

DEPARTMENT OF THE ARMY  
Headquarters, 3d Squadron, 5th Cavalry  
APO San Francisco 96477

AVEL-SCO

30 August 1970

SUBJECT: Request for Modification to MTOE 17-105GPOI

Commanding General  
1st Infantry Brigade, 5th Infantry Division(M)  
APO San Francisco 96477

1. References:

a. Tables of Organization and Equipment 17-105G, 17-106G, and 17-107G, dated 31 March 1966.

b. MTOE 17-105GPOI, dated 17 November 1969 for UIC WDF2AA.

2. Request the following listed changes be immediately incorporated into this Squadron's modified TOE (The specific paragraph and line numbers are enumerated at inclosure 1):

a. Additional Personnel for the Squadron Transportation Section:

This Squadron is currently authorized eight M548 6-ton cargo carriers in addition to 16 cargo trucks. At the time the vehicles were incorporated into the MTOE, no provision was made for allocating additional personnel. The requested change will authorize a track cargo section consisting of a section leader and a two-man crew for each vehicle, the minimum number of personnel that can adequately operate and maintain this type of cargo vehicle.

b. Additional Personnel and Equipment for the Squadron Ground Surveillance Section:

The current authorization of six AN/PPS-5 radar sets has proven to be inadequate to meet the surveillance requirements of this unit. The three additional radar sets requested will provide the Squadron a capability to attach one radar set to each of the nine armored cavalry platoons when they conduct independent operations, the normal form of commitment of these units in Vietnam. The personnel increase will allow each radar vehicle sufficient

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crewsman to operate the vehicle as an armored cavalry assault vehicle, a requirement that must be met if the carriers continue to be equipped with the additional M-60 machine guns and gun shields. The battery charger FP-4127/U which is used with, but not part of, the radar set AN/PPS-5, has been omitted altogether from the MTOE. This item is needed for the successful operation of the AN/PPS-5 and should be included on a one-for-one basis with the radar set.

c. Additional Equipment for the Armored Cavalry Platoon:

(1) Searchlights: The armored cavalry troop is currently authorized five searchlights for nine M551 armored reconnaissance/airborne assault vehicles. There is no rational method of distribution for these searchlights that will provide all armored cavalry platoons an equal and adequate direct illumination capability. The AR/AAVs were originally issued with and are currently equipped with one searchlight per vehicle. These lights have proved invaluable in night operations and could not be reduced in number to the MTOE level without seriously impairing the operational capabilities of the cavalry platoons.

(2) Mine Detectors: The basic TOE authorized one mine detector for each platoon but later modifications have deleted this extremely important item. The cavalry platoons must have an organic mine detection capability in order to accomplish their independent reconnaissance and security missions.

d. Equipment Deletion to the Armored Cavalry Squadron:

The infrared weapons sight currently authorized for the Squadron is capable of being mounted only on the M-14 rifle. Authority for turn-in of these items has been granted by USARV, AVEGG-FDC(17 Feb 70)2d Ind, Subject: Turn-in of Unneeded TOE/MTOE Equipment and Personnel, dated 10 March 1970. However, authority was not granted for deletion from authorization documents.

1 Incl  
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HAROLD R. PAGE  
LTC, Armor  
Commanding

Inclosure 1 to Letter, Headquarters, 3d Sqdn, 5th Cav, dated 30 August 1970  
 SUBJECT: Request for Modification to MTON 17-105CPOI

1. Personnel changes to Headquarters and Headquarters Troop:

<u>PAR</u>	<u>LINE</u>	<u>DESCRIPTION</u>	<u>GRADE</u>	<u>MOS</u>	<u>BRANCH</u>	<u>AUTHORIZED</u>	<u>REQUESTED AUTHORIZATION</u>
A	B	C	D	E	F	G	—
04	01	Section SGT	E6	17K40	NC	1	0
04	02	Team Leader	E5	17K40	NC	3	4
04	03	SR Radar Opr	E5	17K20		6	9
04	04	Radar Opr	E4	17K20		6	9
04	05 (added)	Radar Plt Ldr	O2	1204	AR	0	1
04	06 (added)	Radar Plt SGT	E7	17K40	NC	0	1
04	07 (added)	Personnel	E4	11D20		0	3
		Carrier Drv					
07	08 (added)	Track Veh Sec	E6	64C40	NC	0	1
		Ldr					
07	09	Cargo Veh Drv	E5	11D20		0	8
07	10	Asst Drv/Cnr	E4	11D20		0	6

2. Equipment Changes to Headquarters and Headquarters Troop:

<u>PAR</u>	<u>LINE</u>	<u>ITEM</u>	<u>DESCRIPTION</u>	<u>AUTHORIZED</u>	<u>REQUESTED AUTHORIZATION</u>
04	B49272		Bayonet Knife w/scab for M16A1 rifle	16	36
	B67031		Binocular: 6 x 30 mil	6	9
	C68719		Cable Telephone	12	18
	H12086		Carrier, Personnel	6	9
	D99419		Charger, Battery: FP-4127/U	0	9
16331	E63317		Compass, Magnetic	6	9
	F09390		Cook Set, Field	6	9
	H67015		Flag Set	6	9
	J42822		Gen St Gas Eng	6	9
	J71304		Goggles	16	36
	L44575		Launcher, Grenade	6	9
	L92385		Machin-gun, 7.62	12	18
	L57425		Life Preserver	26	36
	H15518		Observation Device	6	9
	N96741		Pistol, Cal .45	6	9
	P08037		Plotting Board, Radar Data	3	5
	Q16109		Radar Set	6	9
	Q53186		Radio Set	6	9
	R59160		Reeling Mach Cable, Hand	3	5
	R94977		Rifle	10	27
	U44277		Stove, Gas Burner	6	9
	V31211		Telephone Set	6	9
	A06082		Armt Subs for Carrier M113	6	9

Inclosure 1 (Continued)

3. Equipment Changes to Armored Cavalry Troops:

<u>PAR</u>	<u>LINE ITEM</u>	<u>DESCRIPTION</u>	<u>AUTHORIZED</u>	<u>REQUESTED AUTHORIZATION</u>
A	B	C	D	
06	866941	Searchlight, Infrared, AN/USS-3	5	9
07	G02341	Detecting Set, Mine; PTEL Metallic	0	3

4. Equipment Deletion to the Armored Cavalry Squadron:

<u>PAR</u>	<u>LINE ITEM</u>	<u>DESCRIPTION</u>	<u>AUTHORIZED</u>	<u>REQUESTED AUTHORIZATION</u>
A	B	C	D	
	Y422371	Weapon sight, infrared	126	0