

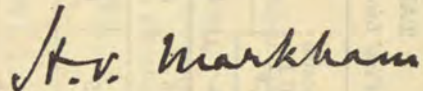
RESTRICTED(FOR OFFICIAL USE ONLY)*Not to be communicated to anyone outside H.M. Service***ADMIRALTY FLEET ORDER****ROYAL NAVAL AIR UNITS—CURRENT SCALES OF  
MANNING**

ADMIRALTY, S.W.1,

6th April, 1944.

The following Order having been approved by My Lords Commissioners of the Admiralty is hereby promulgated for information and guidance and necessary action.

By Command of Their Lordships,


**Distribution Limited**

*To all Commanders-in-Chief, Flag Officers, Senior Naval Officers, Captains and Commanding Officers of H.M. Ships, and Vessels fitted for Aircraft, Commanding Officers of R.N. Air Stations, Sections, and Training Establishments and Overseers concerned.*

NOTE:—The scale of distribution is shown in the Admiralty Fleet Order Volume, 1941, Instructions, paragraph 10.

**1759.—Royal Naval Air Units—Current Scales of Manning**

(N. 28589/42.—6 Apr. 1944.)

The following diluted scales of manning for Royal Naval Air Units have been approved.

2. Amendments to these scales will be published in Admiralty Fleet Orders from time to time as requisite.

3. A.F.O. 1021/41 which contains undiluted standard complements for R.N. Air Units will be re-issued in due course.

See A.F.O. 7165/45.  
" " 1679/45.

A.F.O. 6658/44

TABLE I  
First Line Squadrons

1759

Type of Squadron	T.B.R. A.B.R.			Composite 9 T.B.R. 6 F.F.	Fighter								Col. A—Aircraft equipped with 20-mm. guns or more than 8 guns per aircraft.
	A	B	C		A	B	A	B	A	B	Col. B—All other aircraft.		
No. of I.E. aircraft ...	6	9	12	15	6	6	10	10	12	12	20	20	Col. B—All other aircraft.
<i>Rank or Rating</i>													
Lt. Cdr., Lt., Sub Lt. (P) or (A) ...	6	9	12	15	6	6	10	10	12	12	20	20	Ch. or P.O. Pilot may be borne in 25 per cent. of these billets. (See also Note I.)
Lt. Cdr., Lt., Sub Lt. (O) or (A) ...	6	9	12	9	—	—	—	—	—	—	—	—	See Note I.
Ch. or Petty Officer or C.P.O. or P.O. Airman (G.D.)	1	1	1	1	1	1	1	1	1	1	1	1	See Note I.
Ldg. Smn. or Ldg. Airman (G.D.) ...	1	1	2	2	1	1	1	1	2	2	3	3	See Note VII.
A.B. or Ord. Smn. or Naval Airman (G.D.)	5	8	10	13	5	5	9	9	10	10	17	17	See Note VII.
C.P.O. or P.O. Airman (T.A.G. 1 or 2)	1	1	1	1	—	—	—	—	—	—	—	—	See Note I.
P.O. or Ldg. Airman (T.A.G. 3) ...	5	8	11	8	—	—	—	—	—	—	—	—	See Note I.
Leading Writer ...	1	1	1	1	1	1	1	1	1	1	1	1	
Ldg. Supply Assistant ...	—	1	1	1	—	—	—	—	1	1	1	1	
Supply Assistant ...	1	—	1	1	1	1	1	1	1	1	1	1	
Cook ...	1	1	2	2	1	1	1	1	2	2	2	2	
Leading Steward ...	—	1	1	1	—	—	—	—	—	—	1	1	See Note II.
Steward or Asst. Steward ...	4	5	7	7	2	2	3	3	4	4	6	6	
Ldg. Phot. or Phot. ...	1	1	1	1	—	—	—	—	—	—	—	—	
Lt. or Sub Lt. (E) or (A), (A/E) or Cd. or Wt. Aircraft Officer.	1	1	1	1	1	1	1	1	1	1	1	1	(A.F.O. 979/42) when avail- able.
Air Artificer (A.E.) ...	1	1	2	2	1	1	1	1	2	2	3	3	

