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MARINE CORPS HISTORICAL REFERENCE SERIES

MARINE CORPS AIRCRAFT 1913-1965

HISTORICAL BRANCH, G-3 DIVISION HEADQUARTERS, U. S. MARINE CORPS WASHINGTON, D. C.

Revised 1967

MARINE CORPS AIRCRAFT

1913 - 1965

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Preface

This volume provides a listing and a brief description of the aircraft utilized by the Marine Corps from 1913-1965. It is taken from official records and published as a ready reference for those interested in the historical development of Marine Corps aviation.

<SIGNATURE>

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Major General, U. S. Marine Corps Assistant Chief of Staff, G-3

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MARINE CORPS AIRCRAFT

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MARINE CORPS AIRCRAFT FROM 1913 to 1965

I - Introduction

THE RECORD

The pace of Marine Corps Aviation since 1913 parallels the speed of present day aircraft. From the AX-1, the first airplane flown by Marines, to the F-4B, the newest high performance Jet, from subsonic to supersonic aircraft, the Marines have been assigned over 430 different models.

Quasi-official records credit Marine pilots with having flown aircraft in assignments such as air races, tests, or special duty. These aircraft do not appear in official status of aircraft reports issued by the Bureau of

Aeronautics, the Chief of Naval Operations, or by the Commandant of the Marine Corps. The aircraft listed in this compilation are taken from official records of aircraft assigned to Marine Aviation.

The chronological list of aircraft used by Marine Aviation for the period 1913-1965 lists the designation, type, year, manufacturer, common name, engine type, horsepower, and dimensions. The omission of a year in the master chronology indicates that no new types were received within that year. The inclusive dates within which models of particular aircraft were used is not shown.

DESIGNATING AIRCRAFT: THE LETTER SYSTEM

In the early phase of Marine Corps Aviation there was no precise method of designating aircraft. Planes were assigned letters and numbers at random which neither clarified the type of plane nor identified its manufacturer. An example in point is the B3-2L, a patrol flying boat manufactured by Curtiss; Lowe, Willard, and Fowler; and others. The designation used then did not reveal the type of aircraft or its manufacturer.

By 1922 a lettering system was devised whereby the first letter indicated the manufacturer, the second letter the type of plane, and a number appended which stood for the modification of the aircraft, e.g.: a UO-1 was a (U) Vought, (O) Observation plane, and (-1) the first modification (not to be confused with the UO-1 assigned in 1960, a twin-engined Piper Aztec, the (U) in this case stands for utility, the (O) for Piper). A number inserted between the manufacturer and type stood for the order or model number of the designer's aircraft in the same class, (the first design numeral "1" is always omitted), e.g.: U2O-1 indicates this designation was a Vought, (2) - second model of its class, (O) - Observation

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plane, (1) - first modification.

In 1923 the system was revised so that the manufacturer's and type letters were reversed. The numbering system remained the same. This system is virtually the same today except that suffixes have been added when aircraft have been equipped for special missions or have peculiar modifications, e.g.: an F7F-2P indicates the aircraft is a (F) - Fighter, (7) - seventh model of its class, by (F) - Grumman, (2) - second modification, equipped for (P) - photographic missions. A suffix letter indicates that modifications are of a permanent nature and limit or augment the primary mission. (Also see Appendix 2.)

In 1962 the Defense Department instituted another change in the system in order to establish an armed forces wide method of identifying service aircraft. The new system is substantially the same as that used by the United States Air Force since the 1920's but modified to reflect current needs. The new rationale is outlined in Appendix 3. The changes required by the new procedure are reflected in the dual identifiers scattered through the list beginning at entry 194. The plural designations are assigned to those aircraft either on hand or programmed at the time of the change.

MANUFACTURERS CODE

determine the manufacturer's name. Some aircraft were fabricated by more than one company, e.g.: H-16, RS, F-6-L, JN, DH, and VE. As late as 1925 the Marines were assigned aircraft which were lettered and numbered by the old method. (See Index III for manufacturer's list.) The omission of a letter from the manufacturer's identification list indicates no letter was assigned to the manufacturer at the time the Marines received the aircraft. The year shown opposite the manufacturer's symbols list indicates the first year that particular manufacturer appeared in the designation of aircraft assigned to the Marines. (See Index 4 for code names.)

AIRCRAFT CODE NAMES

Before 1942, names given to aircraft were assigned by the aircraft manufacturer and had no official sanction or significance. After 1942, with the exception of helicopters, such names appear consistently, are approved by the armed forces and are employed for identification purposes. Quite often the names help identify the manufacturer. For example, Grumman aircraft are the "Cat" series - Wildcat, Hellcat, Tigercat, Panther, Cougar. The Chance Vought aircraft bear the names of pirates such as Corsair, Buccaneer, Cutlass, and Douglas Aircraft Company leans toward the Sky series - Skytrain, Skyraider, Skyhawk, Skyknight, and Skymaster.

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SEAPLANES

The term - convertible - used under type aircraft indicates that the standard landing gear may be removed and be replaced with floats for utilization aboard battleships or cruisers.

The essential difference between seaplanes is in the fuselage itself. Seaplane is the generic term under which various categories of flying boats, float planes, and outriggers are placed. The flying boat is basically a seaplane with a boat hull fuselage. The float plane type has a main float attached to the fuselage by struts and an outrigger float under each wing. Some seaplane types had two floats and no outriggers for buoyancy. The Grumman "Duck" (see number 111) had its main float joined to the fuselage and was a boat hulled seaplane.

ENGINES

Engines used in Marine aircraft range from the Curtiss in-line 90 hp used in the early period to the high thrust Jets with afterburner. The letter preceding the engine describes the type engine used: R - radial, O - opposed, H - two rows of over and under cylinders, L-in-line, V-angled, opposing cylinders, and J-Jet.

The radials which predominate throughout the 48 year period run in series from the 5 cylinder Kinners to the 28 cylinder Pratt & Whitney R-4360's.

The number after the engine letter refers to the cubic displacement of cylinders and not to horsepower (i.e., - R-2800). The number and letter code after cubic displacement usually indicates a modification such as attached cooling fins, water injection, or other refinement, (i.e., - R-2800-32W). In the case of Jet engines, the number is assigned by sequence and does not

indicate thrust or power, it serves only as identification for that specific engine.

Modifications of some aircraft engines made them interchangeable. To resolve conflict during the course of research the manufacturers specifications are used.

The dimensions as listed have been rounded off to the nearest whole number for simplification.

GLIDERS, DRONES, BLIMPS, AND FREE BALLOONS

Gliders, drones, blimps, and free balloons have not been tabulated in this compilation. The mission and service tour of these craft was tangential to the primary mission of Marine Aviation.

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In 1918 the Caquot "M" Kite, a 2-crew observation balloon, was borrowed from the British government and used briefly for training during World War I.

Between 1942-43, the Marine Corps experimented with gliders in the earliest developmental stages of vertical envelopment. The LNE-1, a training glider, by Gould, the LN3-1, a training glider by Schweitzer, and the LRW-1, a transport glider by Waco, had brief utilization before the glider program was dropped. The use of gliders during war-time was predicated on having a sanitized landing zone with sufficient landing room. In the Pacific War such areas were nonexistent.

Another short-lived, but intermittent program between 1943-45 employed drones such as the TDC-2, a target drone by Culver, the TDN-1, an assault drone by Brunswick-Balke-Collender, and the TD3R-1, an assault drone by Interstate.

The ZP2K and the ZTG patrol and training airships, by Goodyear were assigned to Marine Corps Air Facility, Santa Ana, California, in 1953. However, records indicate they were primarily used for salvage and not for flight training.

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YEAR MANUFACTURER ENGINE TYPE DIMENSIONS
DESIGNATION TYPE ASSIGNED AND NAME & HORSEPOWER LENGTH & SPAN

1. AX-1 Bat Boat-1-engine 1913 Curtiss Curtiss 27'2" 37'1" 2 crew, biplane 90 h.p.

The AX-1 was one of the first two aircraft purchased from Curtiss in 1911 for the navy. Originally it was a land plane designated A-2. Shortly after its acquisition it was equipped to operate from the water. Later the A-2 was converted at the Curtiss factory to operate over water and over land from which capabilities it received the name OWL. After this conversion the A-2 was redesignated E-1 on 22 September 1913. When the system of aircraft

designation was changed by General Order No. 88 dated 27 March 1914 the E-1 became the AX-1.

2.	JN-4B	Trainer, 1 engine 2 crew biplane	1917	Curtiss "Jenny"	Curtiss DXX 100 h.p.	27 ' 4 "	43'3"
3.	H-12	Patrol, 2 engine 2 crew, biplane, flying boat	1918	Curtiss	2 Liberty 12 cyl. 300 h.p.	46'1"	95'
4.	н-16	Patrol, 2 engine 2 crew, 4 place, biplane flying boat	1918	Curtiss, Naval Air- craft factory and others	2 Liberty 12 cyl. 300 h.p.	46'1"	95'
5.	HS-2	Patrol, 1 engine 2 crew, biplane flying boat	1918	Curtiss, Naval Air- craft factory; Lowe, Willa: and Fowler; and others	Liberty 12 cyl. 330 h.p.	39'	74'
6.	HS-2L	Patrol, 1 engine 2 crew, biplane	1918	Curtiss; Lowe, Willard, and Fowler; and others.	Liberty 12 cyl. 360 h.p.	39'	74'
7.	Kirkham Fighter	-	1918	Curtiss	Kirkham 400 h.p.	23'4"	31'10'
8.	N-9	Trainer, 1 engine, 2 place, 1 float, biplane, seaplane	1918	Curtiss;	Curtiss h.p.	30'10"	53'4"
				5			
9.	R-6	Trainer, 1 engine, 2 place, biplane, seaplane	1918	Curtiss	Curtiss V-2 200 h.p.	33'5"	57'1"
10.	DH-4	Observation, 1 engine, 2-crew, biplane	1920	Dayton- Wright	Liberty 12 cyl. 360 h.p.	30'2"	42'6"
11.	DH-4B	Observation, 1-engine, 2-crew, biplane	1920	U.S. Army	Liberty 12 cyl. 400 h.p.	30'2"	42'6"
12.	E-1	"M" Fighter, 1-engine, Defense biplane	1920	Standard	LeRhone 80 h.p.	18'11"	24'
13.	HS-1	Patrol, 1-engine, bi-lane, flying	1920	Netherlands Aircraft	Liberty 12 cyl.	38'6"	62'1"

14.	JN-4	Trainer, 1-engine, 2-crew, biplane	1920	Curtiss "Jenny"	Curtiss OXX 100 h.p.	27'1"	43'7"
15.	JN-6- HG-1	Trainer, 1-engine, 2-crew, biplane	1920	Curtiss "Jenny"	Hispano 150 h.p.	27'	43'3"
16.	VE-7	Trainer, 1-engine, 2-crew, biplane	1920	Lewis and Vought	Hispano E-2 180 h.p.	24'5"	34'1"
17.	Fokker C-1	Fighter, 1-engine, 2-crew, biplane	1921	Netherlands Aircraft Company	B.M.W. 243 h.p.	23'8"	34'10"
18.	Fokker D-7	Fighter, 1-engine, 1-crew, biplane	1921	Fokker	Packard 350 h.p.	23'	27'6"
19.	VE-7G	Trainer, 1-engine, 2-crew, biplane, seaplane	1921	Naval Aircraft Factory	Hispano E-2 180 h.p.	24'5"	34'1"
20.	VE-73F	Fighter trainer, 1-engine, 1-crew, land, biplane	1921	Vought	Hispano E-2 180 h.p.	24'5"	34'1"
				6			
21.	DH-4B-1	Observation, 1-engine, 2-crew, biplane	1922	U.S. Army	Liberty 12 cyl. 400 h.p.	30'2"	42'6"
22.	F-5L	Patrol bomber & scout, 2-engine, 2-crew, 5-place, biplane, flying boa		Naval Aircraft Factory; Curtiss; and others	2 Liberty 12 cyl. 360 h.p.	49'4"	103'9"
23.	MB-3	Fighter, 1-engine, 1-crew, biplane	1922	Thomas- Morse	Hispano 300 h.p.	20'	26'
24.	MBT	Torpedo bomber, 2-engine, 3-crew, biplane	1922	Martin	2 Liberty 12 cyl. 400 h.p.	46'4"	71'5"
25.	MBT	Torpedo bomber, 2-engine, 3-crew, biplane	1922	Martin	2 Liberty 12 cyl. 400 h.p.	46'6"	71'5"
26.	DT-2	Torpedo bomber, 1-engine, convertible (land or sea), biplane	1923	Douglas; Naval Air- craft Factory; Lowe, Willa and Fowler	Liberty 12 cyl. 450 h.p.	37'8"	50'
27.	JN-4H	Trainer, 1-engine 2-crew, biplane	1923	Curtiss "Jenny"	Hispano Suiza 150 h.p.	27'	43'8"

