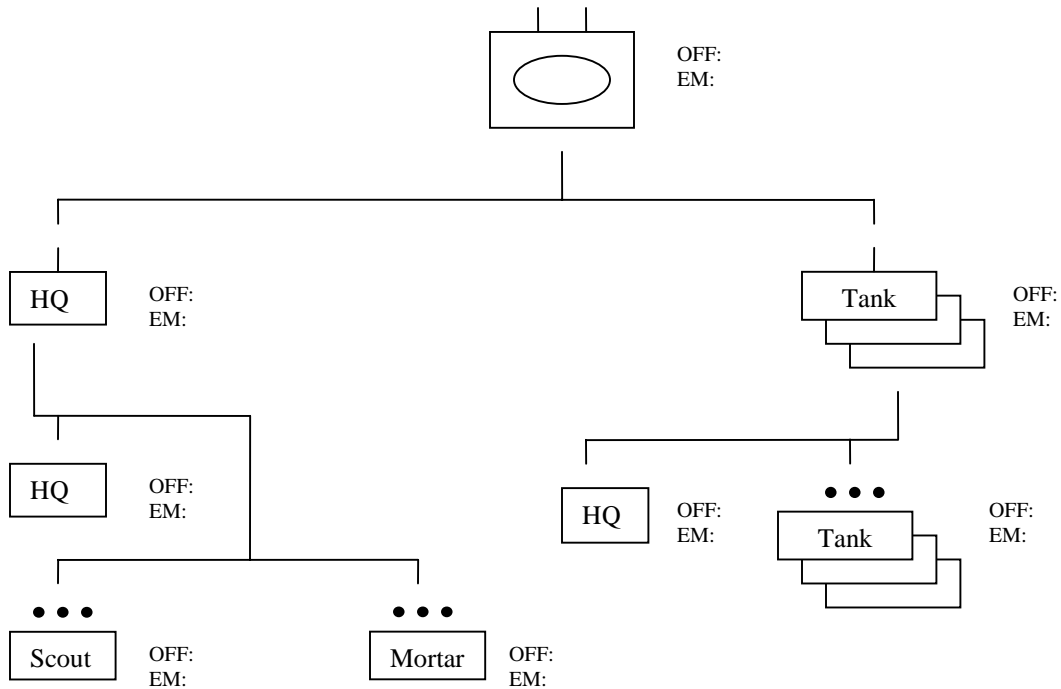
#	Vehicles	#	Aircraft
2	¼ Ton Trailer		
1	1 ½ Ton Trailer		
2	1 ½ Ton Trailer		
1	¾ Ton 4x4 Truck		
3	¼ Ton 4x4 Truck		
1	2 ½ Ton 6x6 Expansible Van Truck		

Explosive Ordnance Disposal Detachment	2 ¼ Ton Truck w/ ¼ Ton Trailer and AN/VRC-46 Radio, 1 ¼ Ton Truck w/ AN/VRC-46 Radio, 1 ¾ Ton Truck w/ AN/VRC-46 Radio, and 1 2 ½ Ton Expansible Van Truck w/ 1 ½ Ton Trailer and AN/VRC-46 Radio
Detachment Commander, Major	
EOD Operations Officer, Captain	
EOD Operations Sergeant, E-9	
Senior EOD Supervisor, E-8	
EOD Supervisor, E-7	
EOD Sergeant, E-6	
Clerk Typist, E-4 (x2)	

NOTES: Between March and April 1971 the EOD Detachments in Vietnam not organized as part of the Ordnance Battalions in country were reorganized around a trio of MTOEs reflecting their roles. This is the MTOE for the EOD Control Detachment.

US Army Tank Battalion, TOE 17-35E (1965-1972)

Source: Rottman, Gordon and Donald Spaulding. *Vietnam Armor in Action*. Hong Kong: Concord Publications, 2002



#	Weapons	#	Equipment
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#	Vehicles	#	Aircraft
54	M48A3 Tank		
10	M113A1 ACAV		
6	M577A1 Command Vehicle		
5	M88 Recovery Vehicle		
4	M106A1 Mortar Carrier		
3	M113A1 APC		
2	AVLB		

Tank Battalion HQ	3 M48A3 Tank, 2 M88 Recovery Vehicle, 6 M577A1 Command Vehicle, 2 AVLB
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Scout Platoon	10 M113A1 ACAV
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Mortar Platoon	4 M106A1 Mortar Carrier
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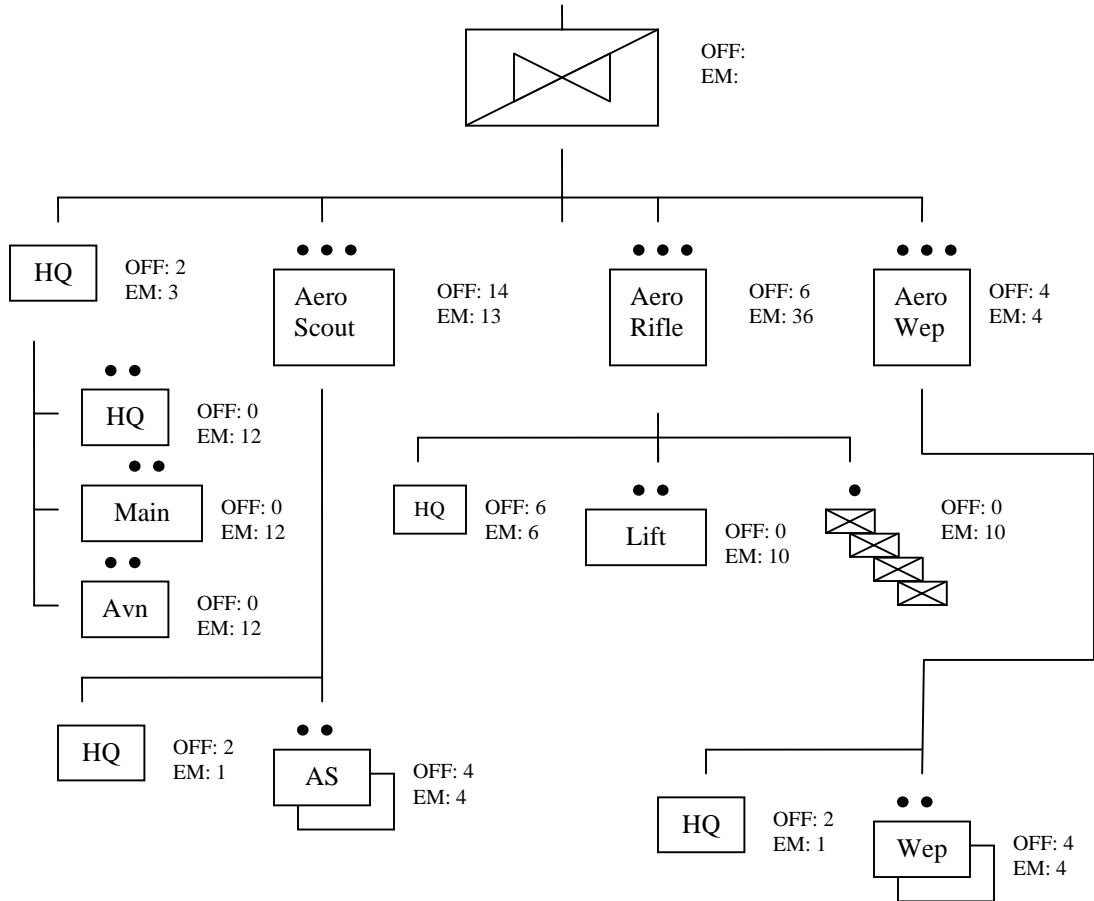
Tank Company HQ (x3)	2 M48A3 Tank, M88 Recovery Vehicle, M113A1 APC
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Tank Platoon (x9)	5 M48A3 Tank
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NOTES: According to the source, individual tank platoons were theoretically supposed to break into a 3-tank section under the platoon leader and a 2-tank section under the platoon sergeant, but commonly operated in task organizations, often supporting infantry. Also, the Armored Vehicle Launched Bridges (AVLB) were initially mounted on M48A2 chassis, but later versions were mounted on M60A1 chassis. The M60A1 AVLB and M728 Combat Engineer Vehicle (CEV) were the only two M60 based vehicles to be deployed to Vietnam.

US Army Air Cavalry Troop, Airmobile Division, TOE 17-98T (20 June 1969)

Source: Rottman, Gordon. *The US Army in the Vietnam War 1965-73*. Oxford, UK: Osprey Publishing, 2008; United States Government. Headquarters, Department of the Army. *FM 17-37, Air Cavalry Squadron*. Washington, DC: Headquarters, Department of the Army, 1969.