2

Ldg. or Air Fitter (A) ...	2	2	3	4	2	2	2	2	3	3	4	4	
Ldg. or Air Fitter (E) ...	2	2	3	4	2	2	2	2	3	3	4	4	
Ldg. or Air Fitter (O) ...	1	1	2	3	1	1	2	1	2	1	4	3	See Note III
Ldg. or Air Fitter (L) ...	1	1	1	2	1	1	1	1	1	1	2	2	See Notes IV, V and VIII
P.O. or Ldg. Radio Mech. (A.R.) ...	3	3	4	3	—	—	—	—	—	—	—	—	See Note VI
P.O. or Ldg. Radio Mech. (A.W.) ...	2	2	3	4	3	3	3	3	4	4	6	6	
C.P.O. Air Mech. (A) or (E)	1	1	1	1	1	1	1	1	1	1	1	1	
P.O. Air Mechanic (A) ...	1	1	1	2	1	1	1	1	1	1	2	2	
P.O. Air Mechanic (E) ...	1	1	1	2	1	1	1	1	1	1	2	2	
P.O. Air Mechanic (O) ...	—	—	1	1	1	1	1	1	2	1	3	2	See Note III
P.O. Air Mechanic (L) ...	—	—	—	1	—	—	—	—	—	—	1	1	See Notes IV, V and VIII
Ldg. Air Mechanic (A) ...	1	2	3	3	1	1	2	2	3	3	4	4	
Ldg. Air Mechanic (E) ...	1	2	3	3	1	1	2	2	3	3	4	4	
Ldg. Air Mechanic (O) ...	1	1	2	2	1	1	2	1	2	2	4	4	See Note III
Ldg. Air Mechanic (L) ...	1	1	1	2	1	1	1	1	1	1	2	2	See Notes IV, V and VIII
Air Mechanic (A) ...	6	9	12	15	6	6	10	10	12	12	20	20	
Air Mechanic (E) ...	6	9	12	15	6	6	10	10	12	12	20	20	
Air Mechanic (O) ...	3	5	6	12	5	4	9	6	10	8	16	12	See Note III
Air Mechanic (L) ...	2	3	4	5	2	2	3	3	4	4	6	6	See Notes IV, V and VIII
	70	95	129	150	59	57	85	80	106	102	162	156	

3

Notes

- Note I. Air crews should be overborne by 25 per cent. provided the necessary personnel and accommodation are available.
- Note II. Steward ratings as Attendants are allowed on the scale of one between three officers, a leading steward being included when the total number of steward ratings in the squadron is six or more. The numbers shown above are to be adjusted by this scale to accord with the number of officers actually borne.
- Note III. For "Avenger Aircraft," the numbers of ordnance ratings allowed will be based on the following scales:—
- (a) 2 A.M. (O) per 3 aircraft.
  - (a) 1 L.A.M. (O) per 6 aircraft.
  - (a) 1 P.O.A.M. (O) per 12 aircraft.
  - (a) 1 Ldg. or A.F. (O) per 6 aircraft.

1759

(a) If armed with three 0.5-in. and one 0.3-in. guns or more, scale to be :—

- 1 L.A.M. (O) or A.M. (O) per aircraft.
- 1 P.O. A.M. (O) per 6 aircraft.
- 1 Ldg. or A.F. (O) per 6 aircraft.

Air Artificers (L.O.) or Air Artificers (O) to be borne in lieu of Air Fitters (O) when available.

