

MILITARY FIRE FIGHTING TEAM  
TOE 12-827

1. MISSION:

To support the fire prevention and fire suppression for RVNAF facilities, SAIGON-GIA DINH Sector.

2. ASSIGNMENT:

- a. Under Saigon Area Construction Office command.
- b. Assigned to Saigon - Gia-Dinh garrison.

3. CAPABILITIES:

- a. Performing fire prevention and fire suppression and be on duty 24 hours a day.
- b. Training fire fighters.
- c. Inspecting fire prevention.

4. BASIS OF ALLOCATION:

One for RVNAF.

5. MOBILITY:

Fixed.

SUB AREA CONSTRUCTION OFFICE (TYPE B)  
TOE 12-824

1. MISSION:

To accomplish all maintenance and repairs in the geographic area.

2. ASSIGNMENT:

Under the direct control of the Area Construction Office

3. CAPABILITIES:

To accomplish all facilities maintenance and repairs in the geographical area, in accordance with military requirements and with the agreement of the RVNAF subject to special maintenance to be beyond the capabilities of the sub. Area Construction Office.

4. BASIS OF ALLOCATION:

7 per RVNAF

5. MOBILITY:

Fixed.

ENGINEER BOAT PLATOON  
TOE 12-882

1. MISSION:

Transport tactical units in operations on inland waterways, patrols, raids, logistical support and medical evacuation.

2. ASSIGNMENT:

Army component attached to Inf. Division as directed by RVNAF/JGS (J-3)

3. CAPABILITIES:

- a. Provide transportation on inland waterways for 28 infantry Squads.
- b. Transport supplies and general cargo in combat support operations.

4. BASIS OF ALLOCATION:

5 per RVNAF

5. MOBILITY:

10%

ENGINEER SAW-MILL  
TOE 12-883

1. MISSION:

Receives lumber, sawing it into sized timbers storing and issuing timbers and dents in support of the RVNAF.

2. ASSIGNMENT:

To the Engineer Services of RVNAF

3. CAPABILITIES:

- Yearly conversion of 16.000 cubic meters of log (1m50 maximum diameter) into sized timbers.
- Provide within 24 hours after request any size timber within mill capabilities.

4. BASIS OF ALLOCATIONS:

One per RVNAF

5. MOBILITY:

Fixed

ENGINEER COMPANY/AIRBORNE DIVISION  
TOE 54-712

1. MISSION:

- a. To provide an operating unit of the Airborne Division to perform general engineer work contributing to the combat effectiveness of the Airborne Division.
- b. To fight as Infantry when required.

2. ASSIGNMENT:

Organic to Airborne Division.

3. CAPABILITIES:

- a. Perform combat engineer tasks such as hasty construction, special demolitions and building air strips.
- b. Normally providing engineer support for one Airborne Division.
- c. Landing by parachute and aircraft less heavy equipment.

4. BASIS OF ALLOCATION:

One per Airborne Division.

5. MOBILITY:

100%

SUB-AREA CONSTRUCTION OFFICE (TYPE-A)  
TOE 12-823

1. MISSION:

To accomplish all maintenance and repairs in the geographical area.

2. ASSIGNMENT:

Under the direct control of the Area Construction Office.

3. CAPABILITIES:

To accomplish all facilities maintenance and repairs in the geographical area, in accordance with military requirements and with the agreement of the RVNAF, subject to special maintenance to be beyond the capabilities of the Sub-Area Construction Office.

4. BASIS OF ALLOCATION:

Six per RVNAF.

5. MOBILITY:

Fixed.

QUANG-TRUNG AREA CONSTRUCTION OFFICE  
TOE 12-822

1. MISSION:

To provide R and U support to the Quang-Trung Training Center and other cantonments stationed within a designated geographical area.

2. ASSIGNMENT:

Assigned to the Saigon Area Construction Office.

3. CAPABILITY:

- a. Accomplished the maintenance and repair of utilities and facilities including training areas, firing range roads and training facilities in the Quang Trung Training Center, and in a designated geographical area.
- b. Provide fire prevention and protection services.

4. BASIS OF ALLOCATION:

One per RVNAF.

5. MOBILITY:

Fixed.

ENGINEER TOPOGRAPHIC COMPANY  
TOE 12-781A

1. MISSION:

To provide maps, map substitutes, topographic survey data, and other topographic and engineer intelligence materials.

2. ASSIGNMENT:

To Engineer Directorate RVNAF.

3. CAPABILITIES:

Preparation of sketches, drawings, overlays and map substitutes. Reproduction of new and existing maps, revision of existing maps, reproduction of intelligence materials. Establishment and extension of geodetic control of 3rd order survey accuracy. Distribution of maps and related materials in support of RVNAF operations.

4. BASIS OF ALLOCATION:

One per RVNAF.