28.	T3M-1	Torpedo bomber, 1-engine, 3-crew, 2-float, convertible lower wing had wides span	е,	Martin	Wright 575 h.p.	42'9"	56'7"
29.	VE-9	Observation, 1-engine, 2-crew, biplane	1923	Vought	Wright E-3 180 h.p.	24'6"	34'1"
30.	DH-4B-2	Observation 1-engine, 2-crew, biplane	1925	Naval Aircraft Factory	Liberty 12 cyl. 400 h.p.	30'2"	42'5"
31.	JN-6H	Trainer, 1-engine, 2-crew, biplane	1925	Curtiss "Jenny"	Hispano 180 h.p.	26'11"	43'7"
32.	JN-6H-B	Same configuration	as nu	mber 31.			
				7			
33.	O2B-1	Observation, 1-engine, 2-crew, biplane	1925	Boeing	Liberty 400 h.p.	30'2"	42'6"
34.	TW-3	Trainer, 1-engine, 2-crew, 1-float, biplane, convertible		Dayton Wright "Chummy"	Wright 180 h.p.	25'11"	34'10"
35.	VE-7H	Trainer, 1-engine, 2-crew, 1-float, biplane, seaplane	1925	Vought	Wright E-2 180 h.p.	24'5"	34'2"
36.	F6C-3	Fighter, 1-engine, 1-crew, 2-float, biplane convertible		Curtiss "Hawk"	Curtiss D-12	22'8"	31'6"
37.	FB-1	Fighter, 1-engine, 1-crew, biplane	1926	Boeing	Curtiss D-12 400 h.p.	23'6"	32'
38.	NB-1	Trainer, 1-engine, 2-crew, 1-float, biplane, convertible		Boeing	Wright J-4 200 h.p.	28'9"	36'10"
39.	NB-2	Trainer, 1-engine, 2-crew, 1-float, biplane, convertible		Boeing	Wright E-4 180 h.p.	28'9"	36'10"
40.	NB-1	Trainer, 1-engine, 2-crew, 1-float, biplane convertible		Consol- idated	Wright J-5 200 h.p.	31'5"	34'6"
41.	OD-1	Observation, 1-engine, 2-crew, biplane	1926	Douglas	Packard 1A-1500 500 h.p.	28'8"	39'8"
42.	OL-2	Observation, 1-engine, 2-crew,	1926	Loening	Liberty 400 h.p.	33'10"	45 '

biplane

43.	XS-1	Scout, 1-engine, 1-crew, 2-float, biplane, seaplane	1926	Cox-Klemin	Kinner, 5 RA 84 h.p.	18'2"	18'
				8			
44.	F6C-1	Fighter, 1-engine 2-crew, 2 float, bi-lane, convertibl	1927 e	Curtiss "Hawk"	Curtiss D-12 400 h.p.	22'8"	31'6"
45.	F6C-4	Fighter, 1-engine 2-crew, 2 float, biplane, convertibl	1927 e	Curtiss "Hawk"	Pratt & Whitney R-1300 425 h.p.	22'5"	31'6"
46.	O2U-1	Observation, 1-engine, 2-crew, 1-float biplane, convertibl	1927 e	Vought "Corsair"	Pratt & Whitney R-1300 425 h.p.	24'8"	34'6"
47.	OL-4	Observation, 1-engine, 3-crew, biplane, convertible	1927	Loening	Liberty 400 h.p.	35'1"	45'
48.	OL-6	Observation, 1-engine, 3-crew, biplane, amphibian	1927	Loening	Packard 2A-1500 475 h.p.	35'4"	45'
49.	TA-1	Transport, 3-engine, 2-crew, high wing monoplane	1927	Atlantic; Fokker	3 Wright J-5 220 h.p.	49'1"	63'4"
50.	XF6C-5	Experimental fighter, 1-engine, 1-crew, 2-float, biplane, convertibl		Curtiss "Hawk"	Pratt & Whitney R1700 525 h.p.	25'5"	31'6"
51.	F7C-1	Fighter, 1-engine, 1-crew, 1-float, convertible	1928	Curtiss "Sea Hawk"	Pratt & Whitney R-1340-B 450 h.p.	22'2"	32'8"
52.	F8C-1	Fighter, 1-engine, 2-crew, biplane	1928	Curtiss "Helldiver"	Pratt & Whitney R-1340-B 450 h.p.	25'11"	32'
53.	F8C-3	Same configuration	as num	ber 52.			

54.	NY-1B	Trainer, 1-engine, 2-crew, 1-float, biplane, convertible	1928 e	Consol- idated	Wright J-5 220 h.p.	31'4"	34'6"
55.	O2B-2	Observation, 1-engine, 2-crew, biplane	1928	Naval Aircraft Factory	Liberty 400 h.p.	30'1"	42'5"
56.	OC-1	Observation, 1-engine, 2-crew, biplane	1928	Curtiss "Falcon" (redesig- nated from F8C-1)	Pratt & Whitney R-1340 410 h.p.	28'	38'
57.	OC-2	Same configuration	as Num	ber 56.			
58.	OL-8	Observation, 1-engine, 2-crew, biplane, amphibian	1928	Loening	Pratt & Whitney R-1300 425 h.p.	34'9"	45'
59.	TA-2	Transport, 3-engine, 2-crew, monoplane	1928	Atlantic; Fokker	2 Wright R-790A 300 h.p. 1 Pratt & Whitney 450 h.p.	48'7"	72'10"
60.	UO-1	Observation, 1-engine, 2-crew, 1-float, biplane, convertible	1928	Vought "Corsair"	U-8-D 250 h.p.	29'3"	34'1"
61.	UO-5	Observation, 1-engine, 2-crew, biplane, convertible	1928 e	Vought "Corsair"	Wright J-5 220 h.p.	28'4"	34'4"
62.	XOL-8	Experimental observation, 1-engine, 3-crew, biplane, amphibian	1928	Loening	Pratt & Whitney R-1300 425 h.p.	34'9"	45'
63.	FB-5	Fighter, 1-engine, 1-crew, biplane	1929	Boeing	Packard 2A-1500 475 h.p.	23'2"	32'
				10			
64.	JR-2	Transport, 3-engine, 2-crew, 10-passenger, high wing monoplane		Ford "Tin Goose"	3 Wright R-790A 300 h.p.	49'10"	74'
65.	OL-3	Observation, 1-engine, 3-crew,	1929	Loening	Packard 2A-2500	35'1"	45'

		biplane, amphibian			475 h.p.		
66.	XHL-1	Experimental transport, 1-engine, 2-crew, biplane, amphibian cabin-ambulance	1929	Loening	Pratt & Whitney R-1690 525 h.p.	34'9"	46'10"
67.	F8C-5	Fighter, 1-engine, 2-crew, biplane	1930	Curtiss	Pratt & Whitney R-1340C 450 h.p.	25'11"	32'
68.	Same co	onfiguration as numbe	er 64.				
69.	O2U-4	Observation, 1-engine, 2-crew, 1-float, biplane, convertible	1930	Vought "Corsair"	Pratt & Whitney R-1340C 450 h.p.	30'	36'
70.	TA-3	Transport, 3-engine, 2-crew, high wing monoplane	1930	Atlantic; Naval Aircraft Factory	3 Wright R-975 300 h.p.	48'1"	63'4"
71.	XN2B-1	Experimental trainer, 2-crew, biplane	1930	Boeing	Wright R540 165 h.p.	25'8"	35'
72.	XOC-3	Experimental observation, 1-engine, 2-crew, biplane,	1930	Curtiss "Falcon"	Pratt & Whitney R-1300 425 h.p.	28'	38'
73.	NT-1	Trainer, 1-engine, 2-crew biplane	1931	New Standard	Kinner K-5 115 h.p.	24'7"	30'
74.	02C-1	Same configuration	as num	ber 67.			
75.	O3U-2	Observation 1-engine 2-crew	1931	Vought "Corsair"	Pratt & Whitney R-1690C	26'	36'
				11			
76.	OL-9	Observation, 1-engine 2-crew, biplane, amphibian	1931	Loening	Pratt & Whitney R-1340C 450 h.p.	34'9"	45'
77.	OP-1	Observation 1-engine 2-crew, autogiro	1931	Pitcairn	Wright R-975 300 h.p.	23'1"	Rotor 30'3"
78.	RA-3	Same configuration	as num	ber 70.			
79.	RC-1	Transport, 2-engine, 2-crew,	1931	Curtiss "Kingbird"	2 Wright R-975	34'10"	54'6"

		ambulance, high wing, boxtail, monop	plane		300 h.p.		
80.	RR-2	Same configuration	as numl	ber 64.			
81.	RR-3	Transport, 3-engine, 2-crew, 10-passenge: high winged monoplan		Ford "Tin Goose"	3 Pratt & Whitney R-1340-C 450 h.p.	50'3"	77'10"
82.	RS-1	Transport, 2-engine, 2-crew, 7-passenger, high wing, parasol wing, amphibian	1931	Sikorsky	2 Pratt & Whitney R-1860 575 h.p.	45'2"	79'9"
83.	RS-3	Transport, 2-engine, 2-crew, 8-passenger, biplane, amphibian	1931	Sikorsky	2 Pratt & Whitney R-1340-C 450 h.p.	40'3"	71'8"
84.	T4M-1	Torpedo bomber, 1-engine, 3-crew, biplane, convertible		Martin	Pratt & Whitney R-1690 525 h.p.	37'8"	53'
85.	F4B-4	Fighter, 1-engine, 1-crew, biplane, land-carrier	1932	Boeing	Pratt & Whitney R-1340-D 500 h.p.	20'4"	30'
86.	RR-5	Same configuration a	as numl	ber 81.			
				12			
87.	SU-2	Scout, 1-engine, 2-crew, biplane land-carrier	1932	Vought "Corsair" (formerly O3U-4)	Pratt & Whitney R-1690-C 600 h.p.	26'	36'
88.	F3B-1	Fighter, 1-engine, 1-crew, 1-float, biplane, convertible land- battle-ship-carrier	1933	Boeing	Pratt & Whitney R-1340-B, 450 h.p.	24'10"	33'
89.	N2C-2	Trainer, 1-engine 2-crew, biplane, convertible	1933	Curtiss "Fledgling"	Wright R-760A 240 h.p.	27'9"	39'1"
90.	RE-3	Transport, 1-engine,2-crew, 4-passenger, high-wing, monoplane	1933 e	Bellanca "Pacemaker"	Pratt & Whitney R-1340-CD 450 h.p.	27'10"	46 ' 4 "
91.	SU-3	Scout, 1-engine 2-crew, biplane, land-carrier	1933	Vought "Corsair"	Pratt & R-1690C, 600 h.p.	26'	36'

92.	F4B-3	Fighter, 1-engine, 1-crew, biplane land-carrier	1934	Boeing	Pratt & Whitney R-1340D 500 h.p.	20'	30'
93.	JF-1	Utility, 1-engine, 2-crew, biplane, amphibian boat hull	1934	Grumman "Duck"	Pratt & Whitney R-1830-62 700 h.p.	14'4"	39'
94.	R2D-1	Transport, 2-engine, 2-crew, 14-passenger, low-wing, monoplane	1934	Douglas	2 Wright R-1820-12 725 h.p.	62'	85'
95.	R4C-1	Transport, 2-engine, 2-crew, 14-passenger, biplan	1934 ne	Curtiss- Wright "Condor"	2 Wright R-1820-12 725 h.p.	50'3"	82'
96.	R9-4	Transport, 3-engine, 2-crew 10 passenger, all metal cabin, high-wimonoplane	1934 ing	Ford "Tin Goose"	Pratt & Whitney R-1340-96 450 h.p.	50'3"	77'10"
				13			
97.	SU-1	Scout, 1-engine, 2-crew, biplane, carrier	1934	Vought "Corsair" (redesig- nated from O3U-2)	Pratt & Whitney R-1690-40 600 h.p.	26'3"	36'
98.	BG-1	Bomber, 1-engine, 2-crew, biplane, staggered wing, land-carrier	1935	Great Lakes	Pratt & Whitney R-1535-66 700 h.p.	28'9"	36'
99.	JF-2	Utility, 1-engine, 2-crew, biplane, amphibian boat hull	1935	Grumman "Duck"	Pratt & Whitney R-1820-62 700 h.p.	14'4"	39'
100.	O3U-6	Observation scout, 1-engine, 2-crew, biplane, convertible, land or		Vought "Corsair"	Pratt & Whitney R-1340-12 550 h.p.	27'2"	36'
101.	RD-3	Transport, 2-engine, 2-crew, 7-passenger, high-way monoplane, amphibian boat hull	ing,	Douglas	2 Pratt & Whitney R-1340-96 450 h.p.	45'2"	60'
102.	SOC-1	Scout observation, 1-engine, 2-crew, biplane, convertible		Curtiss "Seagull"	Pratt & Whitney R-1340-96	26'10"	36'