IV. For "Avenger" Squadrons, the numbers of electrical ratings allowed will be based on the following scale :—

- 1 A.M. (L) per 2 aircraft.
- 1 L.A.M. (L) per 6 aircraft.
- 1 P.O.A.M. (L) per 12 aircraft.
- 1 P.O. Air Fitter (L) per 4 aircraft.
- 1 Air Artificer (L.O.) or P.O. Air Fitter (L) per 12 aircraft.

V. For squadrons armed with Barracuda aircraft *delete* reference to electrical ratings and *substitute* as follows :—

	Number of Aircraft					
	6	9	12	15	18	24
Ldg. or Air Fitter (L) ...	...	1	2	2	2	2
Ldg. Air Mechanic (L) ...	...	1	1	2	2	2
Air Mechanic (L) ...	...	3	4	6	7	9

VI. For squadrons equipped with A.S.V. Mark XI *delete* reference to Radio Mechanics (A.R.) and *substitute* as follows :—

- 1 C.P.O. Radio Mechanic per squadron.
- 1 P.O. or Ldg. Radio Mechanic (A.R.) per aircraft fitted A.S.V., Mark XI.

VII. Includes Safety Equipment Workers and Assistants, as follows :—

- Fighter Squadrons ...
- T.B.R. Squadron of less than 12 aircraft ...
- T.B.R. Squadrons of more than 12 aircraft ...
- Composite Squadrons of 15 or more aircraft ...

- 1 S.E.W., 1 S.E.A.
- 1 S.E.W., 1 S.E.A.
- 1 S.E.W., 2 S.E.A.
- 1 S.E.W., 2 S.E.A.

VIII. For American type fighter aircraft, Electrical Ratings will be allowed as follows :—

- 1 A.M. (L) per 2 (I.E.) aircraft.
- 1 L.A.M. (L) per 5 (I.E.) aircraft.
- 1 P.O. A.M. (L) per 10 (I.E.) aircraft.
- 1 Leading or Air Fitter (L) per 10 (I.E.) aircraft.

TABLE II  
L.R. Aircraft

Type of aircraft ...	Single Seater		Two seater		Three seater	
	1	2	1	2	1	2
Lieut. Cdr., Lieut. or Sub Lieut. (P) or (A) or R.M. Officer (for (P) and ship duties).	1	2 <sup>(a)</sup>	1	1	1	1
Lieut. Cdr. or Lieut. (O) or (A) (for (O) and ship duties).	—	—	1	1	1	1
A.B. or Ordinary Seaman ...	1	2	1	2	1	2
Petty Officer airman ...	—	—	—	2	—	2
<i>Included in the above :—</i>						
Rating Pilot ...	—	— <sup>(a)</sup>	—	1	—	1
Rating Observer ...	—	—	—	1	—	1
Leading Airman (T.A.G. 3) ...	—	—	—	—	1	2
Air Artificer (A.E.) ...	1	1	1	1	1	1
Ldg. or Air Fitter (A) ...	—	1	—	1	—	1
Ldg. or Air Fitter (E) ...	—	1	—	1	—	1
Ldg. Air Mechanic (A) ...	—	—	—	—	—	— (See Note I)
Ldg. Air Mechanic (E) ...	—	—	—	—	—	— (See Note I)
Air Mechanic (A) ...	1	1	1	1	1	1 (See Note I)
Air Mechanic (E) ...	1	1	1	1	1	1 (See Note I)
Air Mechanic (O) ...	1	1	1	1	1	1
Air Mechanic (L) ...	1	1	1	1	1	1
Ldg. Writer or Writer ...	—	—	—	—	—	— (See Note II)
Steward or Asst. Steward (W.R.A.) ...	—	—	—	—	—	— (See Note III)

Notes

(a) One may be a P.O. Airman (Rating Pilot).

I. One of the Air Mechanics (A) or (E) is to be a Leading Rating.

II. In flagships carrying a Unit Commander add 1 Air Artificer (A.E.) (to be a Chief Air Artificer (A.E.) if more than 6 aircraft are carried in the squadron), 1 C.P.O. Air Mechanic (O), and 1 Leading Writer or Writer.