#	Weapons	#	Equipment
55	M17 Revolver	2	AN/PRC-47 Radio
45	M1911A1 Pistol	1	AN/VRC-47 Radio
36	M79 Grenade Launcher	5	AN/GRA-39 Radio
22	M16A1 Rifle	3	AN/VRC-46 Radio
7	XM23 Armament Kit	1	AN/GRC-106 Radio
10	XM27 Armament Kit	1	AN/GRA-74 Radio
10	XM28 Armament Kit	2	AN/VRC-49 Radio
40	XM159 Rocket Pod	1	AN/VRC-24 Radio
		1	AN/GRC-125 Radio
		18	AN/PRC-25 Radio
		27	AN/URC-10 Radio

#	Vehicles	#	Aircraft
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4	M151 ¼ Ton Truck	7	UH-1D
3	M37 ¾ Ton Truck	10	OH-6A
2	M274 Utility Vehicle	10	AH-1G
4	¼ Ton Trailer		
3	M101 ¾ Ton Trailer		

Troop HQ Section	M151 ¼ Ton Truck w/ AN/PRC-47, AN/VRC-47, and AN/GRA-39 Radios, M151 ¼ Ton Truck w/ AN/VRC-46, AN/GRC-106, AN/GRA-39, and AN/GRA-74 Radios, M151 ¼ Ton Truck w/ AN/VRC-46 and AN/GRA-39 Radios, M37 ¾ Ton Truck w/ AN/GRA-39, AN/PRC-47, AN/VRC-49, AN/VRC-24, and AN/GRC-125 Radios, M274 Utility Vehicle, 3 ¼ Ton Trailer, 2-Wheel, M101 ¾ Ton Trailer
Commander, Major	M17 Revolver
Driver, E3 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Executive Officer, Captain	M17 Revolver
First Sergeant, E8	M1911A1 Pistol
Senior Radio Operator/Driver, E4	M16A1 Rifle
Line Officer, Lieutenant	M17 Revolver
Line Sergeant/Driver, E5	M16A1 Rifle
Operations Officer, Captain	M17 Revolver
Flight Operations Sergeant, E7	M1911A1 Pistol
Communications Chief, E5	M79 Grenade Launcher, M1911A1 Pistol
RATT TM Chief, E5	M79 Grenade Launcher, M1911A1 Pistol
Radio Operator, E3 (x2)	M16A1 Rifle
Support Sergeant/Driver, E6	M16A1 Rifle
Support Specialist, E4	M16A1 Rifle
Troop Clerk, E4	M16A1 Rifle
Operations Clerk, E4	M16A1 Rifle

Aviation Section	UH-1D w/ AN/PRC-25, AN/VRC-49 and AN/URC-10 Radios and XM23 Armament Kit, UH-1D w/ AN/URC-10 Radio w/ XM23 Armament Kit
Maintenance Officer, Lieutenant	M17 Revolver
Crew Chief, E5 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Pilot, Warrant Officer	M17 Revolver

Maintenance Section	M151 ¼ Ton Truck w/ AN/VRC-46 and AN/GRC-39 Radio, 3 M37 ¾ Ton Truck,
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	M274 Utility Vehicle, ¼ Ton Trailer, 3 M101 ¾ Ton Trailer
Section Chief, Warrant Officer	M17 Revolver
Driver, E3	M79 Grenade Launcher, M1911A1 Pistol
Maintenance Supervisor, E7	M1911A1 Pistol
Senior Aircraft Armorer, E5	M79 Grenade Launcher, M1911A1 Pistol
Helicopter Mechanic, E5	M1911A1 Pistol
Records Clerk/Driver, E4	M79 Grenade Launcher, M1911A1 Pistol
Technical Inspector, E6 (x2)	M1911A1 Pistol
Helicopter Mechanic, E5 (x2)	M1911A1 Pistol
Aircraft Armorer, E4 (x2)	M1911A1 Pistol
Avionics Mechanic, E4	M79 Grenade Launcher, M1911A1 Pistol
Wheel Vehicle Mechanic/Driver, E4	M16A1 Rifle
Parts Specialist/Driver, E4	M16A1 Rifle

Aero-Scout Platoon HQ	OH-6A w/ 2 AN/PRC-25 and AN/URC-10 Radios and XM27 Armament Kit, OH-6A w/ AN/URC-10 Radio and XM27 Armament Kit
Platoon Commander, Captain	M17 Revolver
Platoon Sergeant, E7	M16A1 Rifle
Crew Chief (x2)	M79 Grenade Launcher, M1911A1 Pistol

Aero-Scout Section (Light) (x2)	2 OH-6A w/ AN/PRC-25 and AN/URC-10 Radios and XM27 Armament Kit, 2 OH-6A w/ AN/URC-10 Radio and XM27 Armament Kit
Section Leader, Lieutenant	M17 Revolver
Team Leader, Lieutenant	M17 Revolver
Scout Observer, E6	M17 Revolver
Scout Observer, E5 (x3)	M17 Revolver
Crew Chief, E5 (x3)	M79 Grenade Launcher, M1911A1 Pistol

Aero Rifle Platoon HQ	
Platoon Leader, Captain	M17 Revolver
Platoon Sergeant, E7	M16A1 Rifle
Radio Telephone Operator, E3 (x2)	M16A1 Rifle, AN/PRC-25

Aero-Rifle Lift Section	UH-1D w/ AN/URC-10 and AN/PRC-25 Radios and XM23 Armament Kit, 4 UH-1D w/ AN/URC-10 Radio and XM23 Armament Kit
Section Leader, Lieutenant	M17 Revolver
Helicopter Pilot, Warrant Officer (x3)	M17 Revolver
Crew Chief, E5 (x2)	M79 Grenade Launcher, M1911A1 Pistol

Aero-Rifle Squad (x4)	
Squad Leader, E6	M16A1 Rifle
Team Leader, E5 (x2)	M16A1 Rifle
Grenadier, E4 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Automatic Rifleman, E3 (x2)	M16A1 Rifle
Rifleman, E3 (x2)	M16A1 Rifle

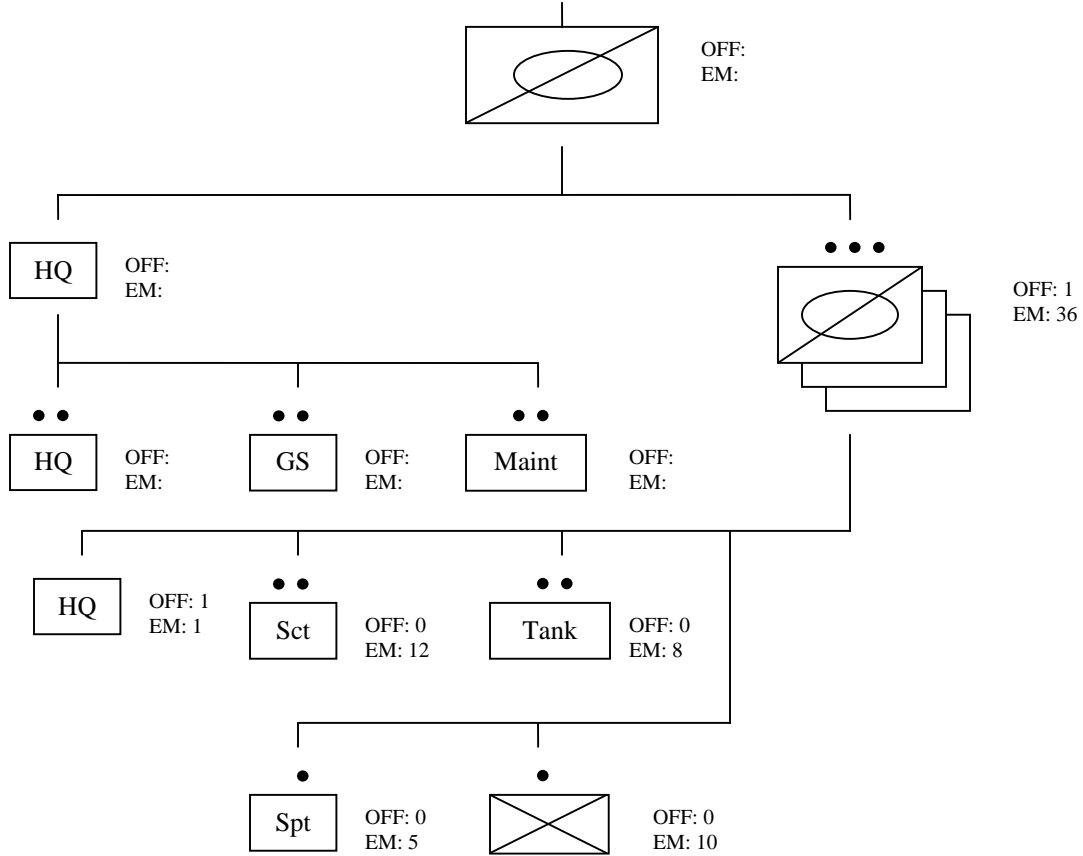
Aero-Weapons Platoon HQ	AH-1G w/ AN/URC-10 and AN/PRC-25 Radio and XM28 Armament Kit, AH-1G w/ AN/URC-10 Radio and XM28 Armament Kit
Platoon Commander, Captain	M17 Revolver
Helicopter Pilot, Warrant Officer (x3)	M17 Revolver
Platoon Sergeant, E7	M16A1 Rifle
Crew Chief, E5	M79 Grenade Launcher, M1911A1 Pistol

Aero-Weapons Section (x2)	AH-1G w/ AN/URC-10 and 1 <i>or</i> 2 AN/PRC-25 Radios and XM28 Armament Kit, 3 AH-1G w/ AN/URC-10 Radio and XM28 Armament Kit
Section Leader, Lieutenant	M17 Revolver
Team Leader, Lieutenant	M17 Revolver
Helicopter Pilot, Warrant Officer (x5)	M17 Revolver
Crew Chief, E5 (x4)	M79 Grenade Launcher, M1911A1 Pistol

NOTES: AH-1G armament according to the source was just the XM159 rocket pod in addition to the fixed armament. This is likely in accordance with the fact that the weapons sections were intended to function similarly to the Aerial Rocket Artillery, but no doubt other weapons were available.

