

ARMY AIR FORCES
FIGHTER SQUADRON, SINGLE ENGINE
Designation: † ____ Fighter Squadron, Single Engine

1	Unit	2 Specification Serial No.***	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
			Air Echelon														Total Air Echelon
			Administrative			Technical				Tactical				Total			
			Squadron Headquarters	Medical	Supply	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B		Flight C	Flight D	
2	Lieutenant Colonel, including		1														1
3	1-Engine Pilot (Squadron Commander)		(1)														(1)
4	Major, including									1							1
5	1-Engine Pilot (Squadron Operations Officer)									(1)							(1)
6	Captain, including		1	1				1		1	1	1	1	1	1	1	9
7	1-Engine Pilot									(1f)	(1)	(1)	(1)	(1)	(1)		(5)
8	Adjutant and Mess		(1b)														(1)
9	Engineering							(1)									(1)
10	Flight Surgeon			(1g)													(1)
11	Intelligence (also Public relations)									(1)							(1)
12	First Lieutenant, including				1	1	1				1	2	2	2	2		12
13	1-Engine Pilot											(2)	(2)	(2)	(2)		(8)
14	Armament, Chemical and Camouflage					(1)											(1)
15	Communications						(1)										(1)
16	Personal Equipment Officer									(1h)							(1)
17	Supply and Transportation				(1c)												(1)
18	Second Lieutenant (e), including											3	3	3	3		12
19	1-Engine Pilot											(3)	(3)	(3)	(3)		(12)
20	TOTAL COMMISSIONED		2	1	1	1	1	1		1	3	6	6	6	6		35
21	Master Sergeant, including					1	1	2									4
22	Airplane Inspector	752						(1)									(1)
23	Armament Chief	663				(1)											(1)
24	Communication Chief	542					(1)										(1)
25	Line Chief	752						(1)									(1)
26	First Sergeant	585	1														1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Unit	Specification Serial No.***	Air Echelon													
			Administrative			Technical				Tactical				Total		
			Squadron Headquarters	Medical	Supply	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B	Flight C	Flight D	Total Air Echelon
27	Technical Sergeant, including				3	3	2					1	1	1	1	12
28	Airplane Armorer	911			(1)											(1)
29	Armament Inspector	663			(1)											(1)
30	Armorer	511			(1)											(1)
31	Electrical Specialist	685					(1)									(1)
32	Flight Chief	750										(1)	(1)	(1)	(1)	(4)
33	Propeller Specialist	687					(1)									(1)
34	Radar Mechanic, IFF	862				(1)										(1)
35	Radio Mechanic, AAF	754				(1)										(1)
36	Radio Mechanic, CNS	759				(1)										(1)
37	Staff Sergeant, including			1	1	1	2	4	1	1	1	9	7	7	7	42
38	Administrative	502						(1)			(1)					(2)
39	Airplane Armorer	911										(1)	(1)	(1)	(1)	(4)
40	Airplane Sheet Metal Worker	555						(1)								(1)
41	Camera Technician	941				(1)										(1)
42	Crew Chief	750										(7)	(6)	(6)	(6)	(25)
43	Electrical Specialist	685						(1)								(1)
44	Intelligence	631								(1)						(1)
45	Medical	673		(1)												(1)
46	Propeller Specialist	687						(1)								(1)
47	Radar Mechanic, IFF	862										(1)				(1)
48	Radio Mechanic, AAF	754					(1)									(1)
49	Radio Mechanic, CNS	759					(1)									(1)
50	Supply	821			(1)											(1)
51	Technical Supply	826							(1)							(1)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16														
																	Air Echelon													
																	Administrative			Technical				Tactical				Total		
																	Squadron Headquarters	Medical	Supply	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B	Flight C	Flight D	Total Air Echelon
52	Sergeant, including		1			3	1				2	2	2	2	2	15														
53	Airplane Armorer	911				(2)					(2)	(2)	(2)	(2)		(10)														
54	Clerk-Typist	405	(1)							(1)						(2)														
55	Decontamination Equipment Operator	809				(1)										(1)														
56	Parachute Rigger and Repairman	620								(1r)						(1)														
57	Radio Mechanic, AAF	754					(1)									(1)														
58	Corporal, including					1	1			1	1	2	2	2	2	12														
59	Airplane Armorer	911									(2)	(2)	(2)	(2)		(8)														
60	Camera Technician	941				(1)										(1)														
61	Intelligence	631								(1)						(1)														
62	Parachute Rigger and Repairman	620								(1r)						(1)														
63	Radio Mechanic, AAF	754					(1)									(1)														
64	TOTAL ENLISTED		2	1	1	9	8	8	1	2	4	14	12	12	12	86														
65	AGGREGATE		4	2	2	10	9	9	1	3	7	20	18	18	18	121														