5. MOBILITY:

- a. A fixed organization which is only 20% mobile with organic transportation.
- b. Thirty days advance notification required if unit is to be 100% relocated.
- c. Unit will be ineffective if relocated for approximately 90 days.

5TH RANGER GROUP ENGINEER COMPANY  
TOE 12-775/5

1. PRIMARY MISSION:

To perform general engineer work in support of the Ranger group, thereby increasing its combat effectiveness.

SECONDARY MISSION:

Fight as infantry when required.

2. ASSIGNMENT:

5th Ranger Group.

3. CAPABILITIES:

- a. Perform general engineer tasks including water supply and reconnaissance.
- b. Assist movement of organic vehicles by the construction of timber trestle bridges, tramways, and rafts.
- c. Carry infantry across the river by river crossing means, organic light bridging and expedient bridges.
- d. Construct semi-permanent bridges (Bailey and Eiffel) when necessary.
- e. Provide technical advice and assistance in laying and removing minefields.
- f. Construction and destruction of obstacles.
- g. Perform as infantry in an emergency.

4. BASIS OF ALLOCATION:

One for 5th Ranger Group/

5. MOBILITY:

100%

ENGINEER COMPANY (DIVISIONAL)  
TOE 12-775A

1. MISSION:

To perform light engineer works in support of an Infantry regiment in the forward area or to function as a part of the engineer battalion, divisional to increase the combat effectiveness of the division.

2. ASSIGNMENT:

Engineer battalion, divisional.

3. CAPABILITIES:

- a. Perform general engineer tasks.
- b. Assists movement of organic vehicles by the construction of timber trestle bridges, tramways and rafts.
- c. Carry infantry across the river by river crossing means, organic light bridges and expedient bridges.
- d. Construction of semi-permanent bridges (Bailey, Eifel) when necessary.
- e. Provides technical advice and assistance in laying and removing of minefields.
- f. Construction and destruction of obstacles.
- g. Combat as infantry in emergency.

4. BASIS OF ALLOCATION:

Three per engineer battalion.

5. MOBILITY:

100%.

ENGINEER DIRECT SUPPORT COMPANY (TYPE B)  
TOE 12-742A

1. MISSION:

To provide direct support to supported units of:

- a. Supply of class II and IV Engineer items including repair parts.
- b. Maintenance of 3rd and 4th echelon of engineer equipment.

2. ASSIGNMENT:

To area logistical command.

3. CAPABILITIES:

- a. Receives, stores and issues general engineer items, repair parts and maps.
- b. Provides 3rd and 4th echelon maintenance support for approximately 500 items of engineer mechanical equipment including 1.5 KW generators.
- c. Besides in-shop repair, sends contact-teams to provide maintenance on bulky equipment which is located in remote areas where transportation to shop would be impracticable.
- d. Maintains accounting records of items used by supported units.
- e. Periodically inspects the maintenance activities, 2nd echelon repair parts stock level and material records in order to render instruction and advice enabling the supported units to function properly.
- f. Assembles statistical data pertaining to distribution, density of engineer equipment and demands of general engineer items and repair parts.

4. BASIS OF ALLOCATION:

Six per ARVN.

5. MOBILITY:

Fifty %.

ENGINEER COMPANY (HEAVY EQUIPMENT)  
TOE 12-735

1. MISSION:

To support engineer construction efforts with specialized engineer equipment and operator personnel.

2. ASSIGNMENT:

Organic to engineer construction group.

3. CAPABILITIES:

- a. Operating in support of an engineer construction group engaged in construction projects involving earthwork and surfacing operations.
- b. Furnishing support to other engineer units by attachment of personnel and equipment.
- c. Providing personnel and equipment for bituminous surface treatment.
- d. Providing own administration, supply, organizational maintenance and mess.

4. BASIS OF ALLOCATION:

One per Engineer construction group.

5. MOBILITY:

100%.

ENGINEER CONSTRUCTION COMPANY  
TOE 12-734A

1. MISSION:

To construct, rehabilitate and maintain facilities, routes of communications, airbases and deliberate defensive fortifications.

2. ASSIGNMENT:

Organic to engineer construction battalion.

3. CAPABILITIES:

- a. Operating borrow pits and handling borrow pit material, performing cut and fill, compacting natural or fill material, to provide subgrades of specified bearing strength and leveling natural or fill material to desired grades.
- b. Constructing or rehabilitating buildings and shelters.
- c. Constructing and rehabilitating deliberate fortifications.
- d. Providing its own administration, supply, mess and organizational maintenance.

4. BASIS OF ALLOCATION:

Three per engineer construction battalion.

5. MOBILITY:

100 percent.