US Army Armored Cavalry Troop, Infantry or Armored Division, TOE 17-107 (6 May 1963)

Source: Rottman, Gordon. *The US Army in the Vietnam War 1965-73*. Oxford, UK: Osprey Publishing, 2008; United States Government. Headquarters, Department of the Army. *FM 17-36, Armored Cavalry Platoon and Troop, Air Cavalry Troop, and Divisional Armored Cavalry Squadron*. Washington, DC: Headquarters, Department of the Army, 1963.



#	Weapons	#	Equipment
60	M14 Rifle	2	AN/PPS-4 Radar
18	M79 Grenade Launcher	3	AN/VRQ-1 Radio
39	M1911A1 Pistol	15	AN/VRC-8 Radio
12	M3 SMG	6	AN/VRC-13 Radio
		3	AN/GRC-3 Radio
		3	AN/GRC-4 Radio

#	Vehicles	#	Aircraft
7	M41 Tank		
15	M114 Scout Vehicle		
6	M113 APC		
3	M106 Mortar Carrier		

1	M88 Recovery Vehicle		
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Troop HQ Section	M41 Tank, M113 APC
Troop Commander	
Executive Officer	
First Sergeant	
Supply Sergeant	
Communication Chief	
Liaison Sergeant	
Liaison Agent	
Radio Operator, Intermediate Speed (x2)	
Troop Clerk	
Tank Commander	
Gunner	
Tank Driver	
Loader	

Ground Surveillance Section	2 M113 APC, 2 AN/PPS-4 Radar
Surveillance Section Chief	
Radar Operator (x4)	

Maintenance Section	M88 Recovery Vehicle
Maintenance Sergeant	

Platoon HQ (x3)	M114 w/ AN/VRQ-1 Radio
Platoon Leader, Lieutenant	M1911A1 Pistol
Scout Driver, E4	M14 Rifle

Scout Section (x3)	4 M114 w/ AN/VRC-8 Radio
Section Leader, E6	M14 Rifle
Squad Leader, E6	M14 Rifle
Scout Observer, E3 (x4)	M79 Grenade Launcher, M1911A1 Pistol
Scout Driver, E4 (x4)	M14 Rifle
Assistant Squad Leader, E5 (x2)	M14 Rifle

Tank Section (x3)	M41 Tank w/ AN/GRC-3 Radio, M41 w/ AN/GRC-4 Radio
Platoon Sergeant, E7	M1911A1 Pistol
Gunner, E5 (x2)	M1911A1 Pistol
Tank Driver, E5 (x2)	M3 SMG, M1911A1 Pistol
Loader, E3 (x2)	M3 SMG, M1911A1 Pistol
Tank Commander, E6	M1911A1 Pistol

Support Squad (x3)	M106 Mortar Carrier w/ AN/VRC-13
Squad Leader, E6	M14 Rifle

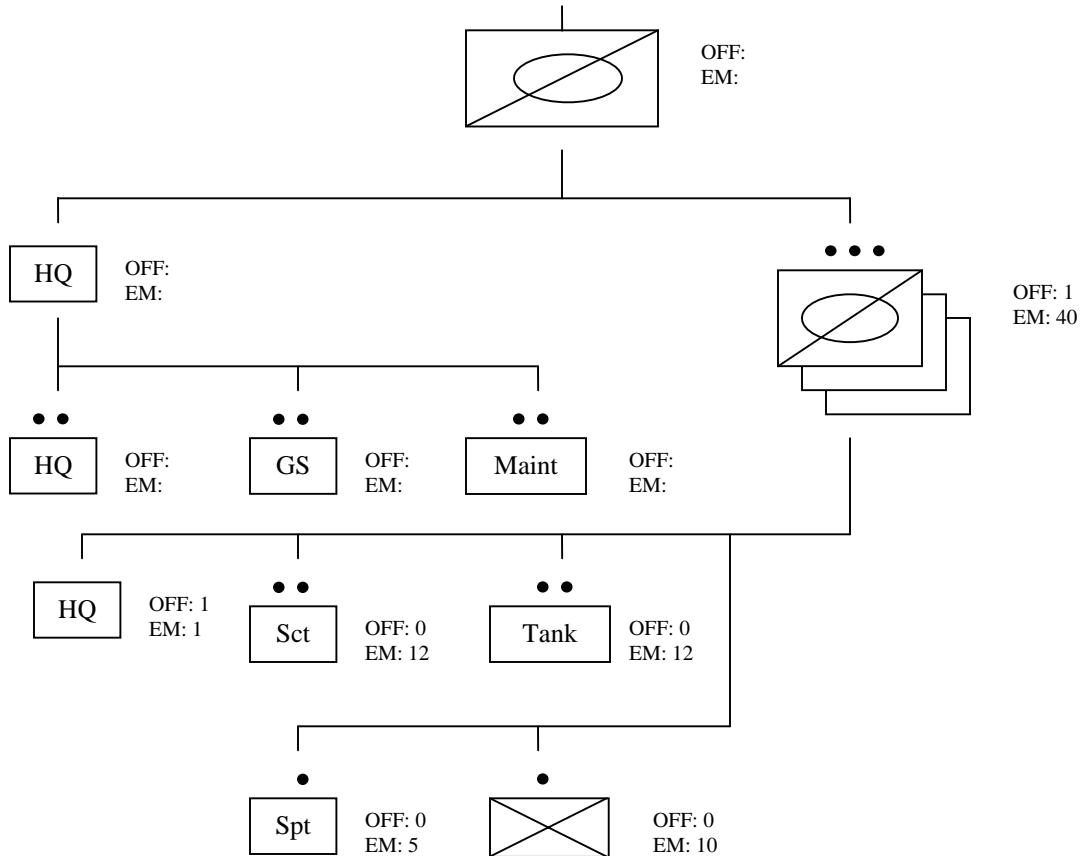
Mortar Gunner, E4	M1911A1 Pistol
Mortar Carrier Driver, E4	M14 Rifle
Assistant Mortar Gunner, E3	M1911A1 Pistol
Ammo Bearer, E3	M14 Rifle

Rifle Squad (x3)	M113 APC w/ AN/VRC-13 and AN/PRC-8 Radios
Squad Leader, E6	M14 Rifle
Team Leader, E5 (x2)	M14 Rifle
Grenadier, E4 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Rifleman, E3 (x4)	M14 Rifle
Personnel Carrier Driver, E4	M14 Rifle

NOTES: Personnel and equipment allotments for this formation from this source are very much based on what was clearly allocated. All sections in the Troop HQ have additional personnel of unspecified numbers, and the HQ and Maintenance Sections have unspecified numbers of additional wheeled vehicles. The fighting elements of the Troop are complete. This organization had already changed before the US Army became involved in Southeast Asia. It is unclear what letter series this TOE is, so the letter suffix is omitted.

US Army Armored Cavalry Troop, Infantry or Armored Division, TOE 17-107E (8 October 1965)

Source: Rottman, Gordon. *The US Army in the Vietnam War 1965-73*. Oxford, UK: Osprey Publishing, 2008; United States Government. Headquarters, Department of the Army. *FM 17-36, Divisional Armored and Air Cavalry Units*. Washington, DC: Headquarters, Department of the Army, 1965.



#	Weapons	#	Equipment
60	M16A1 Rifle	2	AN/PPS-4 Radar
18	M79 Grenade Launcher	4	AN/VRC-12 Radio
39	M1911A1 Pistol	6	AN/VRC-46 Radio
12	M3 SMG	9	AN/GRC-125 Radio
		9	AN/VRC-53 Radio
		3	AN/PRC-25 Radio

#	Vehicles	#	Aircraft
8	M41 Tank		
15	M114 Scout Vehicle		
6	M113 APC		
3	M106 Mortar Carrier		

1	M88 Recovery Vehicle		
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Troop HQ Section	M41 Tank, M113 APC
Troop Commander	
Executive Officer	
First Sergeant	
Supply Sergeant	
Communication Chief	
Liaison Sergeant	
Liaison Agent	
Radio Operator, Intermediate Speed (x2)	
Troop Clerk	
Tank Commander	
Gunner	
Tank Driver	
Loader	

Ground Surveillance Section	2 M113 APC, 2 AN/PPS-4 Radar
Surveillance Section Chief	
Radar Operator (x4)	

Maintenance Section	M88 Recovery Vehicle
Maintenance Sergeant	

Platoon HQ (x3)	M114 w/ AN/VRC-12 Radio
Platoon Leader, Lieutenant	M1911A1 Pistol
Scout Driver, E4	M16A1 Rifle

Scout Section (x3)	2 M114 w/ AN/VRC-46 Radio, 2 M114 w/ AN/GRC-125
Section Leader, E6	M16A1 Rifle
Scout Observer, E3 (x4)	M79 Grenade Launcher, M1911A1 Pistol
Scout Driver, E4 (x4)	M16A1 Rifle
Squad Leader, E6	M16A1 Rifle
Assistant Squad Leader, E5 (x2)	M16A1 Rifle