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																
																			Ground Echelon															
																			Administrative					Technical				Tactical				Total		
																			Squadron Headquarters	Medical	Mess	Supply	Transportation	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B	Flight C	Flight D	Total Ground Echelon
66	Major, including		1																1															
67	Executive		(1)																(1)															
68	Captain, including																																	
69	Mess				(b)																													
70	First Lieutenant, including							1		1		1							3															
71	Engineering								(1d)	(d)									(1)															
72	Intelligence (also Photographic)										(1)								(1)															
73	Ordnance, General							(1)											(1)															
74	Supply and Transportation					(c)																												
75	TOTAL COMMISSIONED		1					1		1		1							4															
76	Master Sergeant, including									1									1															
77	Airplane and Engine Mechanic	747								(1p)									(1)															
78	Technical Sergeant, including							1	1	2									4															
79	Airplane and Engine Mechanic	747								(2)									(2)															
80	Airplane Armorer	911						(1)											(1)															
81	Radio Operator Mechanic, AAF	756							(1)										(1)															
82	Staff Sergeant, including		1		1		1	2	2	5				4	3	3	3		25															
83	Administrative	502	(1k)																(1)															
84	Airplane and Engine Mechanic	747								(1)				(4)	(3)	(3)	(3)		(14)															
85	Airplane Armorer	911						(1)											(1)															
86	Ammunition	505						(1)											(1)															
87	Electrical Specialist	685								(1)									(1)															
88	Instrument Specialist	686								(2)									(2)															
89	Mess	824			(1)														(1)															
90	Motor	813					(1)												(1)															
91	Propeller Specialist	687								(1)									(1)															
92	Radio Mechanic, CNS	759								(1)									(1)															
93	Radio Operator Mechanic, AAF	756								(1)									(1)															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Unit	Specification Serial No.***	Ground Echelon															
			Administrative					Technical				Tactical				Total		
			Squadron Headquarters	Medical	Mess	Supply	Transportation	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B	Flight C	Flight D	Total Ground Echelon
94	Sergeant, including		2		5	1	1	6	6	7	2	1		4	4	4	4	47
95	Airplane and Engine Mechanic	747								(2)				(3)	(3)	(3)	(3)	(14)
96	Airplane Armorer	911						(4)						(1)				(5)
97	Airplane Sheet Metal Worker	555								(2)								(2)
98	Automotive Mechanic	014					(1)											(1)
99	Camera Technician	941						(1)										(1)
100	Classification Specialist	275	(1)															(1)
101	Clerk-Typist	405				(1)					(2)							(3)
102	Cook	060			(5)													(5)
103	Draftsman	070										(1n)						(1)
104	Duty	566	(1)															(1)
105	Instrument Specialist	686								(1)								(1)
106	Message Center Chief	667							(1)									(1)
107	Munitions Worker, Aviation	901						(1)										(1)
108	Radar Mechanic, IFF	862													(1)	(1)	(1)	(3)
109	Radio Mechanic, CNS	759							(2)									(2)
110	Radio Operator Mechanic, AAF	756							(2)									(2)
111	Refueling Unit Operator	932								(2)								(2)
112	Teletype Mechanic	239							(1)									(1)
113	Corporal, including		1	1	4	1	4	6	10	11	1		1	3	3	3	3	52
114	Airplane and Engine Mechanic	747								(3)								(3)
115	Airplane Armorer	911												(3)	(3)	(3)	(3)	(12)
116	Airplane Sheet Metal Worker	555								(1)								(1)
117	Automobile Mechanic	014					(1)											(1)
118	Automotive Equipment Operator	345					(2)											(2)
119	Camera Technician	941						(1)										(1)
120	Carpenter	050								(1)								(1)
121	Clerk-Typist	405	(1)			(1)	(1m)	(1)	(1)	(1)	(1)		(1)					(8)
122	Cook	060			(4)													(4)
123	Decontamination Equipment Operator	809						(1)										(1)
124	Lineman	238							(1)									(1)
125	Munitions Worker, Aviation	901						(3)										(3)
126	Painter	144								(1)								(1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																
																		Ground Echelon															
																		Administrative					Technical					Tactical					Total
																		Squadron Headquarters	Medical	Mess	Supply	Transportation	Armament and Ordnance	Communications (a)	Engineering	Supply	Intelligence	Operations	Flight A	Flight B	Flight C	Flight D	Total Ground Echelon
127	Radio Mechanic, AAF	754						(1)									(1)																
128	Radio Mechanic, CNS	759						(4)									(4)																
129	Radio Operator Mechanic, AAF	756						(1)									(1)																
130	Refueling Unit Operator	932							(3)								(3)																
131	Surgical Technician	861		(1)													(1)																
132	Telephone Switchboard Operator	650						(1)									(1)																
133	Teletype Operator	237						(1)									(1)																
134	Welder, Combination	256							(1)								(1)																
135	Private, First Class		2	1	7	3	5	6	1			1	1	1	1	1	15																
136	Private																	15															
137	Airplane Armorer	911										(1)	(1)	(1)	(1)		(4)																
138	Automotive Equipment Operator	345		(1)		(3)											(4)																
139	Clerk-Typist	405	(1)					(1)				(1)					(3)																
140	Cook's Helper	521			(7)												(7)																
141	Messenger	521	(1)					(1)									(2)																
142	Munitions Worker, Aviation	901						(5)									(5)																
143	Refueling Unit Operator	932							(1)								(1)																
144	Telephone Switchboard Operator	650						(2)									(2)																
145	Teletype Operator	237						(2)									(2)																
146	TOTAL ENLISTED		6	2	17	2	9	20	25	27	3	1	2	12	11	11	11	159															
147	AGGREGATE		7	2	17	2	9	21	25	28	3	2	2	12	11	11	11	163															
148	Grade Recapitulation		Lieutenant Colonel	Major	Captain	First Lieutenant	Second Lieutenant	TOTAL COMMISSIONED	Master Sergeant	1st Sergeant	Technical sergeant	Staff Sergeant	Sergeant	Corporal	Private, First Class	Private	TOTAL ENLISTED	AGGREGATE															
149	Total Air Echelon		1	1	9	12	12	35	4	1	12	42	15	12			86	121															
150	Total Ground Echelon			1		3		4	1		4	25	47	52	15	15	159	163															
151	TOTAL SQUADRON		1	2	9	15	12	39	5	1	16	67	62	64	15	15	245	284															

