

10 May 1945

A FIELD SQUADRON, R.A.E.

Consisting of

Headquarters

Three troops –

Each troop, consisting of headquarters and four sections, has 48 working numbers, is capable of independent action and is equipped with its own tractor, compressor, power tools and water supply equipment. Each section has 12 working numbers, is self contained for work and is equipped with a proportion of tools.

WAR ESTABLISHMENT

(i) Summary of ranks

Detail	Headquarters	Three troops (each)	Total, field squadron R.A.E.
Major	1		1
Captains	2		2
Lieutenants	1	1	4
Total, officers	4	1	7
Company sergeant-major	1		1
Total, warrant officers	1		1
Company quartermaster-sergeant	1		1
Staff-sergeants, mechanists		1	3
Sergeants			
Fitter	1		1
Transport	1		1
Sergeants	1	1	4
Total, staff-sergeants and sergeants	4	2	10
Corporals	3	6	21
Sappers (includes 21 lance-corporals of whom not less than 16 will be classified tradesmen)	36	44	201
Total, rank and file	39	61	222
Total, other ranks	44	63	233
Total, all ranks	48	64	240
Attached –			
A.A.M.C.			
Corporal	1		1
A.A.O.C.			
Private, shoemaker (trade group 3)	1		1
A.A.C.C.			
Sergeant	1		1
Corporal	1		1
Privates (trade group 2)		2	6
A.A. Postal Service			
Corporal	1		1
Total, all ranks including attached	53	66	251
(ii) Distribution of rank and file by trades and duties			
Trade group 1			
Blacksmiths	1	2	7

Detail	Headquarters	Three troops (each)	Total, field squadron R.A.E.
Bricklayers		1	3
Carpenters and joiners	1	5	16
Draughtsman, engineering	1		1
Electrician	1		1
Fitters			
Engine	1	3	10
General	1		1
Operators, excavator		2	6
Plumbers	1	1	4
Surveyor	1		1
Trade group 2			
Carpenters	1	5	16
Driver-operators	(a)4	2	10
Mechanics, engine	1	1	4
Miners		4	12
Painters		1	3
Riggers		1	3
Signwriters	1	1	4
Trade group 3			
Clerks	(a)2	1	5
Concretors		2	6
Driver-mechanics		1	3
Engine hand I.C.		2	6
Tailor	1		1
Technical storeman	(a)2	1	5
Tinsmiths		1	3
Non-specialists			
Batmen	4	1	7
Drivers, M.T.	11	8	35
Hygiene dutyman	1		1
Motor cyclist orderlies	2	1	5
Pioneers		14	42
Water dutyman	1		1
Total, rank and file	39	(b)61	222
(iii) Transport			
Bicycle	1		1
Motor cycles	4	3	13
Car, 6-seater, utility	1		1
Trucks, ¼-ton	3	1	6
Trucks, 15-cwt., wireless, signals	2	1	5
Trucks, 3-ton			
G.S. with winch	1	1	4
Tipping	5	6	23
Water	1		1
Trailers –			
Air compressor		1	3
Bomb disposal	1		1
8-cwt	3	1	6
Total, vehicles excluding bicycles, motor cycles and trailers)	13	9	40

(iv) Mechanical equipment
(Will be supplied by Engineer Stores Service)

Tractors, tracked, 35/49 HP, with winch towing 3

(v) Table of weapons and ammunition

Detail	Number	Ammunition – rounds		
		On man or with gun	Reserve	Total
Pistols, .38-inch	20	12	120	360
Rifles, .303-inch	180	50	9,000	18,000
Rifles, .303-inch for attached personnel	10	20		200
Sub machine guns	40	200	16,000	24,000
A.A.L.M.Gs. .303-inch	18	1,000	9,000	27,000
Grenades –				
No. 36M hand			48	48
No. 63 smoke			60	60
No. 68			68	68
No. 75			72	72

(vi) Table of explosives and demolition stores

Detail	Three troops (each)	Total, field squadron R.A.E.
Slabs, TNT 1¼-lbs, field (Aust) Mk !!	224	672
Gelignite (lbs)	500	1,500
Primers, CW, dry, field, (Aust)	200	600
Detonators, No. 6	1,000	3,000
Detonators, electric, No. 6	200	600
Fuze, safety (feet)	960	2,880
Fuze, detonation (cordex or primacord) (feet)	2,000	6,000
Matches, fusee, tins of 50	20	60
Lighters, fuze, multiple (tins of 10)	10	30
Switches, combination, (Aust)	50	150
Switches, No. 9 L Delay	10	30
Switches No. 10 time pencil	10	30
Pistols, trip, mechanism	10	30
Chargesm behave, (Aust) Mk. 1	25	75
Trip wire (feet)	500	1,500
Tubes, fuze, sealing	100	300
Compound, cap sealing (pints)	1	3

(a) Includes a corporal.

(b) Includes 6 corporals.

NOTE ON FIRST REINFORCEMENTS

Details left at base

First reinforcements

Lieutenant	1
Rank and file (includes 2 corporals)	15
(Includes –	
Blacksmith (trade group 1)	1
Carpenter and joiner (trade group 1)	1
Fitter, engine (trade group 1)	1
Carpenter (trade group 2)	1

Miner (trade group 2)	1
Painter (trade group 20)	1
Engine hand I.C.	1
Drivers, M.T.	2)

NOTE

- Sufficient sappers will be trained as drivers, M.T. to provide one spare driver per vehicle.
 - In the headquarters –
 - Two men will be trained in first aid.
 - One man will be trained as a trumpeter.
 - The driver of the truck, 3-ton, water, will also be trained in water duties.
- In each troop –
- One man will be trained in hygiene duties and one man in water duties as a part time employment.

TROPICAL SCALE

When on 'tropical scale' the following variations for this unit are authorised –
(Transport

The following table will be substituted
(iii) Transport

Trucks, ¼-ton	11
Trucks, 2½-ton, G.S. with winch	5
Trucks, 3-ton tipping	18
Trailers –	
Air compressor	3
8-cwt	11

Table of weapons and ammunition
The following table will be substituted

Detail	Number	Ammunition – rounds		
		On man or with gun	Reserve	Total
Pistols, .38-inch	20	12	120	360
Rifles, .303-inch	180	25	5,000	9,500
Rifles, .303-inch for attached personnel	10	25		250
Sub machine guns	40	200	8,000	16,000
A.A.L.M.Gs. .303-inch	18	200	9,000	12,600
Grenades –				
No. 36M hand			240	240
No. 36M rifle			48	48
No. 63 smoke			18	18