Tank Section (x3)	M41 Tank w/ AN/VRC-12 Radio, 2 M41 w/ AN/VRC-53 Radio
Platoon Sergeant, E7	M1911A1 Pistol
Gunner, E5 (x3)	M1911A1 Pistol
Tank Driver, E5 (x3)	M3 SMG, M1911A1 Pistol
Loader, E3 (x3)	M3 SMG, M1911A1 Pistol
Tank Commander, E6 (x2)	M1911A1 Pistol

Support Squad (x3)	M106 Mortar Carrier w/ AN/GRC-125
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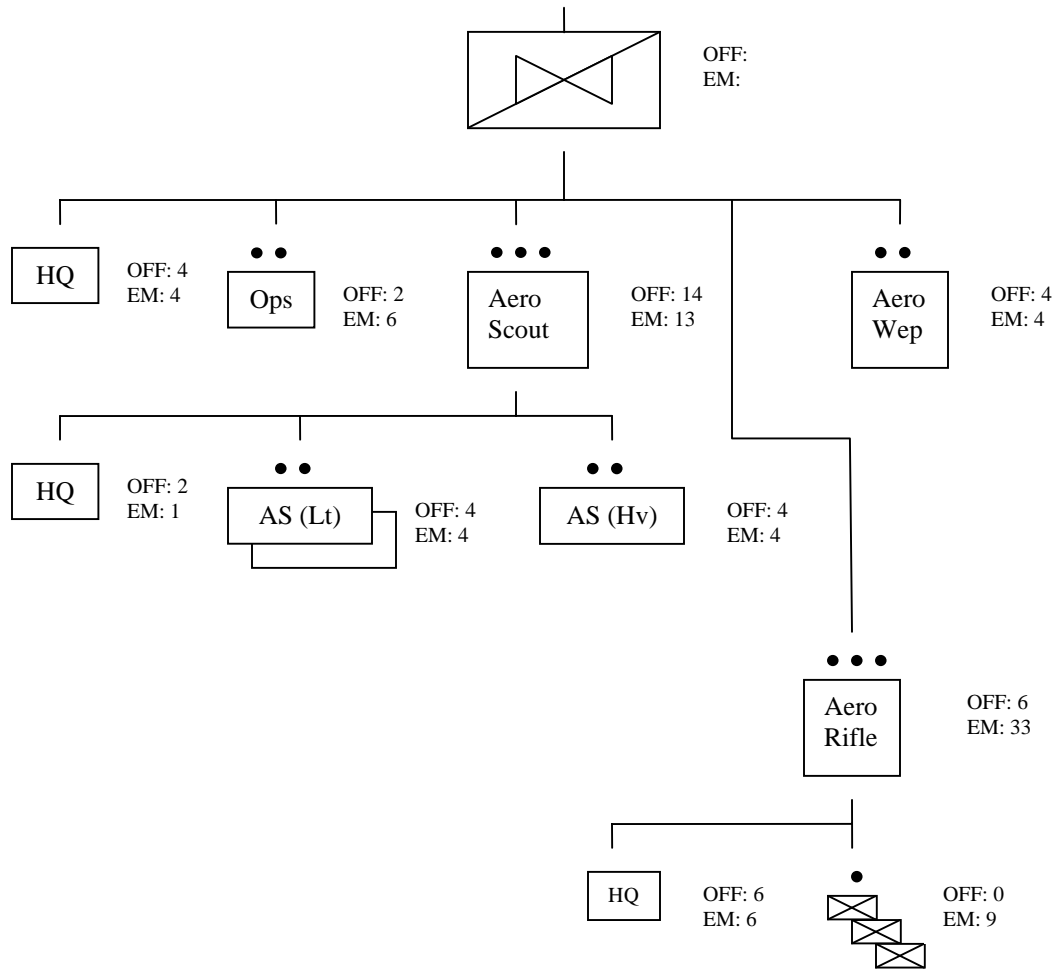
Squad Leader, E6	M16A1 Rifle
Mortar Gunner, E4	M1911A1 Pistol
Mortar Carrier Driver, E4	M16A1 Rifle
Assistant Mortar Gunner, E3	M1911A1 Pistol
Ammo Bearer, E3	M16A1 Rifle

Rifle Squad (x3)	M113 APC w/ AN/VRC-53 and AN/PRC-25 Radios
Squad Leader, E6	M16A1 Rifle
Team Leader, E5 (x2)	M16A1 Rifle
Grenadier, E4 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Rifleman, E3 (x4)	M16A1 Rifle
Personnel Carrier Driver, E4	M16A1 Rifle

NOTES: Personnel and equipment allotments for this formation from this source are very much based on what was clearly allocated. All sections in the Troop HQ have additional personnel of unspecified numbers, and the HQ and Maintenance Sections have unspecified numbers of additional wheeled vehicles. The fighting elements of the Troop are complete. While this was the official TO&E as the US Army deployed to Vietnam, the inadequacy of the M114 and the phasing out of the M41 meant the replacement of these vehicles with the M113A1 ACAV and M48A3 respectively.

US Army Air Cavalry Troop, Infantry or Armored Division, TOE 17-108 (6 May 1963)

Source: Rottman, Gordon. *The US Army in the Vietnam War 1965-73*. Oxford, UK: Osprey Publishing, 2008; United States Government. Headquarters, Department of the Army. *FM 17-36, Armored Cavalry Platoon and Troop, Air Cavalry Troop, and Divisional Armored Cavalry Squadron*. Washington, DC: Headquarters, Department of the Army, 1963.



#	Weapons	#	Equipment
39	M14 Rifle	25	AN/ARC-44 Radio
7	M79 Grenade Launcher	25	AN/ARR-46 Radio
45	M1911A1 Pistol	3	AN/VRC-16 Radio or AN/VRC-18 Radio
10	XM1 Armament Subsystem	9	AN/PRC-8 Radio or AN/PRC-10 Radio
15	M153 Armament Subsystem	1	AN/GRR-5 Radio

4	XM22 Armament Subsystem	1	AN/GRC-19 Radio
4	XM3 Armament Subsystem <i>or</i> XM4 Armament Subsystem	1	AN/VRC-24 Radio
		1	AN/ARC-59 Radio

#	Vehicles	#	Aircraft
2	Truck, ¼ Ton	15	UH-1B Helicopter
1	Truck, ¾ Ton	10	OH-13K Helicopter

Troop HQ Section	OH-13K w/ AN/ARC-44 and AN/ARR-46 Radios and XM1 Armament Kit, UH-1B w/ AN/ARC-44 and AN/ARR-46 Radios and M153 Armament Kit, Truck, ¼ Ton w/ AN/VRC-16 <i>or</i> -18 Radio
Troop Commander, Captain	M1911A1 Pistol
Army Aviator, Warrant Officer (x2)	M1911A1 Pistol
Crew Chief/ Armorer, E5 (x2)	M14 Rifle
Executive Officer, Lieutenant	M1911A1 Pistol
First Sergeant, E8	M14 Rifle
Clerk/Typist, E4	M79 Grenade Launcher, M1911A1 Pistol

Operations Section	Truck, ¼ Ton w/ AN/VRC-16 <i>or</i> -18 Radio, Truck, ¾ Ton w/ AN/GRR-5, AN/GRC-19, AN/VRC-16 <i>or</i> -18, and AN/VRC-24 Radios, UH-1B w/ AN/ARC-44, AN/ARR-46, and AN/ARC-59 Radios
Operations Officer, Lieutenant	M1911A1 Pistol
Radio Operator/Driver, E4	M14 Rifle
Operations Sergeant, E5	M14 Rifle
Communications Chief, E5	M14 Rifle
Radio Operator/Driver, E4	M14 Rifle
Army Aviator, Warrant Officer	M1911A1 Pistol
Operations Sergeant, E7	M14 Rifle
Crew Chief/Armorer, E5	M14 Rifle

Aero-Scout Platoon HQ	OH-13K w/ AN/ARC-44, AN/ARR-46, and AN/PRC-8 <i>or</i> -10 Radios and XM1 Armament Kit
Platoon Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer	M1911A1 Pistol
Crew Chief/Armorer/Driver, E5	M1911A1 Pistol

Aero-Scout Section (Light) (x2)	OH-13K w/ AN/ARC-44, AN/ARR-46, and AN/PRC-8 <i>or</i> -10 Radios and XM1
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	Armament Kit, 3 OH-13K w/ AN/ARC-44 and AN/ARR-46 Radios and XM1 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Recon Sergeant, E5 (x4)	M1911A1 Pistol
Team Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x2)	M1911A1 Pistol

Aero-Scout Section (Heavy)	UH-1B w/ AN/ARC-44, AN/ARR-46, and AN/PRC-8 <i>or</i> -10 Radios and M153 <i>or</i> XM22 Armament Kit, 3 UH-1B w/ AN/ARC-44 and AN/ARR-46 Radios and M153 <i>or</i> M22 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Recon Sergeant, E5 (x4)	M1911A1 Pistol
Team Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x2)	M1911A1 Pistol

Aero-Rifle Platoon HQ	5 UH-1B w/ AN/ARC-44, AN/ARR-46, and AN/PRC-8 <i>or</i> -10 Radios and M153 Armament Kit
Platoon Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x5)	M1911A1 Pistol
Platoon Sergeant, E7	M14 Rifle
Crew Chief/Armorer, E5 (x5)	M1911A1 Pistol