III. When only one officer is borne he should share a Steward W.R.A. with a Ship's Officer.

TABLE III

Fleet Requirements Units. Air Firing Units. Miscellaneous Squadrons and Training Squadrons not in Centralised Maintenance (excluding A.T.T.U.s.)

Rating	Number of T.S.A.								Remarks
	2	6	9	12	18	24	36	48	
Chief or Petty Officer or Chief or P.O. Airman (G.D.)	—	—	1	1	1	1	1	1	
Ldg. Seaman or Ldg. Airman (G.D.)	—	1	1	1	2	2	4	5	
A.B., Ord. Seaman or Naval Airman (G.D.)	1	3	5	7	10	14	20	27	
Air Artificer (A.E.)	—	1	1	2	2	3	3	4	
Ldg. or A.F. (A)	—	1	2	3	3	4	4	5	
Ldg. or Air Fitter (E)	—	1	2	3	3	4	4	5	Add 1 for every four twin-engined aircraft.
Ldg. or A.F. (L)	—	1	1	2	2	2	3	4	See Note II.
P.O. or Ldg. R.M. (A.R.)	—	1	2	3	4	4	5	6	Dependent upon W/T and Radar equipment fitted.
P.O. or Ldg. R.M. (A.W.)	—	1	2	3	4	4	5	6	
C.P.O. A.M. (A) or (E)	—	—	1	1	1	1	1	2	
P.O. A.M. (A)	—	—	—	1	1	1	1	2	
P.O. A.M. (E)	—	—	—	1	1	1	2	3	
P.O. A.M. (L)	—	—	—	—	1	1	2	2	See Note II.
L.A.M. (A)	—	1	1	2	2	3	4	6	
L.A.M. (E)	—	—	1	2	2	3	4	6	
L.A.M. (L)	—	—	—	1	1	1	1	2	See Note II.
A.M. (A)	—	2	5	8	11	16	21	32	Add 30 per cent. for Barracuda and Avenger aircraft.
A.M. (E)	—	2	5	8	11	16	21	32	Add two for every three twin-engined aircraft.
A.M. (L)	—	1	2	3	4	6	8	11	See Note II.
Ldg. Supply Assistant	—	—	—	—	1	1	1	1	
Supply Assistant	—	—	1	1	1	1	2	2	See Note III.
Ordnance Ratings	—	—	—	—	—	—	—	—	See Note I.

Note I.—The numbers of ordnance ratings allowed for training squadrons will be adjusted in accordance with the armament of the aircraft and the training functions on which these aircraft are used. The following scale is a guide:—

- (a) For each 4 aircraft carrying armament ... 1 L.A.M. (O) or A.M. (O).  
 (b) For each 12 aircraft or part of 12 ... 1 L.A.F. (O) or A.F. (O).  
 (c) For each 12 aircraft ... 1 P.O.A.M. (O).  
 (d) For over 25 and up to 50 ... Add 1 Air Artificer (O) or (L.O.).  
 (e) For over 50 ... Add 1 Chief Air Artificer (O).  
 (f) For each 6 aircraft employed on intensive armament training, i.e. Fighter School firings, N.O.T.U. Squadrons. Add 3 A.M. (O), 1 A.F. (O) and 1 P.O.A.M. (O).

Note II.—For squadrons armed with Barracuda aircraft, delete reference to Electrical Ratings and substitute:—

Number of Aircraft	6	9	12	15	18	24
Ldg. or Air Fitter (L)	1	2	2	2	2	2
Ldg. or Air Mechanic (L)	1	1	2	2	2	2
Air Mechanic (L)	3	4	6	7	9	12

Note III.—Supply ratings are allowed in accordance with the scale laid down in A.F.O. 269/44.

TABLE IV  
A.T.T.U.s.