	equipped for catapul	lt		550 h.p.		
103. F2A-1	Fighter, 1-engine, 1-crew, mid-wing monoplane		Brewster "Buffalo"	Pratt & Whitney R-1820-22 850 h.p.	26'	35'
104. F3F-1	Fighter, 1-engine 1-crew, biplane, land-carrier	1936	Grumman	Pratt & Whitney R-1535-84 650 h.p.	23'5"	32'
105. O3U-1	Observation, 1-engine, 2-crew, biplane, convertible battleship and carri		Vought "Corsair"	Pratt & Whitney R-1340-96 450 h.p.	29'11"	36'
			14			
106. RD-2	Transport, 2-engine 2-crew, 7-passenger, high-wing monoplane boat hull	1936	Douglas	2 Pratt & Whitney R-1340-96 450 h.p.	45'3"	60'
107. SU-4	Scout, 1-engine, 2-crew, biplane, land-carrier	1936	Vought "Corsair"	Pratt & Whitney R-1690-42 600 h.p.	28'	36'
108. XBG-1	Experimental bomber, 1-engine 2-crew, biplane, carrier	1936	Great Lakes	Pratt & Whitney R-1535-66 700 h.p.	33'9"	36'
109. F2F-1	Fighter, 1-engine, 1-crew, biplane, land-carrier	1937	Grumman	Pratt & Whitney R-1535-72 750 h.p.	21'2"	28'6"
110. F3F-2	Fighter, 1-engine, 1-crew, biplane	1937	Grumman	Pratt & Whitney R-1535-84 650 h.p.	23'2"	32'
111. J2F-1	Utility, 1-engine, 2-crew, biplane, amphibian, boat hull	1937 l	Grumman "Duck"	Pratt & Whitney R-1820-08 750 h.p.	34'	39'
112. JO-2	Transport, 2-engine, 2-crew, 6-passenger, aircrait low-wing monoplane	1937 Et	Lockheed	2 Pratt & Whitney Aircraft R-985-48 400 h.p.	36'4"	49'6"
113. C-3	Scout bomber,	1937	Curtiss	Pratt &	28'	34'

	1-engine, 2-crew, biplane, carrier-land		"Helldiver"	Whitney Aircraft, R-1535-94 750 h.p.		
114. XB2G-1	Experimental bomber, 1-engine, 2-crew, biplane, land-carrier	1937	Great Lakes	Pratt & Whitney Aircraft, R-1535-94 750 h.p.	28'10"	36'
			15			
115. XF13C-3	Experimental fighter, 1-engine, 1-crew, high wing monoplane, land carrier	1937	Curtiss	Wright XR-1510-12 700 h.p.	26'4"	35'
116. J2F-2	Utility, 1-engine, 2-crew, biplane, amphibian, boat hul		Grumman "Duck"	Wright R-1820-30 750 h.p.	33'	39'
117. JRS-1	Utility transport, 2-engine, 5-crew, wing, high-wing, monoplane, flying b		Sikorsky	Wright R-1690-52 600 h.p.	51'11"	86'
118. O3U-3	Observation, 1-engine, 2-crew, biplane, convertible	1938 e	Voight "Corsair"	Pratt & Whitney Corp. R-1340-12 600 h.p.	31'	36'
119. SB2U-1	Scout bomber, 1-engine, 2-crew, low-wing monoplane	1938	Voight- Sikorsky "Corsair"	Pratt & Whitney Twin-Wasp 750 h.p.	34'	42'
120. SOC-3	Scout Observation, 1-engine, 2-crew, biplane, convertible catapult		Curtiss Wright "Seagull"	Pratt & Whitney R-1340-22 550 h.p.	31'1"	36'
121. TG-1	Torpedo-bomber, 1-engine, 3-crew, 2-float, biplane, convertible carrier	1938	Great Lakes	Pratt & Whitney R-1690-28 525 h.p.	34'8"	53'
122. F3F-3	Fighter, 1-engine, 1-crew, biplane, land-carrier	1939	Grumman	Wright Cyclone 750 h.p.	23'3"	32'
123. J2F-2A	Utility, 1-engine, 1-crew, biplane, amphibian	1939	Grumman "Duck"	Wright R-180-F5A 775 h.p.	34'	39'

124. J2F-4	Utility, 1-engine, biplane, amphibian, boat hull		Grumman "Duck"	Wright Cyclone 725 h.p.	34'	39'
125. F-1A	Utility, 2-engine, 4-crew, high-winged monoplane, boat hul	,	Grumman "Goose"	2 Pratt & Whitney Wasp Junior SI Radial 450 h.		49'
126. SBC-4	Scout-bomber, 1-engine, 2-crew, biplane, land- carrier	1939	Curtiss "Hell- driver"	Wright Cyclone R-1820-G-3 875 h.p.	27'5"	34'
127. XSBC-4	Experimental scout-bomber, 1-engine, 2-crew, biplane, land-carrie	1939 er	Curtiss "Helldiver"	Wright Cyclone R-1820-G-3 875 h.p.	27'5"	34'
128. R3D-2	Transport, 2-engine, 4-crew, high-wing monoplane	1940	Douglas	2 Wright Cyclones GR-1820-G102A 1100 h.p.	62'2"	78'
129. SBD-1	Scout-bomber, 1-engine, 2-crew, low-wing monoplane	1940	Douglas "Daunt- less"	Wright Cyclone R-1820 950 h.	32'	41'
130. SNJ-2	Scout trainer, 1-engine, 2-crew, low-wing monoplane	1940	North American "Texan"	Wright Whirlwind 400 h.p.	28'11"	41'
131. F2A-3	Fighter, 1-engine, 1-crew, mid-wing monoplane, carrier	1940	Brewster "Buffalo"	Pratt & Whitney F-1820-40 1000 h.p.	26'4"	35'
132. F4F-3	Fighter, 1-engine, 1-crew, mid-wing monoplane, carrier	1941	Grumman	Pratt & Whitney Twin Wasp R-1830 1200 h	28'10"	38'
133. F4F-3A	Same configuration	as num	ber 132.			
			17			
134. FF-1	Fighter, 1-engine, 2-crew, biplane, carrier	1941	Grumman; Naval Air- craft Factory	Wright SR-1820-F 890 h.p.	24'6"	34'6"
135. JRB-2	Utility-transport, 2-engine, 2-crew, 4-passenger, low-wing, monoplane	1941	Beech "Navi- gator"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"

136. JRF-4	Utility-transport, 1941 2-crew, 4-passenger, high-wing, monoplane, boat hull	Grumman "Goose"	2 Pratt & Whitney Wasp Junior R-985-ANG	38'4"	49'
137. SB2U-3	Scout bomber, 1941 1-engine, 2-crew, low-wing, mono- plane, carrier	Vought "Vindi- cator"	Pratt & Whitney Twin Wasp Junior 750 h.	34'4" p.	42'
138. SBD-2	Scout bomber, 1941 1-engine, 2-crew, split-flaps, perforated dive brakes, low-wing monoplane	Douglas "Daunt- less"	Wright Cyclone 950 h.p.	32'	41'
139. SNJ-3	Scout trainer, 1941 1-engine, 2-crew, low-wing monoplane	North American "Texan"	Pratt & Whitney Wasp S341 550 h.p.	29'	42'
140. TBD-1	Torpedo bomber, 1941 1-engine, 3-crew, low-wing monoplane carrier	Douglas "Devasta- tor"	Pratt & Whitney Twin Wasp Junior 825 h.p.	35'6"	50'
141. BD-2	Bomber, 2-engine, 1942 3-crew, mid-wing monoplane	Douglas "Havoc"	2 Wright R-2600-A5B 1600 h.p.	47'3"	61'4"
142. F2A-2	Fighter, 1-engine, 1942 1-crew, low-wing monoplane	Brewster "Buffalo"	Wright Cyclone 850 h.p.	26'	35'
		18			
143. F4F-3P	Same configuration as num	ber 132.			
144. F4F-4	Same configuration as num	nber 132.			
145. F4F-7	Long-range 1942 reconnaissance, 1-engine, 1-crew, mid-wing monoplane, no armament	Grumman "Wildcat"	Wright R-1820 1100 h.p.	28'10"	38'
146. F4U-1	Fighter, 1-engine, 1942 1-crew, inverted low-gull wing monoplane	Vought Sikorsky "Corsair"	Pratt & Whitney R-2800-8 2000 h.p.	30'	40'
147. GB-2	Transport, 1942 1-engine, 2-crew, 3-passenger, biplane	Beech "Traveler"	Pratt & Whitney Wasp Junior 450 h.p.	26'	32'

148. GH-1	Transport, 19 1-engine, 1-crew, 3-passenger, hi-wing monoplane	942	Howard "Nightin- gale"	Pratt & Whitney Wasp Junior 450 h.p.	26'	32'
149. J2F-3	Utility, 1-engine, 192-crew, biplane, amphibian	942	Gruman "Duck"	Wright R-1820 F52 890 h.p.	34'	39'
150. J2F-5	Same configuration as	numb	per 149.			
151. JE-1	Utility transport, 19 1-engine, 2-crew, 3-passenger, hi-wing monoplane		Bellanca "Pace- maker"	Wright Whirlwind	27'11"	50'6"
152. JRF-1	Utility transport, 19 2-engine, 2-crew, 5-passenger, high-wing amphibian	942	Grumman "Goose"	2 Pratt & Whitney Wasp Junior SB radial 450 h.g	38'4"	49'
			19			
153. JRF-5	Utility transport, 19 2-engine, 2-crew, 5-passenger, high-wing amphibian	942	Grumman "Goose"	2 Pratt & Whitney Wasp Junior SB radial 450 h.g	38'4"	49'
154. N2T-1	Trainer, 1-engine, 192-crew, low-wing monoplane	942	Timm "Tutor"	Continental Engine 220 h.p.	24'10"	36'
155. N3N-3	Trainer, 1-engine, 19 2-crew, biplane, floatplane, con- vertible to land use		Naval Aircraft Factory "Yellow Peril"	Naval Aircraft Factory R-760-2 220 h.p.	25'1"	34'
156. NE-1	Trainer, 1-engine, 19 2-crew, high-wing monoplane		Piper "Grass- hopper"	Continental 65 h.p.	22'3"	35'3"
157. OS2N-1	Observation scout, 19 1-engine, 2-crew, low-wing floatplane convertible to land use		Naval Aircraft Factory "King- fisher"	Pratt & Whitney Wasp Junior R-985	33'8"	35'11"
158. OS2U-2	Same configuration as	numb	per 157.			
159. OS2U-3	Same configuration as	numb	per 157.			
160. PB4Y-1	Patrol bomber, 19 4-engine, 6-10 crew, high-wing monoplane		Consoli- dated "Libe- rator"	4 Pratt & Whitney Twin Wasp R-1830-S4C4G 1200 h.p.	66'4"	110"

161. PBY-5A	Patrol bomber, 2-engine, 7-crew parasol-wing amphibian boat hull	1942	Consoli- dated "Catalina"	2 Pratt & Whitney Twin Wasp R-1830-S3C4G 1200 h.p.	65'1"	104'
			20			
162. R4D-1	Transport, 2-engine, 3-crew cargo, low-wing monoplane	1942	Douglas "Skytrain"	2 Wright GR-1830-SIC3G 1200 h.p.	64'6"	95'
163. R4D-3	Same configuration a number 162.	as	"Skytrooper	п		
164. R4D-4	Same configuration a number 162.	as	"Skytrooper	"		
165. R50-4	Transport, 2-engine, 4-pas- senger, low-wing monoplane	1942	Lockheed "Lodestar"	2 Wright R-1820 G205A 1200 h.p.	49'10"	65'6"
166. SB2A-4	Scout bomber, 1-engine, 2-crew, low-wing monoplane	1942	Brewster "Buc- caneer"	Wright 14 GR-2600 1650 h.p.	38'6"	47'
167. SBD-3	Scout bomber, 1-engine, 2-crew, low-wing monoplane, perforated flaps	1942	Douglas "Daunt- less"	Wright R-1820 1100 h.p.	33'1"	41'7"
168. SBD-4	Scout bomber, 1-engine, 2-crew, low-wing monoplane perforated flaps	1942	Douglas "Daunt- less"	Wright R-1820 1200 h.p.	33'1"	41'7"
169. SNC-1	Scout trainer, 1-engine, 2-crew, low-wing monoplane	1942	Curtiss "Falcon"	Wright Whirlwind R-975E3 420 h.p.	26'6"	35'
170. SNJ-1	Scout trainer, 1-engine, 2-crew, low-wing monoplane	1942	North American "Texan"	Pratt & Whitney Wasp S3H1 550 h.p.	29'	42'
171. SNJ-4	Scout trainer, 1-engine, 2-crew, low-wing monoplane	1942	North American "Texan"	Pratt & Whitney Wasp R-1340 ANI 550 h.p.	29'	42'
172. TBF-1	Torpedo bomber, 1-engine, 3-crew, mid-wing monoplane	1942	Grumman "Avenger"	Wright Cyclone 14 1600 h.p.	41'	54'2"