Aero-Rifle Squad (x3)	
Squad Leader, E6	M14 Rifle
Team Leader, E5 (x2)	M14 Rifle
Grenadier, E4 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Rifleman, E3 (x4)	M14 Rifle

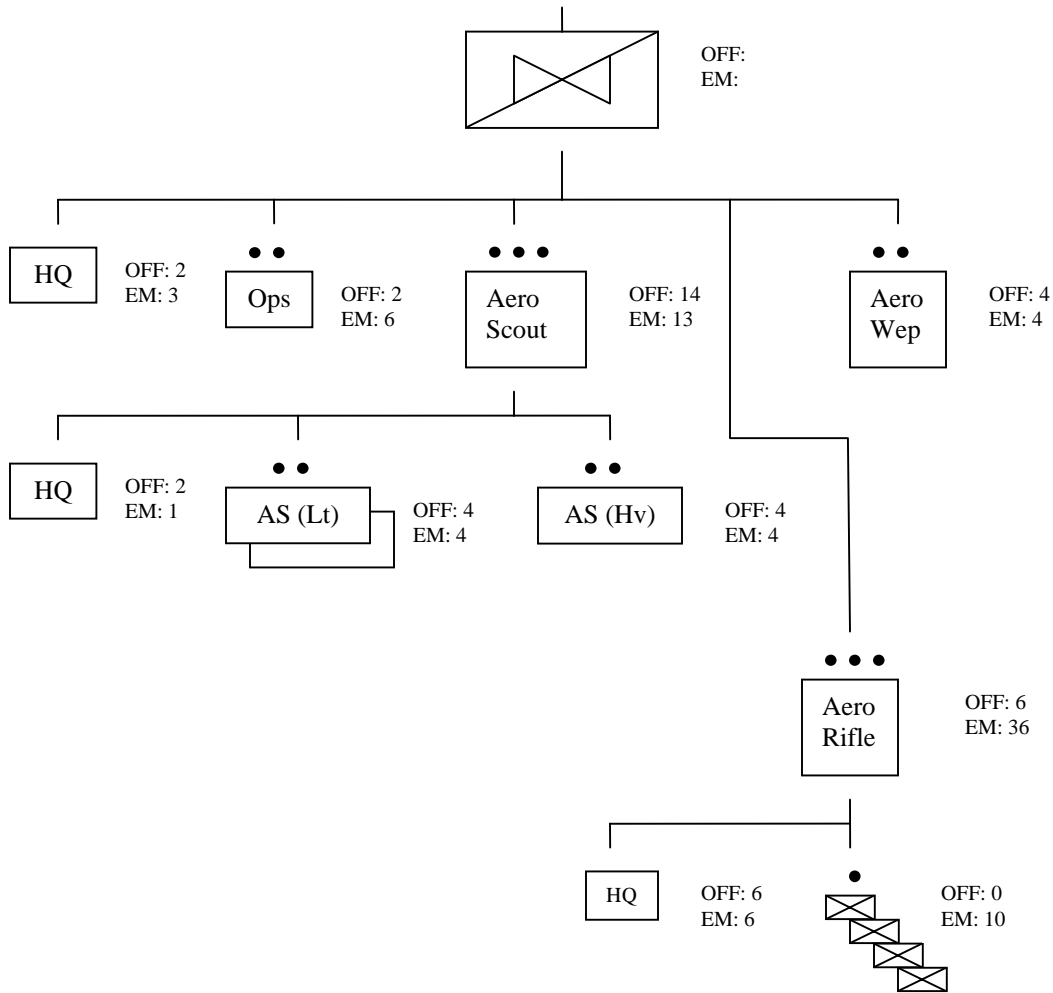
Aero-Weapons Section	UH-1B w/ AN/ARC-44, AN/ARR-46, and AN/PRC-8 <i>or</i> -10 Radios and M153 <i>or</i> XM3 <i>or</i> XM4 Armament Kit, 3 UH-1B w/ AN/ARC-44 and AN/ARR-46 Radios and M153 <i>or</i> XM3 <i>or</i> XM4 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Armorer/Observer, E5 (x4)	M14 Rifle
Army Aviator, Warrant Officer (x3)	M1911A1 Pistol

NOTES: Personnel and equipment allotments for this formation from this source are very much based on what was clearly allocated. Each Troop also has a Service Platoon, with its own Platoon HQ, Maintenance Section, and Supply Section. In this instance the decision was made not to provide details for those units. The fighting elements of the

Troop are complete. While troop carrying helicopters in the Aero-Rifle Platoon were authorized fixed forward weapons kits, these were found to be seriously detrimental to the aircrafts performance while loaded and were seldom used. This organization had already changed before the US Army became involved in Southeast Asia. It is unclear what letter series this TOE is, so the letter suffix is omitted.

US Army Air Cavalry Troop, Infantry or Armored Division, TOE 17-108E (8 October 1965)

Source: United States Government. Headquarters, Department of the Army. FM 17-36, Divisional Armored and Air Cavalry Units. Washington, DC: Headquarters, Department of the Army, 1965.



#	Weapons	#	Equipment
23	M16A1 Rifle	24	AN/ARC-54 Radio
9	M79 Grenade Launcher	24	AN/ARR-49 Radio
61	M1911A1 Pistol	3	AN/VRC-47
9	XM1 Armament Subsystem	8	AN/PRC-25
15	M6 Armament Subsystem <i>or</i> M60 LMG	1	AN/GRR-5 Radio
4	XM22 Armament Subsystem	1	AN/GRC-19 Radio
4	XM3 Armament Subsystem	1	AN/VRC-24 Radio
		24	AN/URC-10 Radio

#	Vehicles	#	Aircraft
2	Truck, ¼ Ton	15	UH-1B Helicopter
1	Truck, ¾ Ton	9	OH-13S Helicopter

Troop HQ Section	UH-1B w/ AN/ARC-54, AN/ARR-49 and AN/URC-10 Radios and M6 Armament Kit, Truck, ¼ Ton w/ AN/VRC-47 Radio
Army Aviator, Warrant Officer	M1911A1 Pistol
Crew Chief/ Armorer, E5	M1911A1 Pistol
Troop Commander, Captain	M1911A1 Pistol
First Sergeant, E8	M16A1 Rifle
Clerk/Typist, E4	M79 Grenade Launcher, M1911A1 Pistol

Operations Section	Truck, ¼ Ton w/ AN/VRC-47 Radio, Truck, ¾ Ton w/ AN/GRR-5, AN/GRC-19, AN/VRC-47, and AN/VRC-24 Radios, UH-1B w/ AN/ARC-44, AN/ARR-46, and AN/ARC-59 Radios, UH-1B w/ AN/ARC-54, AN/ARR-49 and AN/URC-10 Radios and M6 Armament Kit
Operations Officer, Lieutenant	M1911A1 Pistol
Radio Operator/Driver, E4	M16A1 Rifle
Aviations Operations Sergeant, E5	M16A1 Rifle
Communications Chief, E5	M16A1 Rifle
Radio Operator/Driver, E4	M16A1 Rifle
Army Aviator, Warrant Officer	M1911A1 Pistol
Operations Sergeant, E7	M16A1 Rifle
Crew Chief/Armorer, E5	M1911A1 Pistol

Aero-Scout Platoon HQ	OH-13S w/ AN/ARC-54, AN/ARR-49, AN/PRC-25, and AN/URC-10 Radios and XM1 Armament Kit
Platoon Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer	M1911A1 Pistol
Crew Chief/Armorer/Driver, E5	M1911A1 Pistol

Aero-Scout Section (Light) (x2)	OH-13S w/ AN/ARC-54, AN/ARR-49, AN/PRC-25, and AN/URC-10 Radios and XM1 Armament Kit, 3 OH-13S w/ AN/ARC-54, AN/ARR-49, and AN/URC-10 Radios and XM1 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Recon Sergeant, E5 (x4)	M1911A1 Pistol
Team Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x2)	M1911A1 Pistol

Aero-Scout Section (Heavy)	UH-1B w/ AN/ARC-54, AN/ARR-49, AN/PRC-25, and AN/URC-10 Radios XM22 Armament Kit, 3 UH-1B w/ w/ AN/ARC-54, AN/ARR-49, and AN/URC-10 Radios XM22 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Recon Sergeant, E5 (x4)	M1911A1 Pistol
Team Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x2)	M1911A1 Pistol

Aero-Rifle Platoon HQ	5 UH-1B w/ AN/ARC-54, AN/ARR-49, AN/PRC-25, and AN/URC-10 Radios and M6 Armament Kit <i>or</i> “free” M60
Platoon Leader, Lieutenant	M1911A1 Pistol
Army Aviator, Warrant Officer (x5)	M1911A1 Pistol
Platoon Sergeant, E7	M16A1 Rifle
Crew Chief/Armorer, E5 (x5)	M1911A1 Pistol