AREA CONSTRUCTION OFFICE  
TOE 12-721

1. MISSION:

- a. Realize all new construction and maintenance projects in the area in accordance with the directives and procedures established by the Chief of Engineers.
- b. Establish all requisition documents and acquisition of real estate.
- c. Establish all new construction and maintenance documents of facilities, roads, ground surfaces and provision of utilities.
- d. Control and execution for new construction and maintenance contracts and miscellaneous plans.
- e. Make the station inventories.
- f. Plan all maintenance and improvement projects; distribute construction materials, also station equipments.
- g. Organize fire prevention and suppression services.

2. ASSIGNMENT:

- a. To logistical command on command and logistical use.
- b. To engineer services on technical, administration and accounting matters.

3. CAPABILITIES:

Provide technical supervision and accomplish all new construction and maintenance projects within the assigned area in accordance to military requirements and the agreement of the Navy, Army and Air Forces of the RVNAF units.

4. BASIS OF ALLOCATION:

11 for RVNAF.

5. MOBILITY:

Fixed.

ENGINEER COMPANY (FLOAT BRIDGE)  
TOE 12-718

1. MISSION:

- a. To provide technical personnel and equipment to load, maintain, transport and supervise erection of M4T6 heavy bridging and aluminium foot bridge.
- b. To assist in general cargo hauling in emergency when bridge is immobilized.

2. ASSIGNMENT:

Organic to engineer combat group.

3. CAPABILITIES:

- a. Provide four sets of M4T6 bridging for 564-feet of bridge or four 5-float and five 4-float rafts or combination of bridge and rafts.
- b. Provide one set of aluminium foot bridge of 472-feet of normal bridge.
- c. Provide technical advice and assistance to other engineer units in floating bridge and raft erection.
- d. Erect bridge and rafts with organic personnel at a reduced rate of speed.
- e. Provide 2- $\frac{1}{2}$ T trucks for general cargo hauling equipment.
- f. Perform organization maintenance on organic equipment.
- g. Maintaining float bridge installed.
- h. Unit has limited capability of defending itself and installation against hostile ground attack.

4. BASIS OF ALLOCATION:

One or two per engineer combat group.

5. MOBILITY:

Nearly 100%.

ENGINEER COMPANY (PANEL BRIDGE)  
TOE 12-717

1. MISSION:

- a. To provide technical personnel and equipment to load, maintain and advise on erection of panel bridging.
- b. To carry out missions of a dump truck company for earth moving and cargo hauling when bridging is immobilized.

2. ASSIGNMENT:

Organic to engineer combat group.

3. CAPABILITIES:

- a. Loading, transporting and maintaining one bridge set of components to erect two 80-ft double-single bridges or one 130-ft double-double panel type bridge and bridge erection equipment.
- b. Providing technical advice on erection.
- c. Erecting bridge with organic personnel in an emergency.
- d. Providing dump truck for earth moving and cargo hauling with approximately one hundred-seventy (170) tons per lift when bridging is immobilized.
- e. Providing organizational maintenance for all organic equipment.
- f. Unit has the capability of defending itself and its installation against hostile ground attack.

4. BASIS OF ALLOCATION:

One or two per engineer combat group.

5. MOBILITY:

Nearly 100%.

ENGINEER COMPANY (LIGHT EQUIPMENT)  
TOE 12-716A

1. MISSION:

To operate and maintain a concentration of construction equipment in support of engineer combat units.

2. ASSIGNMENT:

Organic to Engineer Combat Group.

3. CAPABILITIES:

- a. Operating in support of engineer combat battalion engaged in general engineer work.
- b. Providing additional equipment support, when required to divisional engineer
- c. Conducting organizational maintenance of organic equipment.
- d. Defending itself against hostile ground attack.

4. BASIS OF ALLOCATION:

One per engineer combat group.

5. MOBILITY:

90%.

WELL DRILLING TEAM  
TOE 12-928

I. MISSION:

To support RVNAF units by providing deep wells as required.

II. ASSIGNMENT:

To Engineer Group on command and use.

To OCE on technical and control.

III. CAPABILITIES:

Capable of providing a well from 152m/m (6") to 300 m/m (12") of diameter with a depth of 200 meters.

IV. BASIS OF ALLOCATION:

3 for RVNAF.

V. MOBILITY:

100%.

PHU-QUOC SUB-AREA CONSTRUCTION OFFICE  
(Draft TOE)

I. MISSION:

To accomplish all maintenance and repairs in the geographical area.

II. ASSIGNMENT:

Under the direct control of the Saigon ACO.

III. CAPABILITIES:

To accomplish all facilities maintenance and repairs in the geographical area, in accordance with military requirements and with the agreement of the RVNAF, subject to special maintenance beyond the capabilities of the sub-ACO.

IV. BASIS OF ALLOCATION:

1 per RVNAF.

V. MOBILITY:

Fixed.