173. <i>I</i>	AE-1	Ambulance utility, 1-engine, 1-crew, 1-litter, high-wing monoplane	1943	Piper "Grass- hopper"	Continental A-75-8 75 h.p.	22'6"	35'6"
174. E	F6F-3	Fighter, 1-engine, 1-crew, low-wing monoplane	1943	Grumman "Hellcat"	Pratt & Whitney R-2800-10 2000 h.p.	33'7"	42'10"
175. E	F6F-3N	Same configuration a	as numl	ber 174.			
176. E	FG-1	Fighter, 1-engine, 1-crew, inverted, gull-wing monoplane	1943	Goodyear "Corsair"	Pratt & Whitney R-2800 2000 h.p.	33'4"	41'
177. E	FM-1	Fighter, 1-engine, 1-crew, mid-wing monoplane	1943	General Motors	Wright R-1820 1200 h.p.	28'11"	38'
178. (GB-1	Utility transport, 1-engine, 2-crew, 3-passenger, biplane	1943 e	Beech "Traveler"	Pratt & Whitney Wasp Junior 450 h.p.	26'	32'
179. (GH-2	Utility transport, 1-engine, 1-crew, 1-passenger, 2-litte high-wing monoplane	1943 er,	Howard "Night- ingale"	Pratt & Whitney Wasp Junior 450 h.p.	26'	38'
180. 0	GK-1	Utility transport, 1-engine, 2-crew, high-wing monoplane	1943	Fairchild "For- warder"	Warner Super Scarab 165 h.p.	23'10"	36'4"
181. F	HE-1	Utility hospital transport, 1-engine, 1-crew, 1-litter, high-wing monoplane	1943	Piper "Grass- hopper"	Continental A-75-8 75 h.p	27'6"	35'6"
182. 5	J4F-1	Utility, 2-engine, 3-crew, amphibian high-wing monoplane	1943	Grumman "Widgeon"	2 Ranger 6-440C-5 200 h.p. Inline	31'	40'

22

183	3.	J41	F-2		Same	C	onfi	gur	atio	on	as	num	ber	18	32	
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184. JK-1 Same configuration as number 180.

185. JM-1	Utility, 2-engine,	1943	Martin	2 Pratt	58'2"	71'
	3-crew, high-wing		"Marauder"	& Whitney		

	monoplane			R-2800 2000	h.p.	
186. JRB-1	Utility transport, 2-engine, 2-crew, 4-passenger, low-win monoplane		Beech "Expeditor"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
187. JRC-1	Utility transport, 2-engine, 2-crew, 3-passenger, low-win monoplane		Cessna "Bobcat"	2 Jacobs R-7559 215 h.p.	32'9"	41'11"
188. NH-1	Trainer, 1-engine, 2-crew, high-wing monoplane	1943	Howard "Night- ingale"	Pratt & Whitney Wasp Junior 450 h.p.	26'	38'
189. NP-1	Trainer, 1-engine, 2-crew, biplane	1943	Spaftan	Lycoming R-680-8 220 h.p.	24'2"	33'8"
190. PBJ-1	Patrol-bomber, 2-engine, 5-crew, high-wing monoplane		North American "Mitchell"	2 Wright GR-2600 1600 h.p.	52'10"	67'6"
191. PBJ-1D	Same configuration a	as num	ber 190.			
192. PBY-1	Patrol-bomber, 5-crew, flying boat, parasol wing	1943	Consoli- dated Vultee "Catalina"	2 Pratt & Whitney R-1830-92 1200 h.p.	63'10"	104'
193. PV-9	Patrol, 2-engine, 4-crew, mid-wing monoplane	1943	Vega "Ventura"	2 Pratt & Whitney R-2800-31A4G 2000 h.p.	51'2"	65'6"
			23			
194. R4D-5	Transport, (C-47H) 2-engine, 3-crew, 28-passenger cargo, low-wing mono	î,	Douglas "Skytrain"	2 Pratt & Whitney Twin Wasp R-1830 1200 h	63'10"	95'
195. RSC-1	Transport, 2-engine, 2-crew, 40-passenger, cargo, double deck low-wing monoplane	1943	Curtiss "Commando"	2 Pratt & Whitney Double Wasp 2000 h.p.	76'4"	108'1"
196. R5D-5	Transport, 4-engine, (C-54S) 6-crew, 49-passenger cargo, low-wing monoplane	1943	Douglas "Skymaster"	4 Pratt & Whitney 2000 h.p.	93'11"	117'6"
197. R50-1	Transport, 2-engine, 4-crew, 14-passenger,	1943	Lockheed "Lodestar"	2 Wright Cyclone 1000 h.p.	49'9"	65'6"

low-wing monoplane

198. R50-5	Transport, 2-engine, 4-crew, 12-passenger, low-wing monoplane			49'9"	65'6"
199. R50-6	Transport, 2-engine, 3-crew, 18-passenger, low-w monoplane			49'9"	65'6"
200. SB2C-1	Scout-bomber, 1-engine, 2-crew, low-wing split flap monoplane			35'8"	49'9"
201. SBD-3P	Scout-bomber, 1-engine, 2-crew, low-wing perforated flap monoplane	2	_	34' 4	1'7"
202. SBD-4P	Scout-bomber, 1-engined 2-crew, low-wing perforated flap monoplane	-		33'11"	41'6"

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203. SBD-5	Same configuration a	as num	ber 202.			
204. SBD-5A	Same configuration a	as num	ber 202.			
205. SNB-1	Trainer, 2-engine, 4-crew, low-wing monoplane	1943	Beech "Kansan"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
206. SNB-2	Trainer, 2-engine, 4-crew, low-wing monoplane	1943	Beech "Naviga- tor"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'11"	47'8"
207. SNJ-5	Trainer, 1-engine, 2-crew, low-wing monoplane	1943	North American "Texan"	Pratt & Whitney Wasp R-1340 550 h.p.	29'	42'
208. SNV-1	Scout-trainer, 1-engine, 2-crew, low-wing monoplane	1943	Vultee "Valiant"	Pratt & Whitney Wasp Junior 450 h.p.	28'10"	42'
209. ТВМ-1	Torpedo-bomber, 1-engine, 3-crew, mid-wing monoplane	1943	General Motors "Avenger"	Wright R-2600 1600 h.p.	41'	54'2"

210. F3A-1	Fighter, 1-engine, 1944 1-crew, land, inverted gull-wing monoplane	Brewster "Corsair"	Pratt & Whitney R-2800-8 2000 h.p.	33'4"	41'
211. F4U-1C	Fighter, 1-engine, 1944 1-crew, land, inverted gull-wing monoplane first used w/20mm cannon for armament	Vought "Corsair"	Pratt & Whitney R-2800-8W 2000 h.p.	33'4"	41'
212. F4U-1D	Fighter, 1-engine, 1944 1-crew, land, inverted gull-wing monoplane, w/pylons for drop tanks	Vought "Corsair"	Pratt & Whitney R-2800-8W 2000 h.p.	33'4"	41'
	2	25			
213. F6F-3E	Fighter, 1-engine, 1944 1-crew, land, low-wing monoplane	Grumman "Hellcat"	Pratt & Whitney R-2800-10 2000 h.p.	33'6"	42'10"
214. F6F-3P	Same configuration as num	ber 213.			
215. F6F-5	Same configuration as num	ber 213.			
216. F6F-5N	Same configuration as num	nber 213.			
217. F6F-5P	Same configuration as num	nber 213.			
218. F7F-1N	Fighter 1944 (carrier-catapult), 2-engine, 1-crew, land, high mid-wing monoplane	Grumman "Tigercat"	2 Pratt & Whitney R-2800-22 2000 h.p.	45'4"	51'6"
219. FG-1A	Fighter, 1-engine, 1944 1-crew, land, inverted gull-wing monoplane	Goodyear "Corsair"	Pratt & Whitney R-2800-9 2000 h.p.	33'4"	41'
220. GH-3	Transport, 1944 1-engine, 1-crew, 3-passenger, land, high-wing monoplane	Howard "Night- ingale"	Pratt & Whitney Wasp Junior 450 h.p.	26'	38'
221. J2F-6	Utility, 1-engine, 1944 2-crew, amphibian, biplane	Columbia "Duck"	Wright R-1820-F52 890 h.p.	34'	39'
222. JRB-3	Utility-transport, 1944 2-engine, 2-crew, 3-4 passenger, land, monoplane	Beech "Navi- gator"	2 Pratt & Whitney Wasp Junior R-985 450 h.p	34'3"	47'8"
223. JRB-4	Utility-transport, 1944 2-engine, 2-crew,	Beech "Navi-	2 Pratt & Whitney	34'3"	47'8"

224. N2S-3	Trainer, 1-engine, 1944 2-crew, land, biplane	Stearman "Kaydet"		_	32'2"
	;	26			
225. N2S-5	Same configuration as nur	mber 224.			
226. OY-1	Observation, 1944 1-engine, 2-crew, convertible, high-	Consoli- dated- Vultee	Lycoming C-435-C "Sentinel" 190 h.p.	24'	34'
227. PBJ-1C	Same configuration as nur	mber 190.			
228. PBJ-1G	Same configuration as nur	mber 190.			
229. РВЈ-1Н	Patrol-bomber, 1944 2-engine, 5-crew, land, high-wing, monoplane first use of 75mm cannon	North American "Mitchell"	2 Wright GR-2600-9 1600 h.p.	54'	67'5"
230. PBJ-1J	Same configuration as nur	mber 190.			
231. PBO-1	Patrol-bomber, 1944 2-engine, 5-crew, land, low-wing monoplane	Lockheed "Hudson"	2 Wright GR-1820-G205A 1200 h.p.	44'4"	65'6"
232. R30-2	Transport, 1944 2-engine, 2-crew, 5-passenger, land, low-wing monoplane	Lockheed	2 Pratt & Whitney R-985 450 h.p.	36'4"	49'6"
233. R4D-2	Transport, 1944 2-engine, 3-crew, land, low-wing monoplane	Douglas "Sky- trooper"	2 Pratt & Whitney	64'5"	95'
234. R4D-6 (C-47J)	Same configuration as nur	mber 194.			
235. SB2A	Scout-bomber, 1944 1-engine, 2-crew, land, low-wing monoplane	Brewster "Buccaneer"	Wright 14 R-2600-8 1600 h.p.	39'2"	47'
236. SB2C- 1A	Scout-bomber, 1944 1-engine, 2-crew, land, low-wing monoplane, split flaps	Curtiss- Wright "Hell- Diver"	Wright 14 R-2600-8 1600 h.p.	36'4"	49'9"

5 passenger, land, gator" Wasp Junior

R-985 450 h.p.

monoplane

237. SB2C- 1C	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	344	Curtiss- "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'4"	49'9"
238. SB2C-3	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane,	944	Curtiss- "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'8"	49'9"
239. SB2C-4	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	3	Curtiss- "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'3"	49'9"
240. SB2C- 4E	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	344	Curtiss- "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'3"	49'9"
241. SBD-6	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	3	Douglas- "Daunt- less"	Wright R-1820-66 1200 h.p.	33'	41'7"
242. SBF-1	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	3	Fairchild "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'4"	49'9"
243. SBF-3	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	3	Fairchild "Hell- Diver"	Wright R-2600-8 1600 h.p.	36'8"	49'9"
244. SBW-3	Scout-bomber, 19 1-engine, 2-crew, land, low-wing monoplane, split flaps	3	Canadian Car and Foundry Company "Hell-Diver	Wright R-2600-8 1600 h.p.	36'8"	49'9"
245. SNB-2C	Trainer, 2-engine, 19 5-crew, low-wing monoplane	944	Beech "Navigator"	2 Pratt & Whitney Wasp Junior R-985 450 h.p.	34'3"	47'8"

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246. TBF-1C Torpedo-bomber, 1944 Grumman Wright 41' 54'2" 1-engine, 3-crew, "Avenger" GR-2600 land, mid-wing monoplane 1600 h.p.