152	Squadron Equipment	Total Squadron	Notes
153	Airplane, 1-engine fighter	25	
154	Tractor, tracklaying, high speed, medium duty	2	
155	Trailer, bomb, M5	4	
156	Trailer, fuel servicing, type A-3	2	
157	Trailer, fuel servicing, type A-2-A	3	
158	Truck, bomb lift, M1	8	
159	Truck, bomb service, M6	2	
160	Carbine, cal. .30, M1	228	1 per individual not otherwise armed, except medical personnel
161	Gun, machine, Browning, HB, cal. .50, M2, flexible	4	mounted on trucks
162	Gun, submachine, cal. .45, M3	24	1 per 10 enlisted men or major fraction thereof, except medical
163	Pistol, automatic, cal. .45, M1911A1	28	1 per field grade officer and 1 per flier except flight surgeon
164	Trailer, 1/4-ton, 2-wheel, cargo	7	
165	Trailer, 1/4-ton, 2-wheel, water, 250 gallon	2	
166	Trailer, 1-ton, 2-wheel, cargo	2	
167	Truck, 1/4-ton, 4x4	14	
168	Truck, 3/4-ton, 4x4, ambulance, KD	1	
169	Truck, 3/4-ton, 4x4, weapons carrier	3	
170	Truck, 2 1/2-ton, 6x6, cargo, with winch	1	w/ ring mount
171	Truck, 2 1/2-ton, 6x6, cargo	3	