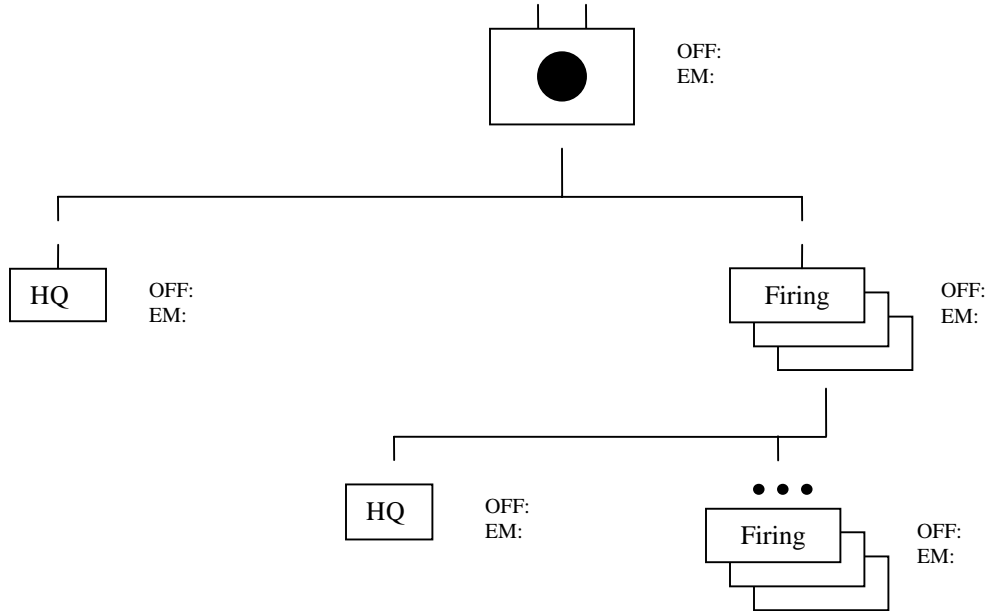
Aero-Rifle Squad (x4)	
Squad Leader, E6	M16A1 Rifle
Team Leader, E5 (x2)	M16A1 Rifle
Team Leader, E5	M16A1 Rifle
Grenadier, E4 (x2)	M79 Grenade Launcher, M1911A1 Pistol
Automatic Rifleman, E3 (x2)	M16A1 Rifle
Rifleman, E3 (x3)	M16A1 Rifle

Aero-Weapons Section	4 UH-1B w/ AN/ARC-54, AN/ARR-49, and AN/URC-10 Radios and XM3 Armament Kit
Section Leader, Lieutenant	M1911A1 Pistol
Crew Chief/Armorer/Observer, E5 (x4)	M1911A1 Pistol
Army Aviator, Warrant Officer (x3)	M1911A1 Pistol

NOTES: Personnel and equipment allotments for this formation from this source are very much based on what was clearly allocated. Each Troop also has a Service Platoon, with its own Platoon HQ, Maintenance Section, and Supply Section. In this instance the decision was made not to provide details for those units. The fighting elements of the Troop are complete. While troop carrying helicopters in the Aero-Rifle Platoon were authorized fixed forward weapons kits, these were found to be seriously detrimental to the aircrafts performance while loaded and were by this TO&E replaced by the option of M60 machine guns mounted on bungee cords (“free” M60). When deployed to Vietnam the Heavy Aero-Scout Section was often combined into the Aero-Weapons Section for a total of 8 helicopters. This became the standard organization by 1969.

US Army Artillery Battalion (Automatic Weapons, Self Propelled), TOE 44-85G (1965-1972)

Source: Rottman, Gordon and Donald Spaulding. *Vietnam Armor in Action*. Hong Kong: Concord Publications, 2002



#	Weapons	#	Equipment
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#	Vehicles	#	Aircraft
36	M42A1 Duster		

Battalion HQ Battery	
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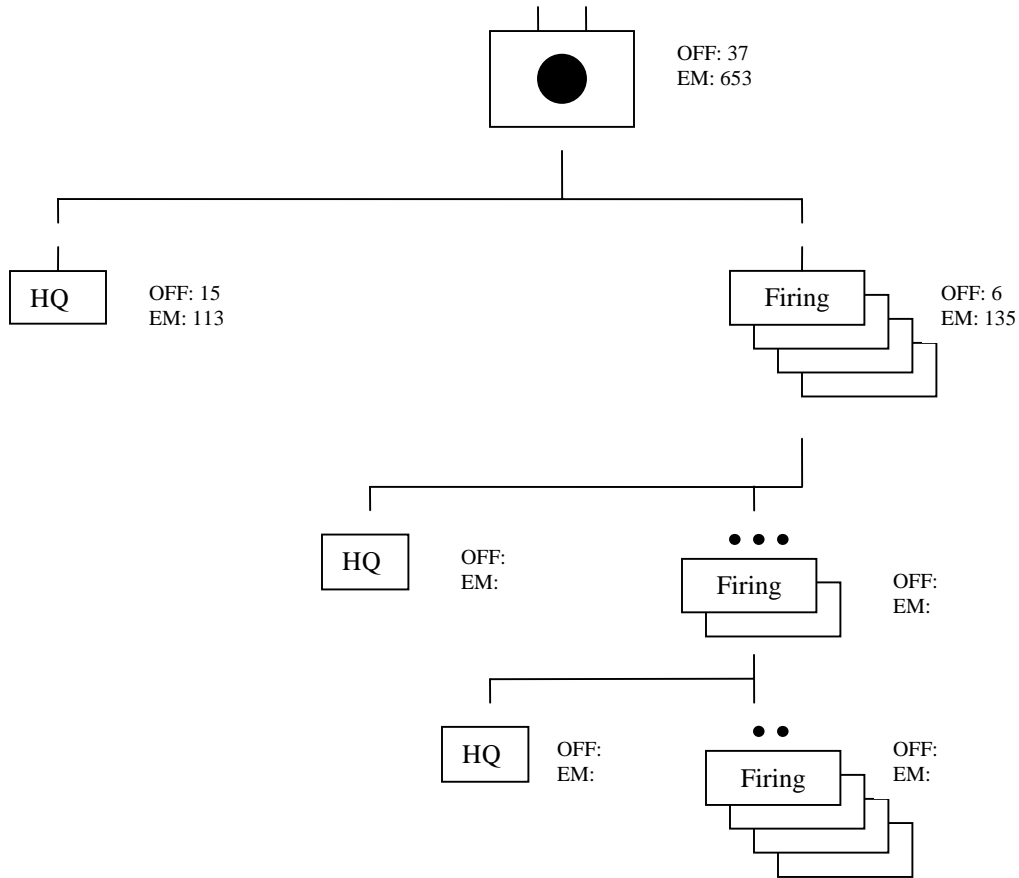
Firing Battery HQ (x3)	
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Firing Platoon (x9)	4 M42 Duster
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NOTES: According to the source elements were often parceled out on an as-needed basis. Battalions rarely operated as a whole. These vehicles would be used for convoy escort duties, as well as static defense. The source does not specifically mention any HQs except for the HQ Battery. These divisions are included and assumed to be part of the TOE. No other vehicles are mentioned in the source, but were likely part of the TOE, as were supply and maintenance elements.

US Army Artillery Battalion (Automatic Weapons, Self Propelled), MTOE 44-85G (1 May 1970)

Source: United States Government. Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army. Operational Report of the 5th Battalion (AW) (SP), 2nd Artillery for the Period Ending 30 April 1970. Saigon, South Vietnam: Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army, 1970.

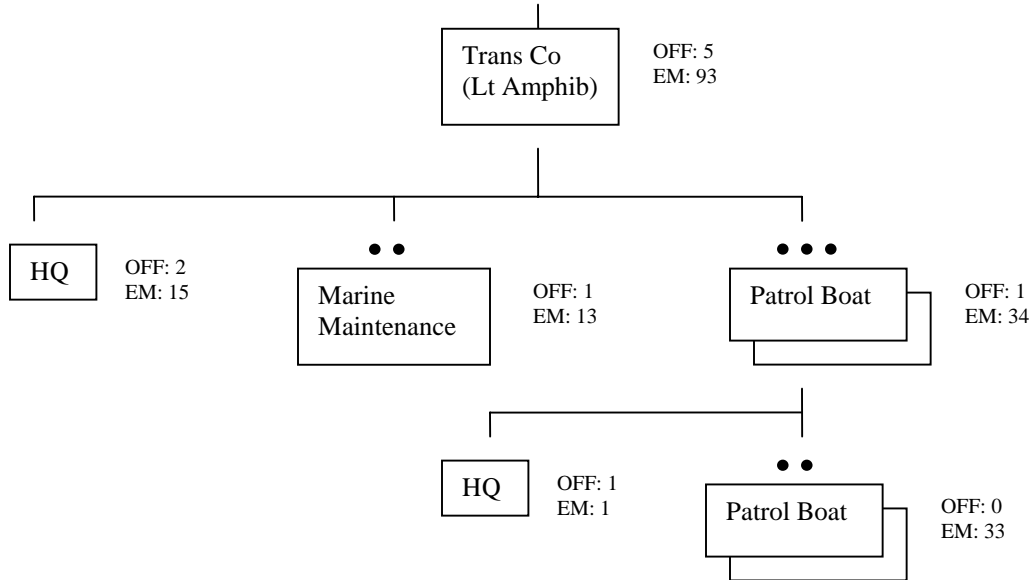


#	Weapons	#	Equipment
#	Vehicles	#	Aircraft
64	M42A1 Duster		
Battalion HQ Battery			
Firing Battery HQ (x2)			
Firing Platoon HQ (x4)			
Firing Section (x32)		2 M42A1 Duster	

NOTES: This is the MTOE given in the source specifically for the 5th Artillery Battalion (AW SP), 2nd Artillery, and provides an additional firing battery, and each battery has an additional 4 M42A1s. There are only two platoons per battery under this MTOE, each with four firing sections. The source does not specifically mention any HQs except for the HQ Battery. These divisions are included and assumed to be part of the TOE. No other vehicles are mentioned in the source, but were likely part of the TOE. This specific unit also had the usual Artillery Battery (.50 Caliber Machine Gun) (see following entries) and a less usual Artillery Battery (Searchlight) attached.