247. TBM-1C Same configuration as number 246.

Pract & 33.8	248. TBM-3	Same configuration as nur	mber 246.			
1-crew, land, low-wing monoplane	249. F4U-4	<pre>1-crew, land/carrier, inverted gull-wing</pre>		Whitney R-2800-18W		41'
2-crew, land, high midd-wing monoplane 252. F7F-2F Same configuration as number 251. 253. F7F-3 Same configuration as number 251. 254. F7F-3N Same configuration as number 251. 255. F7F-3P Fighter, 2-engine, land, high mid-wing monoplane 256. FG-ID Fighter, 1-engine, land, mid-wing monoplane 257. FM-2 Fighter, 1-engine, land, mid-wing monoplane 258. PB4Y- Patrol-bomber, land, mid-wing monoplane 259. PB4Y-1Z Same configuration as number 251. 258. PB4Y- Is Same configuration as number 251. 259. PB4Y-1Z Same configuration as number 251. 250. SBF-4E Scout-bomber, land, land, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, land, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, land, low-wing monoplane, split flaps 250. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 262. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 263. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 264. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps	250. F6F-5E	1-crew, land,		Whitney R-2800-18W		42'10"
253. F7F-3N Same configuration as number 251. 254. F7F-3N Same configuration as number 251. 255. F7F-3P Fighter, 2-engine, 1945 Grumman 1-crew, land, high-wing monoplane "Oracew, land, inverted gull-wing monoplane "Corsair" Whitney R-2800-22W 2200 to 2400 h.p. 256. FG-ID Fighter, 1-engine, 1945 Goodyear "Corsair" Whitney R-2800-8 2000 h.p. 257. FM-2 Fighter, 1-engine, 1945 General Pratt & 28'10" 38' Whitney R-1820-56 1200 h.p. 258. PB4Y- Patrol-bomber, 1945 General Pratt & 28'10" 38' Whitney R-1820-56 1200 h.p. 29 258. PB4Y- Patrol-bomber, 1945 Consol- dated Whitney R-1830-43 high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Wright 1-engine, 2-crew, land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 and R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 262. SBF-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 263. SBF-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 2645. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 2656. FG-ID Fighter, 1-gight 36'3" 49'9" land, low-wing monoplane, split flaps	251. F7F-2N	2-crew, land, high mid-wing		Whitney R-2800-22W		51'6"
254. F7F-3N Same configuration as number 251. 255. F7F-3P Fighter, 2-engine, 1945 Grumman 2 Pratt & 31'2" 51'6" whitney R-2800-22W 2200 to 2400 h.p. 256. FG-ID Fighter, 1-engine, 1945 Goodyear Pratt & 33'5" 41' whitney R-2800-8 2000 h.p. 257. FM-2 Fighter, 1-engine, 1945 General Pratt & 28'10" 38' whitney R-2800-8 2000 h.p. 257. FM-2 Fighter, 1-engine, 1945 General Pratt & 28'10" 38' whitney R-1820-56 1200 h.p. 258. PB4Y- Patrol-bomber, 1945 General Pratt & 67'2" 110' whitney R-1820-56 1200 h.p. 29 258. PB4Y- Patrol-bomber, 1945 Consol- dated Whitney R-1830-43 high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Wright R-2600-20 R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 262 Car and R-2600-20 land, low-wing monoplane, split flaps 263 Canadian R-2600-20 land, low-wing monoplane, split flaps 264 Canadian R-2600-20 land, low-wing monoplane, split flaps 265 Canadian R-2600-20 land, low-wing monoplane, split flaps 266 Car and R-2600-20 land, low-wing "Helldiver" land, low-wing "Low-wing "Low-wing "Low-wing "Low-wing "Low-wing "Low-w	252. F7F-2F	Same configuration as nur	mber 251.			
255. F7F-3P Fighter, 2-engine, 1945 Grumman 1 2 Pratt & 31'2" 51'6" Night mid-wing monoplane 2200 to 2400 h.p. 256. FG-ID Fighter, 1-engine, 1-crew, land, inverted gull-wing monoplane 257. FM-2 Fighter, 1-engine, 1-crew, land, mid-wing monoplane 258. PB4Y- Patrol-bomber, 10-passenger, land, high-wing monoplane 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, land, low-wing monoplane, split flaps 260 SBF-4E Scout-bomber, land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 27 Company "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 28 Car and R-2600-20 land low-wing monoplane, split flaps 29 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land, low-wing monoplane, split flaps 20 Car and R-2600-20 land,	253. F7F-3	Same configuration as nur	mber 251.			
1-crew, land, high mid-wing monoplane	254. F7F-3N	Same configuration as nur	mber 251.			
l-crew, land, inverted gull-wing monoplane 257. FM-2 Fighter, 1-engine, 1945	255. F7F-3P	<pre>1-crew, land, high mid-wing</pre>		Whitney R-2800-22W		51'6"
l-crew, land, mid-wing monoplane "Wildcat" R-1820-56 1200 h.p. 29 258. PB4Y- Patrol-bomber, 1945 Consol- 4 Pratt & 67'2" 110' 1F 4-engine, 6-crew, dated Whitney 10-passenger, land, high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Pairchild R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright 1-engine, 2-crew, land, low-wing monoplane, split flaps 262. Canadian R-2600-20 land, low-wing monoplane, split flaps 263. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 264. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps 265. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing monoplane, split flaps	256. FG-ID	<pre>1-crew, land, inverted gull-wing</pre>	-	Whitney R-2800-8	33'5"	41'
258. PB4Y- Patrol-bomber, 1945 Consol- 4 Pratt & 67'2" 110' 1F 4-engine, 6-crew, dated Whitney 10-passenger, land, high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Wright "R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing Foundry 1600 h.p. Wright monoplane, split flaps Company "Helldiver"	257. FM-2	1-crew, land,	Motors	Whitney R-1820-56	28'10"	38'
1F 4-engine, 6-crew, dated Whitney 10-passenger, land, high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Wright R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing Foundry 1600 h.p. Car and R-2600-20 land, low-wing monoplane, split flaps Company "Helldiver"			29			
1F 4-engine, 6-crew, dated Whitney 10-passenger, land, high-wing monoplane "Liberator" 1200 h.p. 259. PB4Y-1Z Same configuration as number 258. 260. SBF-4E Scout-bomber, 1945 Fairchild Wright R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian R-2600-20 land, low-wing Foundry 1600 h.p. Car and R-2600-20 land, low-wing monoplane, split flaps Company "Helldiver"						
260. SBF-4E Scout-bomber, 1945 Fairchild Wright 36'3" 49'9" 1-engine, 2-crew, "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright 1-engine, 2-crew, Car and R-2600-20 land, low-wing Foundry 1600 h.p. monoplane, split flaps Company "Helldiver"		4-engine, 6-crew, 10-passenger, land,	dated -Vultee	Whitney R-1830-43	67'2"	110'
1-engine, 2-crew, "Helldiver" R-2600-20 land, low-wing monoplane, split flaps 261. SBW-4E Scout-bomber, 1945 Canadian Wright 36'3" 49'9" 1-engine, 2-crew, Car and R-2600-20 land, low-wing Foundry 1600 h.p. monoplane, split flaps Company "Helldiver"	259. PB4Y-1Z	Same configuration as nu	umber 258.			
1-engine, 2-crew, Car and R-2600-20 land, low-wing Foundry 1600 h.p. monoplane, split flaps Company "Helldiver"	260. SBF-4E	1-engine, 2-crew, land, low-wing		_	36'3"	49'9"
262. SNB-2H Trainer, 2-engine, 1945 Beech 2 Pratt & 34'3" 47'8"	261. SBW-4E	1-engine, 2-crew, land, low-wing	Car and Foundry Company	R-2600-20 1600 h.p.	36'3"	49'9"
	262. SNB-2H	Trainer, 2-engine, 1945	Beech	2 Pratt &	34'3"	47'8"

	2-crew, 2-passenger, 2-litter, land, low-wing monoplane	"Navi- gator"	Whitney Wasp Junior 450 h.p.		
263. SNJ-6	Scout-trainer, 1945 1-engine, 2-crew, land, low-wing monoplane	North American "Texan"	Pratt & Whitney 1340 AN-1 550 h.p.	29'	42'
264. TBM-1D	Torpedo-bomber, 1945 1-engine, 3-crew, land, mid-wing monoplane	General Motors "Avenger"	Wright R-2600-20 1600 h.p.	41'	54'2"
265. TBM-3E	Same configuration as nur	nber 264.			
266. TBM-3W	Same configuration as nur	nber 264.			
267. FT-1	Fighter, 2-engine, 1946 3-crew, land, mid-wing, monoplane twin-boom tail	Northrop "Black Widow"	2 Pratt & Whitney R-2800-10 2000 h.p.	48'11"	66'
268. F4U-1B	Fighter, 1-engine, 1946 1-crew, inverted gull-wing monoplane	Vought "Corsair"	Pratt & Whitney R-2800-8 2000 h.p.	33'5"	41'
		30			
269. F4U-4P	Fighter, 1-engine, 1946 1-crew, land, inverted gull-wing monoplane	Vought "Corsair"	Pratt & Whitney R-2800-18W 2000 h.p.	33'8"	41'
270. F7F-1	Fighter, 2-engine, 1946 1-crew, land, high mid-wing monoplane	Grumman "Tigercat"	2 Pratt & Whitney R-2800-22W 2000 h.p.	45'4"	51'6"
271. F7F-4N	Same configuration as nur	mber 270.			
272. ЈМ-2	Utility, 2-engine, 1946 3-crew, land, high-wing monoplane	Martin "Marauder"	2 Pratt & Whitney R-2800-43 2000 h.p.	56'6"	71'
273. JRB-5	Utility-transport, 1946 2-engine, 2-crew, 5-passenger, land, low-wing monoplane	Beech "Expeditor"	2 Pratt & Whitney R-985 450 h.p.	34'3"	47'8"
274. PB4Y-2	Patrol-bomber, 1946 4-engine, 11-crew, land, high-wing monoplane	Consoli- dated- Vultee "Privateer"	4 Pratt & Whitney R-1830-94 1200 h.p.	74'	110'

275. R4D-6C	Transport, 2-engine, 3-crew, 28-passenger, cargo land, low-wing mono		Douglas "Skytrain"	2 Pratt & Whitney R-1830-92 1200 h.p.	64'5"	95'
276. R4D-7	Transport, 2-engine, 3-crew, land, low-wing monoplane (R4D-6 modified as navigational traine to accommodate 10 student navigators) blister top	1946 r	Douglas "Skytrain"	2 Pratt & Whitney R-1830-92 1200 h.p.	64'5"	95'
277. R5C-1Z	Transport, 2-engine, 2-crew, 40-passenger, land, low-wing mono	1946 plane	Curtiss "Commando"	2 Pratt & Whitney R-2800-51 2000 h.p.	76'4"	108'1"
			31			
278. R5D-2Z	Transport, 4-engine, 6-crew, 22-passenger (10 berths), land, low- wing monoplane	1946	Douglas "Skymaster"	4 Pratt & Whitney R-2000-7 1350 h.p.	93'11"	117'6"
279. R5D-3 (C-54Q)	Transport, 4-engine, 6-crew, 40-50 passenger, cargo, land, low- wing monoplane	1946	Douglas "Skymaster"	4 Pratt & Whitney R-2000-11 1350 h.p.	93'11"	117'6"
280. R5D-3Z	Same configuration	as num	ber 279.			
281. RY-3	Transport, 4-engine, 4-crew, 28-36 passenger, cargo, land, high- wing monoplane	1946	Consoli- dated- Vultee "Liberator Express"	4 Pratt & Whitney R-1830-94 1200 h.p.	66'4"	110'
282. SF2C-5	Scout-bomber, 1-engine, 2-crew, land, low-wing monoplane, split flaps	1946	Curtiss "Helldiver"	Wright R-2600-20 1600 h.p.	35'8"	49'9"
283. SNB-3	Trainer, 2-engine, 4-crew, land, low-wing monoplane, split flaps	1946	Beech "Navigator"	2 Pratt & Whitney R-985 450		47'8"
284. XF4U-4	Experimental fighter, 1-engine, 1-crew, land, monoplane, inverted gull-wing	1946	Vought "Corsair"	Pratt & Whitney R-2800-18 2000 h.p.	33'4"	41'

285.	XF8F-1	Experimental fighter, (carrier), 1-engine, 1-crew, land, low-wing monoplane		Grumman "Bearcat"	Pratt & Whitney R-2800-34W 2000 h.p.	28'3	35'6"
286.	F4U-4B	Fighter, 1-engine 1-crew, land, monoplane, inverted gull-wing	1946	Vought "Corsair"	Pratt & Whitney R-2800-18 2000 h.p.	33'4"	41'
			;	32			
287.	FH-1	Fighter (jet), 2-engine, 1-crew, land (carrier- catapult), low-wing monoplane	1947	McDonnell "Phantom"	Westing- house J-30 3000 lbs thru	38'9" ust	40'9'
288.	JD-1	Utility, 2-engine, 3-crew, land, high-wing monoplane	1947	Douglas "Invader"	2 Pratt & Whitney R-2800-71 2000 h.p.	50'9"	70'
289.	JRB-6	Utility-transport, 2-engine, 2-crew, 5-passenger, land, low-wing monoplane	1947	Beech "Expeditor"	2 Pratt & Whitney R-985 450 h.p.	34'3"	47'8"
290.	R4D-6P	Transport, 2-engine, 3-crew, 21-passenger, land, low-wing monoplane	1947	Douglas "Skytrain"	2 Pratt & Whitney R-1830-92 1200 h.p	64'5"	95'
291.	R50-3	Transport, 2-engine, 4-crew, 4-passenger, land, low-wing monoplane	1947	Lockhead "Lodestar"	2 Wright Cyclone 1000 h.p.	49'9"	65'6"
292.	SBW-5	Scout-bomber, 1-engine, 2-crew, land, low-wing monoplane, split flap	1947	Canadian Car and Foundary Company "Helldriver"	Wright R-2600-20 1600 h.p.	36'3"	49'9"
293.	SNB-2P	Trainer, 2-engine, 5-crew, land, low-wing monoplane	1947	Beech "Navigator"	2 Pratt & Whitney R-985 450 h.p		47'8"
294.	SNB-3E	Same configuration a	as numl	ber 293.			
295.	SNB-3N	Trainer, 2-engine, 5-crew, land, low-wing monoplane	1947	Beech "Navigator"	Pratt & Whitney R-985 Wasp Junior 450 h	34'3" .p.	47'8"
296.	SNJ-4C	Trainer, 1-engine,	1947	North	Pratt &	29'	42'
							D #30 -f C3

2-crew, land,	American	Whitney
low-wing monoplane	"Texan"	1340 AN-1
		550 h.p.