Remarks:

† Insert number or name of unit.

* This table supersedes T/O 1-27, 1 July 1942, including C1, 23 November 1942, C2, 25 January 1943 and advance copy C3, 7 May 1943, and T/E 1-27, 22 May 1943, including C1, 28 July 1943, and C2, 12 August 1943.

** Includes Changes No. 1, 26 February 1944 and Changes No. 2, 1 December 1944.

a The Communications Section is designed to operate and maintain the following ground communication equipment as well as to maintain aircraft radio:

1 ea. Ground-to-air radio relay set.

1 ea. Homing direction finding radio set.

1 ea. Air transportable ground-to-air radio set (when required).

1 ea. Point-to-point set.

1 ea. Message center to include teletype and telephone switchboard equipment.

b c d Indicate officers having additional duty in another section. Same letter in parentheses indicates section in which duty is performed.

e Flight Officers may be substituted in this table for Second Lieutenants on the basis of one for one.

f Gunnery officer.

g Flight Surgeon will supervise physical education activities.

h Responsible for inspection of all personal flying equipment of crews on each mission. Also oxygen officer.

k Personnel sergeant and special service representative.

m Transportation dispatcher.

n Additional duty engineering section.

p Maintenance chief.

r Assistant to personal equipment officer.

Squadron is the smallest administrative division of the fighter group and normally operates as a unit from one airdrome. The air echelon is designed to operate from an advanced airdrome for a week or ten days if provided with personnel and equipment either from an advanced detachment of an airdrome squadron (T/O&E 1-487) or the fighter squadron ground echelon to perform the following functions:

- Point-to-point radio communication.
- Mess.
- Ordnance.
- Transportation.

Sufficient drivers are not indicated for all motor vehicles. Qualified personnel will be used as automotive equipment operators.

In this table all officers of field grade and higher (except Medical officers) will be armed with pistol, automatic, cal. .45. The balance of the officers, except Medical officers will be armed with carbine, cal. .30.

10% of the enlisted men, except medical, but including drivers of 1/4-ton and 3/4-ton trucks, will be armed with gun, submachine, cal. .45. The remainder of the enlisted men will be armed with carbine, cal. .30.

Squadron will be augmented when authorized by the War Department for squadrons under intense combat activity, as follows:

- 2 ea. 1-Engine Pilots (Captain)
- 4 ea. 1-Engine Pilots (First Lieutenant)
- 6 ea. 1-Engine Pilots (Second Lieutenant)
- 1 ea. Cook (060) (Sergeant)
- 1 ea. Cook's Helper (521) (Private)

Pilots to be in air echelon as required and mess personnel in ground echelon.

When this squadron is employed as a separate squadron, the following personnel will be authorized:

- 1 ea. Cryptographer (First Lieutenant)
- 1 ea. Statistical (First Lieutenant)
- 1 ea. Weather (First Lieutenant)
- 4 ea. Cryptographer (807) (1 Staff Sergeant, 2 Sergeants, 1 Corporal)
- 7 Aggregate (3 officers and 4 enlisted men)

Radar team will be provided when authorized by the War Department for the ground echelon when AN/APS-13 is installed in the unit equipment:

- 2 ea. Radar Mechanic (IFF) (862) (1 Staff Sergeant and 1 Sergeant)