US Army Transportation Company (Light Amphibious), MTOE 55-138E (May 1969)

Source: United States Government. United States Army, Army Concept Team in Vietnam. Final Report: Military Police River/Harbor Security Company. Army Concept Team in Vietnam, 1971.



#	Weapons	#	Equipment
		36	40 hp outboard motor

#	Vehicles	#	Aircraft
38	Patrol Boat, River		
18	Boston Whaler		

Company Headquarters	
Commanding Officer, O3	
Executive Officer, O2	
First Sergeant, E8	
Operations Sergeant, E7	
Assistant Operations Clerk, E6	
Company Clerk, E5	
Operations Clerk, E4 (x3)	

Marine Maintenance Platoon	
?, O2	
Marine Engine Mechanic, E4 (x2)	
Marine Engine Mechanics Apprentice, E3 (x11)	

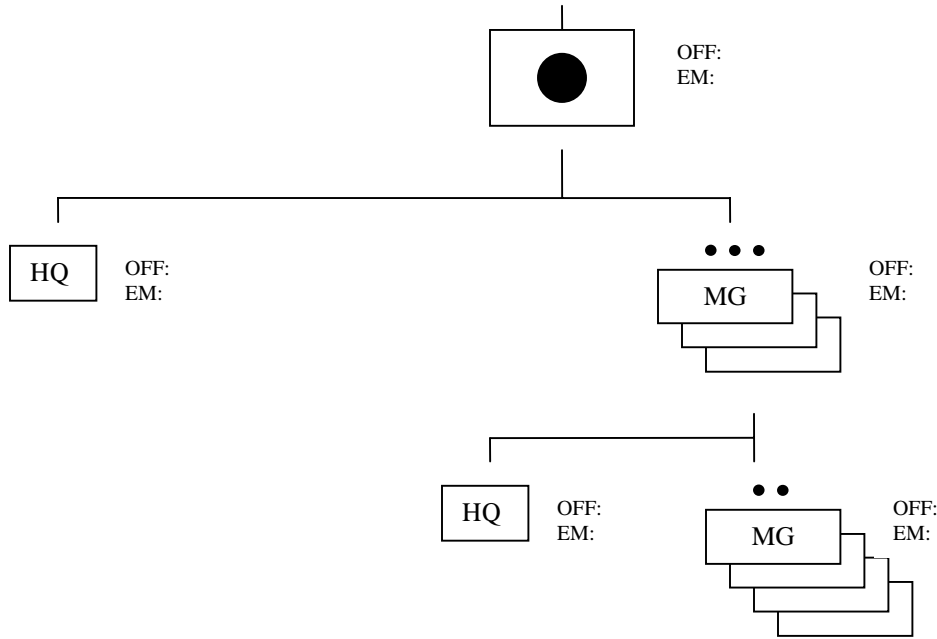
Patrol Boat Platoon HQ (x2)	Patrol Boat, River

Patrol Boat Platoon Section (x4)	9 Patrol Boat, River
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NOTES: There was only one unit with the above MTOE deployed to Vietnam, the 458th Transportation Company (Light Amphibious), 18th Military Police Brigade. This was the only US Army unit to operate the PBR. The Boston Whalers were acquired to help maintain coverage when PBRs were out of service for repairs. The PBRs were of the Mk II type, with the Mk 56 Mod 0 twin M2 .50 caliber machine gun mount forward, a Mk 18 Mod 0 40x46mm grenade launcher or M60 7.62mm machine gun aft of the bridge, and a Mk 46 Mod 1 gun mount in the main aft section for either an M2 .50 caliber machine gun or a Mk 4 Mod 0 60mm mortar. 3 or 4-man crews were also authorized 2 M79 grenade launchers, 3 M16A1 Rifles, 1 12 gauge shotgun, and .45 caliber pistols. BWs were usually unarmed, with the exception of some being modified with pedestals mounting a single M60 7.62mm machine gun. The 2-man crew were also authorized small arms.

US Army Artillery Battery (.50 Caliber Machine Gun), TOE 58-44G (1965-1972)

Source: Rottman, Gordon and Donald Spaulding. *Vietnam Armor in Action*. Hong Kong: Concord Publications, 2002



#	Weapons	#	Equipment
24	M55 Multiple Cal .50 Machine Gun Mount		
24	M60 MMG		
24	M79 Grenade Launcher		

#	Vehicles	#	Aircraft
24	M35 Truck		

MG Battery HQ	
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MG Platoon HQ	
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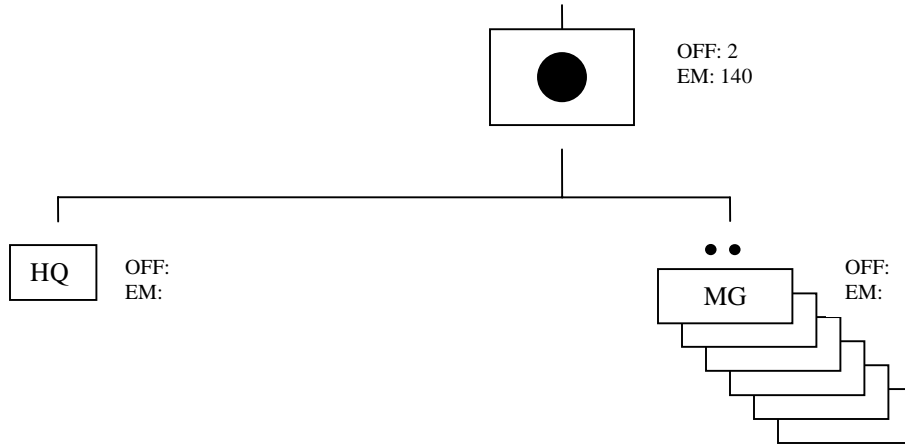
MG Platoon Section (x12)	2 M35 Truck, 2 M55 Gun Mount
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NOTES: According to both sources these units were “habitually” attached to Artillery Battalions (Automatic Weapons, Self Propelled), TOE 44-85G (see previous entries) in the field. Each M35 truck was also authorized a single M60 machine gun and M79 grenade launcher. The M55 was towed, but the M45 machine gun mount itself was often removed or the wheels removed from the M20 trailer and the entire assembly mounted on the truck bed allowing for firing from within the vehicle. These vehicles would be used for convoy escort duties, as well as static defense. The sources do not mention any HQs,

but they were no doubt present. These divisions are included and assumed to be part of the TOE. No other vehicles are mentioned in the source, but were likely part of the TOE.

US Army Artillery Battery (.50 Caliber Machine Gun), MTOE 58-44G (1 May 1970)

Source: United States Government. Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army. Operational Report of the 5th Battalion (AW) (SP), 2nd Artillery for the Period Ending 30 April 1970. Saigon, South Vietnam: Headquarters, 5th Battalion (AW) (SP), 2nd Artillery, Department of the Army, 1970.



#	Weapons	#	Equipment
24	M55 Multiple Cal .50 Machine Gun Mount		
24	M60 MMG		
24	M79 Grenade Launcher		

#	Vehicles	#	Aircraft
24	M35 Truck		

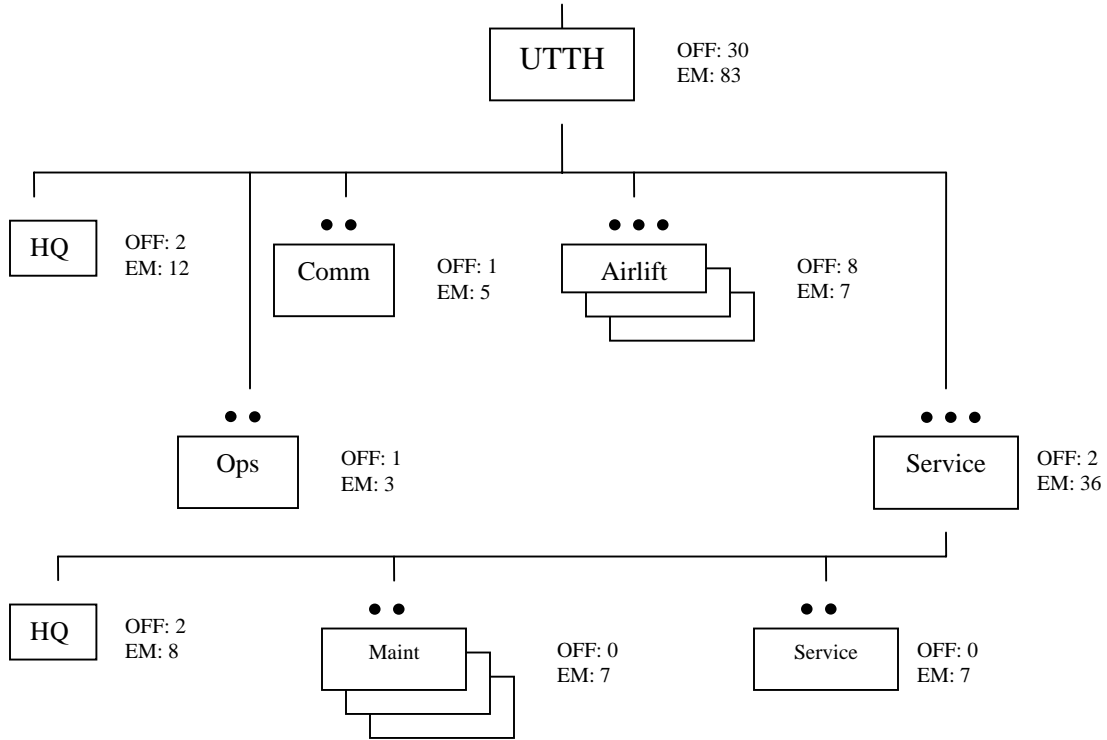
MG Battery HQ	
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MG Section (x6)	4 M35 Truck, 4 M55 Gun Mount
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NOTES: This is the MTOE for Battery D (.50 Caliber Machine Gun), 71st Artillery, attached to 5th Battalion (Automatic Weapons, Self Propelled), 2nd Artillery. It is described as having no separate platoons, only individual sections, each with 4 weapons instead of the normal 2. The number of vehicles and weapons is otherwise the same. The sources do not mention a Battery HQ, but this was no doubt present. This division is included and assumed to be part of the TOE. No other vehicles are mentioned in the source, but were likely part of the TOE.