297. F4U-4N	Fighter, 1-engine, 1-crew, land, monoplane, inverted gull-wing	1948	Vought "Corsair"	Pratt & Whitney R-2800-18W 2000 h.p.	33'8"	41'
298. F4U-5	Fighter, 1-engine, 1-crew, land, monoplane, inverted gull-wing		Vought "Corsair"	Pratt & Whitney R-2800-32W 2000 h.p.	33'8"	41'
299. F4U-5P	Same configuration	as num	ber 298.			
300. F7F-2D	Fighter, 2-engine, 2-crew, land, monoplane, high mid-wing	1948	Grumman "Tigercat"	2 Pratt & Whitney R-2800-22W 2000 h.p.	31'2"	51'6"
301. HO3S-1	Observation- utility (helicopter), 1-engine, 1-crew, 3-passenger, land	1948	Sikersky	Pratt & Whitney R-985 450 h.p.	57'1/2"	Rotor 48'
302. HRP-1	Transport (helicopter), 1-engine, 2-crew, 8 passenger, cargo, land	1948	Piasecki "Rescuer" (Flying Banana)	Pratt & Whitney R-1340 600 h.p.	48'	Rotor 41'
303. HTL-2	Trainer (helicopter), 1-engine, 2-crew, land (used for observation-liaison missions)	1948	Bell	Franklin 6V4-178-B-32 178 h.p.	41'2" 2	Rotor 351'1"
304. RSD-4	Transport, 4-engine, 6-crew, 30-50 passenger, cargo, land, low-wing monoplane	1948	Douglas "Skymaster"	4 Pratt & Whitney R-2000-11-4-1450 h.p.		117'6"
305. TO-1	Trainer (jet), 1-engine, 2-crew, land, low-wing monoplane	1948	Lockheed "Shooting" Star"	Allison J-33- 4600 lbs thrust	34'6"	38'10"

306. F4U-4D	Fighter, 1-engine, 1-crew, land, inverted gull-wing monoplane	1949	Vought "Corsair"	Pratt & Whitney R-2800-18W 2000 h.p.	33'8"	41'
307. F4U-5N	Fighter, 1-engine, land, carrier-based inverted gull-wing monoplane		Vought "Corsair"	Pratt & Whitney R-2800-32W 2000 h.p.	34'6"	41'
308. F9F-2	Fighter (jet), 1-engine, 1-crew, land, carrier- based, low-wing monoplane	1949	Grumman "Panther"	Pratt & Whitney J-42P-2 5750 lbs thr	40' rust	38'
309. OY-2	Observation, 1-engine, 2-crew, convertible, high-wing monoplane	1949	Consoli- dated- Vultee "Sentinel"	Lycoming O-435C 190 h.p.	24'	34'
310. SNB-3Q	Trainer, 2-engine, 5-crew, land, low-wing monoplane	1949	Beech "Navigator"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
311. SNB-5 (TC- 45J)	Trainer, 2-engine, 2-crew, 4-passenger land low-wing monoplane		Beech "Navigator"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
312. AD-3W	Attack, 1-engine, 3-crew, land, low-wing monoplane	1950	Douglas "Skyraider"	Wright R-3350-14 2500 h.p.	39'4"	50'
313. F2H-2	Fighter (jet), 2-engine, 1-crew, land, carrier-based low-wing monoplane	1950	McDonnell "Banshee"	2 Westing- house J34 WE-34 3000 lbs thr	40'2"	41'7"
314. F9F-2B	Fighter (jet), 1-engine, 1-crew, land, low-wing monoplane	1950	Grumman "Panther"	Pratt & Whitney J-42-P 5750 lbs thrust	40'	38'
			35			
315. HRP-2	Transport (helicopter), 1-engine, 2-crew, 8-passenger, cargo, land	1950	Piasecki "Rescuer"	Pratt & Whitney R-1340 Wasp 600 h.p.	48'	Rotor 41'
316. HTL-1	Trainer (helicopter), 1-engine, 2-crew, land (used for	1950	Bell	Franklin 6V4- 178-B-32 178 h.p.	41'2"	Rotor 35'1"

observation-liaison
missions)

317. P2V	Patrol, 2-engine, 7-crew, land, high-wing monoplane		Lockheed "Neptune"	2 Wright R-3350-24W 2200 h.p.	76'10"	100'
318. P2V-3	Patrol, 2-engine, 7-crew, land, high-wing monoplane		Lockheed "Neptune"	2 Wright R-3350-26WA 2500 h.p.	76'10"	100'
319. R4Q-1	Transport, 2-engine, 5-crew, 42-troops, 35 litters, land, high wing twin-boom tail monoplane		Fairchild "Packet"	2 Pratt & Whitney R-4360-20W 3500 h.p.	86'6"	109'3"
320. R5D-2	Transport, 4-engine, 6-crew, 30-50 passenger, cargo, land, low-wing monoplane	1950	Douglas "Skymaster"	4 Pratt & Whitney 2000-11 1450 h.p.	93'11"	117'6"
321. TBM-3Q	Torpedo-bomber, 1-engine, 3-crew, land, mid-wing monoplane	1950	General Motors "Avenger"	Wright R-2600-20	41'	54'2"
322. TO-2	Same configuration	as num	ber 305			
323. AD-1	Attack, 1-engine, 1-crew, land/ carrier, low-wing monoplane	1951	Douglas "Skyraider"	Wright R-3350-24 2500 hp.	39'3"	50'

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324. AD-2	Same configuration	as num	ber 323.			
325. AD-2Q	Same configuration	as num	ber 323.			
326. AD-4W	Same configuration	as num	ber 323.			
327. F2H-2P	Fighter (jet), 2-engine, 1-crew, land, low-wing monoplane		McDonnell "Banshee"	2 Westing- house J-34-WE34 3000 lbs thr		41'7"
328. F3D-1	Fighter (jet), 2-engine, 2-crew, land, high-wing monoplane		Douglas "Skyknight"	2 Westing- house J-34 3000 lbs thr		50'
329. F3D-1	Fighter (jet), 2-engine, 2-crew, land, high-wing		Douglas "Skyknight"	2 Westing- house J-34	45'	50'

	monoplane			5500 lbs thrust		
330. F4U- 5NL	Fighter, 1-engine, 1-crew, land, inverted gull-wing monoplane	1951	Vought "Corsair"	Pratt & Whitney R-2800-32W 2000 h.p.	34'6"	41'
331. F8F-2	Fighter, 1-engine, 1-crew, land, low-wing monoplane	1951	Grumman "Bearcat"	Pratt & Whitney R-2800E 2000 h.p.	27'6"	35'6"
332. F9F-2P	Fighter (jet), 1-engine, 1-crew, land, low-wing monoplane	1951	Grumman "Panther"	Pratt & Whitney J-42P-Z 5750 lbs thrust	40'	38'
333. F9F-4	Fighter (jet), 1-engine, 1-crew, land/carrier-based, low-wing monoplane	1951	Grumman "Panther"	Allison J-33A-8 4600 lbs thrust	40'	38'
334. HO4S-1	Observation (helicopter), 1-engine, 2-crew, 8-troop, land (used as a transpor	1951 t)	Sikorsky	Pratt & Whitney R-1340-S1H-2 550 h.p.	41'8"	Main Rotor 53'
			37			
335. HRS-1	Same configuration	ag nim	her 334			
336. HTL-3	Trainer (helicopter), 1-engine, 2-crew, convertible (used for observation- liaison missions)	1951	Bell	Franklin 6V4-178- 1332 178 h.p	41'4"	35'1"
337. HTL-4	Same configuration	as num	ber 336.			
338. OE-1 (O-1B)	Observation, 1-engine, 2-crew, land, high-wing monoplane	1951	Cessna	Continental 0470-11 213 h.p.	25'	36'
339. TBM-3R	Torpedo-bomber, 1-engine, 1-crew, 7-passenger/cargo, land, mid-wing mono	1951 plane	General Motors "Avengers"	Wright R-2600-20 1600 h.p.	41'	54'2"
340. AD-3	Attack, 1-engine, 1-crew, land/ carrier-based, low-wing monoplane	1952	Douglas "Skyraider"	Wright R-3350-18 2500 h. p.	39'3"	50'
340. AD-3N	Attack, 1-engine,	1952	Douglas	Wright	39'3"	50'

	3-crew, land/ carrier-based, low-wing monoplane		"Skyraider"	R-3350-18 2500 h. p.		
342. AD-4	Same configuration as	numk	per 340.			
343. AD-4B	Same configuration as	numk	per 340.			
344. AD-4N	Same configuration as	numk	per 341.			
345. AD-4NL	Same configuration as	numk	per 340.			
346. AU-1	Attack, 1-engine, 1 1-crew land, inverted gull-wing monoplane	952	Vought "Corsair"	Pratt & Whitney R-2800 2000 h.p.	34'6"	41'
		3	38			
347. F2H-2B	Fighter (jet), 1 2-engine, 1-crew, land, low-wing monoplane	952	McDonnell "Banshee"	2 Westing- house J-34-WE34 3250 lbs thru		41'7"
348. F9F-5	Fighter (jet), 1 1-engine, 1-crew, land/carrier, low-wing monoplane	.952	Grumman "Panther"	Pratt & Whitney J-48-P-4 6250 lbs thrust	42'	38'
349. F9F-5P	Same configuration as	numk	per 348.			
350. НО58-1	Observation 1 (helicopter), 1-engine, 2-crew, 1-passenger, land	952	Sikorsky	Franklin 6V6-245-B16F 245 h.p.	27'5"	Rotor 33'
351. НТК-1	Trainer 1 (helicopter), 0-435 1-engine, 2-crew, land (used for 240 h observation-liaison missions)		Kaman	Lycoming	20'6"	Rotor 41'
352. HRS-2	Transport 1 (helicopter), 1-engine, 2-crew, 8-troops/cargo, land	.952	Sikorsky	Pratt & Whitney R-1340 550 h.p.	42'2"	Rotor 53'
353. HUP-1	Utility 1 1-engine, 2-3-crew, land (2-crew for utility-cargo and 3-crew for search and rescue missions)	.952	Piasecki "Retriever"	Continental R-975-34 525 h.p.	32'	Rotor Folded 39'3"
354. PBY-6A	Patrol-bomber, 1	.952	Consoli-	2 Pratt &	62'11"	104'

	2-engine, 8-crew, amphibian, parasol wing, boat hull		dated- Vultee	Whitney R-1830-92 1050 h.p.		
355. PV-2T	Patrol, 2-engine, 5-crew, low-wing monoplane (con- version of PV-2 for electronic training		Lockheed "Harpoon"	2 Pratt & Whitney Double Wasp 2000 h.p.	52'	65'6"
			39			
356. R4D-5R	Transport, 2-engine, 3-crew, 21-passenger, land, low-wing monoplane	1952	Douglas "Skytrain"	2 Pratt & Whitney R-1830-92 1200 h.p.	64'5"	95"
357. R4D-8 (C-117D)	Transport, 2-engine,3-crew, cargo/35-troops/ 30 passengers/ 27-litters, land, low-wing monoplane	1952	Douglas	2 Pratt & Whitney R-1820-80 1200 h.p.	67'8"	90'
358. TBM-3N	Torpedo-bomber, 1-engine 3-crew, land, mid-wing monoplane	1952	General Motors "Avenger"	Wright R-2600-20 1600 h.p.	41'	54'2"
359. TV-2 (T-33B)	Trainer (jet), 1-engine, 2-crew, land, low-wing monoplane, (formerl designated TO-2)	1952 Y	Lockheed "Shooting Star"	Allison J-33-A-35 4600 lbs thrust	37'8"	38'10"
360. AD-4L	Attack, 1-engine, 1-crew land, low-wing monoplane	1953	Douglas	Wright R-3350 2500 h.p.	39'2"	50'
361. AD-4NA	Same configuration	as num	mber 360.			
362. AD-4Q	Same configuration	as num	ber 360.			
363. AD-5 (A1-E)	Same configuration	as num	mber 360.			
364. F2H-4	Fighter (jet), 2-engine, 1-crew, land, low-wing monoplane	1953	McDonnell "Banshee"	2 Westing- house J-34-WE-34 3400 lbs thr	40'2" ust	41'7"
365. F9F-6P	Fighter (jet), 1-engine, 1-crew, land/carrier, swept-wing monoplane	1953	Grumman "Cougar"	Pratt & Whitney J-48-P-8 5750 lbs thrust	41'2"	34'6"