Rating	Number of T.S.A.						Remarks
	2	6	9	12	18	24	
Pilot (Officer or Rating) ...	1	4	6	8	12	16	
Chief or Petty Officer or Chief or P.O. Airman (G.D.)	—	—	1	1	1	1	
Ldg. Seaman or Ldg. Airman (G.D.)	—	1	1	1	2	2	
A.B. or Ord. Seaman or Naval Airman (G.D.)	1	3	5	7	10	14	
Ch. or P.O. Airman (T.A.G.2)	—	—	1	1	1	1	
Ldg. Airman T.A.G.3 or Naval Airman (G.D.) (Trained Drogue Tower).	1	3	4	6	9	13	
Air Artificer (A.E.)	—	1	1	2	2	3	
Leading or A.F. (A)	—	1	1	2	3	4	
Leading or A.F. (E)	—	1	1	2	3	4	Add 1 for every four twin-engined aircraft.
Leading or A.F. (L)	—	—	—	—	—	—	
P.O. or Ldg. R.M. (A.R.)	—	—	—	—	—	—	
P.O. or Ldg. R.M. (A.W.)	—	1	2	3	4	5	
C.P.O., A.M. (A) or (E)	—	—	1	1	1	1	
P.O., A.M. (A)	—	—	—	1	1	2	
P.O. A.M. (E)	—	—	—	1	1	2	
P.O. A.M. (L)	—	—	—	—	1	1	
L.A.M. (A)	—	1	1	1	2	3	
L.A.M. (E)	—	1	1	1	2	3	
L.A.M. (L)	—	—	—	1	1	1	
A.M. (A)	—	2	4	7	10	14	
A.M. (E)	—	2	4	7	10	14	Add two for every three twin-engined aircraft.
A.M. (L)	—	1	2	2	3	5	
Ldg. Supply Assistant	—	—	1	1	1	1	
Supply Assistant	—	—	—	—	—	1	

Note I.—For A.T.T.U. aircraft fitted with armament (e.g. Beaufighters) "O" ratings to be allowed on same scale as for training Squadrons (Table III).

TABLE V  
Storage Sections

Rating	Number of aircraft held						Remarks
	Fighter			T.B.R.			
	25	50	75	25	50	75	
A.B. or Ord. Seaman or Naval Airman (G.D.)	5	10	15	5	10	15	Civilian labourers should be borne in lieu if available.
Air Artificer (A.E.)	1	4	7	1	4	7	
Air Artificer (L)	1	2	3	1	2	3	
Chief Air Artificer (O)	—	—	1	—	—	1	
Air Artificer (O)	1	2	3	1	2	3	
Leading or A.F. (A)	6	15	23	6	15	23	
Leading or A.F. (E)	6	15	23	6	15	23	
Leading or A.F. (L)	2	5	6	3	6	8	
Leading or A.F. (O)	2	4	7	2	3	5	
C.P.O. R.M.	1	1	1	1	1	1	
P.O. or Ldg. R.M. (A.R.)	2	3	3	2	3	4	
P.O. or Ldg. R.M. (A.W.)	2	3	3	2	3	4	
C.P.O. A.M. (A) or (E)	1	1	1	1	1	1	
P.O. A.M. (A)	—	1	1	—	1	1	
P.O. A.M. (E)	—	1	1	—	1	1	
P.O. A.M. (L)	1	1	1	1	1	1	
P.O. A.M. (O)	—	—	1	—	—	1	
L.A.M. (A)	1	2	4	1	2	4	
L.A.M. (E)	1	2	4	1	2	4	
L.A.M. (L)	—	1	1	—	1	2	
L.A.M. (O)	1	2	2	1	1	2	
A.M. (A)	7	14	24	7	14	24	
A.M. (E)	7	14	24	7	14	24	
A.M. (L)	5	9	14	6	11	15	
A.M. (O)	3	5	9	2	4	6	

(A.F.O. 1021/41.—Not in Annual Volume.)