US Army Utility Tactical Helicopter Company, TD 76-6750-00 (1962)

Source: United States Government. Military Assistance Command, Vietnam, Joint Operational Evaluation Group, Vietnam. Evaluation of the Armed Escort Helicopter. Joint Operational Evaluation Group, Vietnam, 1963.



#	Weapons	#	Equipment
25	XM6E3 Armament Subsystem w/ 2x 8-tube 2.75" rocket arrangement		

#	Vehicles	#	Aircraft
		25	UH-1A/UH-1B Iroquois

Company Headquarters	
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Operations Section	
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Communications Section	
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Airlift Platoon (x3)	
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Service Platoon HQ	
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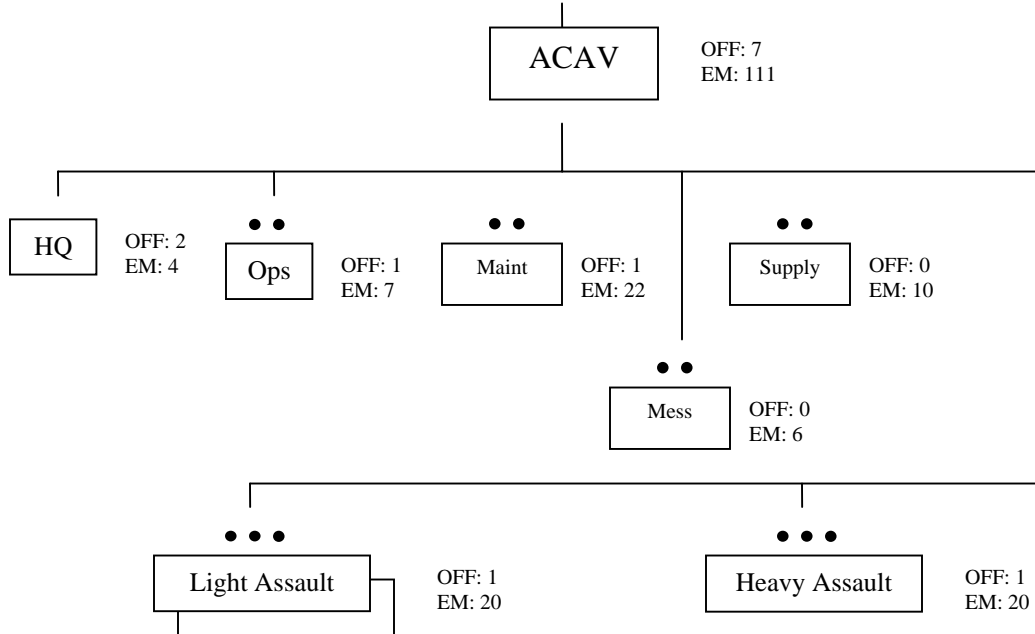
Maintenance Section (x3)	
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Service Section	
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NOTES: This is the Table of Distribution for the Utility Tactical Helicopter Company (Provisional) formed in Okinawa in July 1962 and subsequently deployed to Vietnam. Not shown is the 571st Transportation Detachment attached to the unit in 1963. Eventually the Company's organic maintenance personnel and those in the Transportation Detachment were combined with the Detachment commander given full authority of maintenance in the Company.

US Army, Air Cushion Assault Vehicle Troop (15 August 1968)

Source: United States Government. Department of the Army, US Army Combat Developments Command. Trip Report – SK-5 Air Cushion Vehicle. Ft Belvoir, VA: US Army Combat Developments Command, 1968.



#	Weapons	#	Equipment
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#	Vehicles	#	Aircraft
10	SK-5 Hovercraft		
2	SK-6 Hovercraft		
6	2 ½ Ton Truck		
3	2 ½ Ton Tanker Truck		
2	¾ Ton Truck		
2	¼ Ton Truck		

Troop HQ Section	SK-5 Hovercraft; 2 ¼ Ton Trucks
Troop Commander, Major	
Executive Officer, Captain	
First Sergeant, E-8	
ACV Driver, E-6	
Radar Navigator, E-5	
Troop Clerk, E-5	
ACV Gunner, E-4 (x2)	

Operations Section	SK-6 Hovercraft; 2 ¾ Ton Trucks
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Operations Officer, Lieutenant	
Operations Sergeant, E-7	
Intelligence Sergeant, E-6	
ACV Driver, E-6	
Operations Clerk, E-5	
ACV Gunner/Radio Telephone Operator; E-4 (x2)	
Commo Chief, E-6	

Maintenance Section	SK-6 Hovercraft; 3 2 ½ Ton Trucks
Maintenance Officer, Warrant Officer	
Maintenance Supervisor, E-7	
Senior Turbine Mechanic, E-6	
ACV Driver, E-6	
Motor Sergeant, E-5	
Turbine Mechanic, E-5 (x3)	
Sheet Metal Repairman, E-5	
Propeller Repairman, E-5	
Aircraft Armament Repairman, E-5	
Radar Repairman, E-5	
Repair Parts Specialist, E-5	
Senior Radio Repairman, E-5	
Turbine Helper, E-4 (x2)	
Wheel Vehicle Mechanic, E-4 (x2)	
Sheet Metal Repairman, E-4	
Propeller Repairman, E-4	
ACV Parts Specialist, E-4	
Radio Repairman, E-4 (x2)	

Supply Section	3 2 ½ Ton Tanker Truck; 2 2 ½ Ton Trucks
Supply Sergeant, E-6	
Supply Clerk, E-5	
Small Arms Repairman, E-4	
Fuel Handler Specialist, E-4 (x3)	
Ammo Storage Specialist, E-4 (x2)	
Ammo Storage Helper, E-3 (x2)	

Mess Section	2 ½ Ton Truck
Mess Sergeant, E-6	
First Cook, E-5 (x2)	
Cook, E-4 (x2)	
Cook's Helper, E-3	

Light Assault Platoon (x2)	3 SK-5 Hovercraft
Platoon Leader, Lieutenant	

Platoon Sergeant, E-7	
Vehicle Commander, E-7	
ACV Driver, E-6 (x3)	
Radar Navigator, E-5 (x3)	
M5 Gunner, E-5 (x3)	
Window Gunner, E-4 (x6)	

Heavy Assault Platoon	3 SK-5 Hovercraft
Platoon Leader, Lieutenant	
Platoon Sergeant, E-7	
Vehicle Commander, E-7	
ACV Driver, E-6 (x3)	
Radar Navigator, E-5 (x3)	
M5 Gunner, E-5 (x3)	
Window Gunner, E-4 (x6)	

NOTES: This was a proposed TO&E for a complete independent Air Cushion Assault Troop. The US Army received 3 SK-5 type hovercrafts during 1968 to form a provisional test platoon (apparently organized similarly to the Light Assault Platoon). The only difference in the platoons would be the armament suite for the hovercraft, which had not been entirely decided during field tests. The tested craft had a fairly heavily armament, with two independent M2HB .50 caliber machine guns in turrets on the forward roof of the craft, 2 M5 helicopter armament subsystems fitted with 40mm M75 grenade launchers fixed forward, and window gunners with M60 7.62mm machine guns. At least one craft was also fitted with a M134 7.62mm machine gun (“minigun”) in the forward cabin, also fixed forward. Other proposals included the M40 106mm recoilless rifle and the M139 20mm cannon, M61 20mm cannon (“Vulcan”), 40mm XM174 grenade launchers (as window guns), the M6 helicopter armament subsystem (two pairs of M60C 7.62mm machine guns, as a substitute for the M5), AGM-22 guided missiles, and even 2.75” rockets. In the end, the US Army terminated its ACV program and the surviving craft were removed from service in Vietnam by September 1970. The US Navy had also terminated their Patrol Air Cushion Vehicle program using a similar variant of the SK-5 in December 1969. The craft had proved effective, but incapable of surprise attacks or stealthy operation, and were mechanically complex. The US Army operated no more than 3 ACVs, and the US Navy no more than 6 PACVs.