366. HRS-3 (CH-19E)	Transport (helicopter), 1-engine, 1-crew, 8-troop, land	1953	Sikorsky	Wright R-1300 100 h.p.	42'2"	Rotor 53'
367. PV-2	Patrol, 2-engine, 5-crew, land, mid-wing	1953	Lockheed "Harpoon"	2 Pratt & Whitney Double Wasp 2000 h.p.	52'	65'6"
368. R4D-6Z	Transport, 2-engine, 3-crew, 15-17 passenger, land, low-wing monog	1953 plane	Douglas "Skytrain"	2 Pratt & Whitney R-1830-90C 1200 h.p.	64'6"	95'
369. R4Q-2 (C-119F)	Transport, 2-engine, 5-crew, 42-troop, land, high-wing twin boomtail monoplane	1953	Fairchild "Packet"	2 Wright R-3350-85 3500 h.p.	86'3"	109'3'
370. SNB-5P (RC-45J)	Trainer, 2-engine, 5-crew, land, low-wing monoplane	1953	Beech "Navigator"	2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
371. AD-5N	Attack, 1-engine, 3-crew, land/carrier low-wing monoplane	1954 r,	Douglas "Skyraider"	Wright R-3350-26WA 2700 h.p	39'	50'9"
372. AD-5W	Attack, 1-engine, 3-crew, land/ carrier, low-wing monoplane	1954	Douglas "Skyraider"	Wright R-3350-26WA 2700 h.p.	39'	50'9"
373. F3D-2M	Fighter (jet), 2-engine, 2-crew, land, high -wing, carrier,	1954	Douglas "Skyknight"	2 Westing-house J-46 or J-34-WE-36 3600 lbs three	45' ust	50'
374. F7U-3	Fighter (jet), 2-engine, 1-crew, land/carrier, delta wing	1954	Vought "Cutlass"	2 Westing- house J-46- WE8 3600 lbs thrust	44'3"	39'8"
			41			
375. F9F-6	Fighter (jet), 1-engine, 1-crew, low swept-wing, carrier	1954	Grumman "Cougar"	Pratt & Whitney J-48 7250 lbs thrust	40'2"	34'6"

376. FJ-2	Fighter (jet), 1-engine, 1-crew, low swept-wing, carrier		North American "Fury"	General Electric J-47-GE-2 6000 lbs thrust	37'6"	37'1"
377. HTL-5	Trainer (helicopter), 1-engine, 2-crew, convertible	1954	Bell	Franklin 6V4-200-C-32 200 h.p.		Rotor 35'2"
378. FUP-2	Utility (helicopter), 1-engine, 2-crew, 1 passenger, land, 2-blades	1954	Piasecki "Retriever"	Continental R-975-42 525 h.p.	blades re-	40'3" blades ex- tended
	Transport, 4-engine, 6-crew, 30-50-passenger/ cargo, land, low-wing monoplane	1954	Douglas "Skymaster"		93'11"	117'6"
380. SNB-4	Trainer, 2-engine, 2-crew, 4-passenger land, low-wing monoplane			2 Pratt & Whitney Wasp Junior 450 h.p.	34'3"	47'8"
381. AD-6	Attack-bomber, 1-engine, 1-crew, low-wing monoplane, carrier		Douglas "Skyraider"	Wright R-3350-26WA 2500 h.p.	39'	50'9"
382. FJ-3	Fighter 1-engine 1-crew, low-swept wing monoplane, carrier	1955	North American "Fury"	Wright J-65-W-2 7200 lbs thrust	37'6"	38'1"
383. F9F-8	Fighter 1-engine 1-crew, low-swept wing monoplane, carrier	1955	Grumman "Cougar"	Pratt & Whitney J-48-P-8 7250 lbs thru	48'7" ust	34'6"
			42			
384. HOK-1 (CH-43D)	Observation utility, helicopter, 1-engine, 2-crew	1955	Kaman	Pratt & Whitney R-1340 600 h.p.	25'	Rotor 47'
385. PV-2T2	Same configuration	as num	ber 355.			
386. OE-2 (O-1C)	Observation, 1-engine, 2-crew, high-wing monoplane	1955	Cessna "Birddog"	Continental 0-470-2 265 h.p.	25'8"	36'
387. R4Y-1	Transport,	1955	Convair	Pratt &	79'2"	105'4"

(C-131F)	2-engine, 4-crew, low-wing monoplane			Whitney R-2800 2000 h.p.		
388. FJ-3	Fighter 1-engine 1-crew, low-swept wing monoplane, carrier	1955	North American "Fury"	Wright J-65-W-2 7200 lbs thrust	37'6"	38'1"
389. FJ-3	Fighter 1-engine 1-crew, low-swept wing monoplane, carrier	1955	North American "Fury"	Wright J-65-W-2 7200 lbs thrust	37'6"	38'1"
390. F3D-2T2	Night-fighter, 2-engine, 2-crew, high-wing mono- plane, carrier	1956	Douglas "Skyknight"	2 Westing-house J-46 or J-34-We-36 4000 lbs thrust each	45'	50'
391. F3D-2Q (EF-10B)	Same configuration	as num	ber 389.			
392. F2H-3	All-weather fighter, 2-engine, 1-crew, low-wing monoplane, carrier	1956	McDonnell "Banshee"	2 Westing- house J-34-WE-34 3600 lbs thrust each	40'2"	41'8"
393. F9F-8B	Fighter, 1-engine, 1-crew, low-swept wing monoplane, carrier	1956	Grumman "Cougar"	Pratt & Whitney J-48-P-8 7250 lbs thr	41'7" ust	34'6"
			43			
394. F9F-8P	Same configuration	as num	ber 392.			
395. FJ-3 (F-6A)	Fighter 1-engine 1-crew, delta wing carrier	1956	Douglas "Skyray"	Pratt & Whitney J-57-P8 10,500 lbs t 14,500 lbs w burner		
396. H13D	Assault light helicopter, 3-crew 12-passenger	1956	Bell	Franklin 6V4-178-32 178 h.p.	56'	Rotor 37'
397. HR2S-1	Assault transport helicopter, heavy 3-crew, 36-passenger, or 20-litter	1956	Sikorsky	2 Pratt & Whitney F-2800 2100 h.p.	Fusela 82'10" Rotor	_
398. T-28B	Advanced trainer, liaison, 1-engine 2-crew, low-wing	1956	North American "Trojan"	Wright R-1820-86 1450 h.p.	34'4"	40'7"

monoplane, carrier

399. T-34B	Transition trainer, 1-engine, 2-crew, low-wing monoplane	1957	Beech "Mentor"	Continental 0-470 22 h.p.	25'11"	32'10'
400. A4D-1	Attack, 1-engine, 1-crew, low swept- wing delta type monoplane, carrier	1957	Douglas "Skyhawk"	Wright J65-W-4 7200 lbs thrust	39'1"	27'6"
401. A4D-2 (A-4B)	Attack, 1-engine, 1-crew, low-swept wing delta type monoplane, carrier	1957	Douglas "Skyhawk"	Wright J65-W-16A 7700 lbs thrust	39'1"	27'6"
402. FJ-4B	Fighter, 1-engine, 1-crew, low-swept wing monoplane, carrier	1957	North American	Wright J-65-W-16A 7700 lbs thrust	37'6"	39'1"
			44			
403. F9F-8T (TF-9J)	<pre>Instrumental trainer, 1-engine, 2-crew, low-swept wing monoplane, carrier</pre>	1957	Grumman "Cougar"	Pratt & Whitney J-48-P-8 7250 lbs thr	44'5" ust	34'6"
404. HUS-1 (UH-34D)	Utility helicopter transport, 1-engine 3-crew, 12 passenger, 8-litter		Sikorsky	Wright R-1820-84 1525 h.p.	47'2"	Rotor 56'
405. HUS-1A	Same configuration	as num	ber 403.			
406. U1A	Utility helicopter transport, 1-engine 2-crew, 12- passenger, high-wing monoplane		DeHaviland "Otter"	Pratt & Whitney R-1340-S1H1-6	41'10" G	58'
407. F8U-1 (F-8A)	Fighter, 1-engine, high-swept wing monoplane, carrier	1958	Chance Vought "Crusader"	Pratt & Whitney 5-57-P-4A 16,000 lbs thrust w/after	54'3" erburne:	35'8" r
408. F8U-1P (RF-8A)	Same configuration	as num	ber 406.			
409. F8U-1E (F-8A)	Fighter, 1-engine, 1-crew high-swept wing monoplane, carrier	1958	Chance Vought "Crusader"	Pratt & Whitney J-57-P-12 16,000 lbs thrust w/after	54'3" erburne:	35'8" r

410. F8U-1 (F-8C)	All-weather fighter, 1-engine, 1-crew, high-swept wing monoplane, w/tailfins, carrier	1958	Chance Vought "Crusader	Pratt & Whitney 5-57-P-4A 16,000 lbs thrust w/aft	54'3" erburne:	35'8" r
411. A4D-2N (A-4C)	All-weather attack, 1-engine, 1-crew, low-swept wing, delta type, monoplane, carrier	1960	Douglas "Skyhawk"	Wright J-65-W-4 7200 lbs thrust	39'1"	27'6"
			45			
412. UO-1 (U-11A)	Utility-transport, 2-engine, 2-crew, 4-place, low-wing, monoplane	1960	Piper "Aztec"	2 Lycoming 0-540A 250 h.p.	27'6"	37'
	Utility Helicopter transport, 1-engine 3-crew, 12 passenge	,	Sikorsky	Wright R-1820-84 1525 h.p.	47'2"	rotor 56'
414. UF-1 (HU-16C)	Utility, 2-engine, 5-crew, 10-22 passengers, high- wing, amphibian monoplane	1960	Grumman "Albatross"	Wright R-1820-76A 1425 h.p.	62'10"	96'8"
415. F8U-2N (F-8D)	Fighter/all weather intercepter, 1-engine, 1-crew, high-swept wing monoplane, carrier	1960	Chance Vought "Crusader"	Pratt & Whitney J57-P-4A, 16,000 lbs thrust w/aft	54'3" erburne:	35'2" r
416. R5D-5R (C-54T)	Transport, 4-engine, 6-crew, 30-50 passenger, cargo, low-wing monoplane	1960	Douglas "Skymaster"	Pratt & Whitney R-2000-11 1450 h.p.	93'11"	117'6"
417. HSS-2 (SH-3A)	Transport helicopter, 2-engine, 3-crew, 26-passenger	1961	Sikorsky	General Electric T58-GE-8B shaft turbin 1250 h.p.	54'9" e,	rotor 62'
418. R4D-8Z (VC-117D)	Staff transport, 2-engine, 3-crew, low-wing monoplane	1961	Douglas	Wright R-1820-80 1200 h.p.	67'8"	90'
419. GV-1 (KC-130F)	Transport/tanker, 4-engine, 5-7 crew, 92-passenger, high-wing monoplane		Lockheed "Hercules"	Allison T56-A7 turboprop, 4050 h.p.	97'9"	132'7"

420. T2V (T-1A	Trainer, 1-engine, 2-crew, low-wing monoplane	1961	Lockheed	Allison J33-A-22 6100 lbs thru	38' ust	42'
421. F4H-1 (F-4B)	Fighter/all-weather interceptor, 2-engine, 2-crew, low-wing monoplane	1962	McDonnell "Phantom II"	General Electric J79-GE-8, 17,000 lbs th	58'3" nrust	38'5"
422. HSS-2Z (VH-3A)	Staff Transport Helicopter, 2-engine, 3-crew, 12-passenger	1962	Sikorsky	General Electric T58-GE-8B shaft turbine 1250 h.p.	54'9" e	rotor 62'
423. F8U-2NE (F-8E)	Fighter/all weather interceptor, 1-engine, 1-crew, high-swept wing monoplane, carrier	1962	Ling-Temco -Vought "Crusader	Pratt & Whitney J57-P-4A, 16,000 lbs thrust w/after	54'6" erburne	35 ' 2 "
424. A4D-5 (A-4E)	Attack, 1-engine, 1-crew, low-swept wing monoplane, carrier	1964	Douglas "Skyhawk"	Pratt & Whitney J52-P-6, 8500 lbs thru	42' 10-3/4' ust	27'5"
425. A2F-1 (A-6A)	All weather attack, 2-engine, 2-crew, mid-swept-wing monoplane	1964	Grumman "Intruder"	Pratt & Whitney J52-P-6 8500 lbs thru	54'7" ust	53'
426. HRB-1 (CH-46A)	Transport helicopter 2-engine, 3-crew, 17-25 passengers, 4000 lbs cargo		Boeing- Vertol "Sea Knight"	General Electric T58-GE-8B shaft turbine 1250 h.p.		rotors 50' ea
427. HU-1E (UH-1E)	Assault support helicopter, 1-engine, 2-crew, 7-passengers	1964	Bell	Lycoming T53-L-11 shaft turbine, 1100 h.p.	41' 7-1/2"	rotor 48'
428. HU-2K1 (UH-2B)	Utility helicopter, 1-engine, 2-crew, 11-passengers	1964	Kaman "Seasprite"	General Electric T58-GE-8B shaft turbine 1250 h.p.	52'2" e,	rotor 44'
			47			
429. HUK-1 (UH-43C)	Utility helicopter, 1-engine, 2-crew, 10-passenger	1964	Kaman "Huskie"	Lycoming T53-L-1B shaft turbing	25'2" e,	rotors 47'

825 h.p.

430.	RF-4B	Reconnaissance, 2-engine, 2-crew, low-swept wing monoplane	1965	McDonnell "Phantom II"	General Electric J79-GE-8, 16,500 lbs thrust	63'	38'5"
431.	EA-6A	Electronic warfare aircraft, 2-engine, 2-crew, mid-swept wing monoplane		Grumman "Intruder"	Pratt & Whitney J52-P-6 8500 lbs thrust	55'6"	53'

Appendix 1

OFFICER-IN-CHARGE, AVIATION<1>

Maj	Alfred A. Cunningham	17	Nov	1919	-	12	Dec	1920
LtCol	Thomas C. Turner	13	Dec	1920	-	2	Mar	1925
MaJ	Edward H. Brainard	3	Mar	1925	_	9	May	1929
Col	Thomas C. Turner	10	May	1929	_	28	Oct	1931<2)
Maj	Roy S. Geiger	2	Nov	1931	_	29	May	1935
Col	Ross E. Rowell	30	May	1935	-	31	Mar	1936

DIRECTORS OF AVIATION

Col	Ross E. Rowell	1	Apr	1936	_	10	Mar	1939
BGen	Ralph J. Mitchell	11	Mar	1939	_	29	Mar	1943<3)
MajGen	Roy S. Geiger	13	May	1943	_	15	Oct	1943
BGen	Louis E. Woods	15	Oct	1943	-	17	Jul	1944
MajGen	Field Harris	18	Jul	1944	-	24	Feb	1948
MajGen	William J. Wallace	25	Feb	1948	-	1	Sep	1950
BGen	Clayton C. Jerome	1	Sep	1950	_	1	Apr	1952
LtGen	William O. Brice	1	Apr	1952	-	31	Jul	1955
LtGen	Christian F. Schilt	1	Aug	1955	-	31	Mar	1957
LtGen	Verne J. McCaul	1	Apr	1957	-	2	Dec	1957<4)
MajGen	Samuel S. Jack	14	Jan	1958	-	20	Feb	1958
MajGen	John C. Munn	21	Feb	1958	_	14	Dec	1959
MajGen	Arthur F. Binney	15	Dec	1959	-	to	Sep	1961
Col	Keith B. McCutcheon	11	Sep	1961	-	17	Feb	1962
Col	Marion E. Carl	18	Feb	1962	-	24	Apr	1962

DEPUTY CHIEF OF STAFF (AIR)

Col	Marion E. Carl	25	Apr	1962	-	4	Jul	1962
BGen	Norman J. Anderson	5	Jul	1962	-	20	Oct	1963
MajGen	Louis B. Robertshaw	21	Oct	1963	-	15	Apr	1966
Col	Alan J. Armstrong	16	Apr	1966	-	15	Jun	1966
MajGen	Keith B. McCutcheon	16	Jun	1966	_			

<1> On 1 Apr 1936 the title of the senior aviator attached to Headquarters, U. S. Marine Corps was changed from Officer in Charge, Aviation, to Director of Aviation, and on 25 Apr 1962 the title was changed again to Deputy Chief of

Staff (Air).

- <2> Hiatus due to accidental death of Col Turner in Haiti on 28 Oct 1931.
- <3> Col Clayton C. Jerome was Acting Director 30 Mar 12 May 1943.
- <4> Col John L. Smith was Acting Director 3 Dec 1957 13 Jan 1958.

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Appendix 2

AIRCRAFT LETTER AND NUMBER SYSTEM OF IDENTIFICATION

Marine aircraft were identified by the following letter-number system introduced in 1923 and in effect until 6 July 1962 when it was superceded by the system outlined in Appendix 3.

The first letter indicates the type of plane, the second the manufacturer with a number appended standing for the modification of the aircraft, e.g., an FF-2 is identified as a (F) fighter, by (F) Grumman, (2) second modification. A number inserted between type and manufacturer's letters indicates the model number of the designer's aircraft in the same class (the first model or design number "1" is always omitted), e.g., an F6C-1 is identified as a (F) fighter, (F) sixth model, by (F) Curtiss, (F) first modification.

Suffixes have had to be added when aircraft have been equipped for special missions or have certain modifications, e.g., an SBD-4P is defined as a (SB) scout-bomber by (D) Douglas, (4) fourth modification, equipped for (P) photography.

TYPE LETTERS

Α	-	Attack; ambulance	P	-	Patrol
В	-	Bomber	PB	-	Patrol-bomber
F	_	Fighter	R	-	Transport (Multiengine)
G	-	Transport (single engine)	S	-	Scout
Η	_	Helicopter; hospital	SB	-	Scout-bomber
J	_	Transport and general	SN	-	Scout-trainer
		utility	SO	-	Scout-observation
JR	_	Utility-transport	T	-	Torpedo and bombing;
N	-	Trainer			trainer
0	_	Observation	TB	-	Torpedo-bomber
OS	_	Observation-scout	U	-	Utility
Χ	_	Experimental			

MANUFACTURERS' SYMBOL

The year shown opposite the manufacturer indicated the first time that particular manufacturer's symbol appeared in the designation of aircraft assigned to the Marines.

Α	- DeHaviland	(1960)	D - Douglas	(1923)
Α	- Atlantic	(1927)	E - Bellanca	(1923)
Α	- Brewster	(1936)	E – Cessna	(1951)
В	- Beech	(1941)	F - Piper	(1942)
В	- Boeing	(1925)	F - Columbia	(1944)
C	- Cessna	(1943)	F - Fairchild	(1944)

С	- Curtis (Curtis Wright)	(1926)	F	(Can - Grun	nada) mman	(1934)
			50			
G	- Great Laker	(1935)	0	- Fair	rchiId	(1950)
Н	- Howard	(1942)		- For		(1929)
Н	- McDonnell	(1947)		- Sik		(1931)
J	- North American	(1940)	S	- Stea		(1944)
K	- Fairchild	(1943)	T	- New	Standard	(1931)
	(U.S.)			- Nort		(1946)
K	- Kaman	(1952)	Т	- Timr	m	(1942)
L	- Bell	(1951)	U	- Char	nce Vought	(1927)
L	- Loening	(1926)		(Voi	ught-Sikorsky)
M	- General Motors	(1943)	V	- Loc	kheed	(1950)
M	- Glenn L. Martin	(1922)	V	- Vega	a	(1943)
N	- Naval Aircraft	(1942)	V	- Vult	tee	(1943)
	Factory		M		adian Car	(1944)
0	- Piper	(1960)			Foundry	
0	- Lockheed	(1939)			ton-Wright	(1925)
Р	- Piasecki	(1952)			-Klemin	(1926)
P	- Pitcairn	(1931)	Y		solidated	(1926)
P	- Spartan	(1937)	Y	- Cons	solidated-	(1942)
				Vul	tee	
		S	UFFIX LET	TERS		
А	- Amphibious		N(A)	- Al	l-weather str	ipped
В	- Special Armament				r day operati	
С	- Carrier operation	of	NL	- Al	l-weather and	winterized
	noncarrier aircraf	t	P	- Pho	otographic	
D	- Drone control		Q) - Coi	untermeasures	
E	- Special radar; spe	cial	R	- Tra	ansport-perso	nnel/
	electronics				pport	
F	- Flagship				aining	
H	- Hospital		M		ecial search;	
	- Winterized				rning; airbor	ne early
	- Missile carrier		177		rning ministrative	
N	- Night; all-weather		Z	- Aai	ministrative	
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				7.22.23	ndir 2	
				Appel	ndix 3	
		STAT	US PREFIX	SYMBO	OL	
		(CLASS	IFICATION	LETT	ERS)	
T.E.T	TTER TITLE		חת	SCRIP	TTON	
لظند			שט	DCKIP.	T TOIN	
G	Permanently	An a	aircraft	perman	nently ground	ed, utilized
	Grounded				ction and tra	

J	Special Test, Temporary	Aircraft on special test programs by authorized organizations on bailment contract having a special test configuration or whose installed property has been temporarily removed to accommodate the test. At completion of the test the vehicle will be either returned to its original configuration or returned to standard operational configuration.
N	Special Test, Permanent	Aircraft on special test programs by authorized activities and on bailment contract, whose configuration is so drastically changed that return of aircraft to its original configuration or conversion to standard operational configuration is beyond practicable or economical limits.
X	Experimental	Aircraft in a developmental, experimental stage where basic mission and design number have been designated but not established as a standard vehicle for Service use.
Y	Prototype	Aircraft procured in limited quantities to develop the potentialities of the design.
Z	Planning	Designations used for identification purpose during the planning or predevelopment stage.

MODIFIED MISSION SYMBOLS (PREFIX LETTERS)

LETTER	TITLE	DESCRIPTION
А	Attack	Aircraft designed to search out, attack and destroy enemy land or sea targets using conventional or special weapons. Also used for interdiction and close air support missions.
С	Cargo/Transport	Aircraft modified for carrying cargo and/or passengers.
D	Director	Aircraft capable of controlling a drone aircraft or a missile.
E	Special Electronic Installation	Aircraft possessing SCM capability or having electronic devices to permit employment as an early warning radar station.
Н	Search Rescue	Aircraft having special equipment for performance of search and rescue missions.
K	Tanker	Aircraft having special equipment to provide in-flight refueling of other aircraft.
L	Cold Weather	Aircraft modified for operation in the arctic

M Q	Missile Carrier	and antarctic regions; includes skis, special insulation and other ancillary equipment required for extreme cold weather operations. Aircraft modified for carrying and launching guided and nonguided missiles as part of the weapons system. Aircraft capable of being controlled from a
Q	Dione	point outside the aircraft.
R	Reconnaissance	Aircraft having equipment permanently installed for photographic and/or electronic reconnaissance missions.
S	Antisubmarine	Aircraft modified so that it can now function to search, identify, attack, and destroy enemy submarines.
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LETTER	TITLE	DESCRIPTION
Т	Trainer	Aircraft specifically equipped or modified for training purposes.
U	Utility	Aircraft having small payload utilized or modified to perform miscellaneous missions such as carrying cargo or passengers, towing targets, etc.
V	Staff	Aircraft having accommodations such as chairs, tables, lounge, berths, etc., for the transportation of staff personnel.
W	Weather	Aircraft having meteorological equipment permanently installed.
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	BASIC	MISSION AND TYPE SYMBOLS
LETTER	TITLE	DESCRIPTION
A	Attack	Aircraft designed to search out, attack and destroy enemy land or sea targets using conventional or special weapons. Also used for interdiction and close air support missions.
В	Bomber	Aircraft designed for bombing enemy targets.

passengers.

Cargo/Transport

Aircraft designed for carrying cargo and/or

E	Special Electronic Installation	Aircraft possessing ECM capability or having electronic devices to permit employment as an an early warning radar station.
F	Fighter	Aircraft designed to intercept and destroy other aircraft and/or missiles.
*H	Helicopter	A rotary-wing aircraft designed with the capability of flight in any plan; e.g., horizontal, vertical, or diagonal.
K	Tanker	Aircraft designed for in-flight refueling of other aircraft.
0	Observation	Aircraft designed to observe (through visual or other means) and report tactical information concerning composition and disposition of enemy forces, troops, and supplies in an active combat area.
Р	Patrol	Long range, all weather, multi-engine aircraft operating from land and/or water bases, designed for independent accomplishment of the following functions; antisubmarine warfare, maritime reconnaissance, and mining.
S	Antisubmarine	Aircraft designed to search out, detect, identify, attack and destroy enemy submarines.

LETTER	TITLE	DESCRIPTION
Т	Trainer	Aircraft designed for training personnel in the operation of air craft and/or related equipment, and having provisions for instructor personnel.
υ	Utility	Aircraft used for miscellaneous missions such as carrying cargo and/or passengers, towing targets etc. These aircraft will include those having a small payload.
*∇	V-TOL and STOL	Aircraft designed for vertical take-off or landing with no take-off or landing roll, or aircraft capable of take-off and landing in a minimum prescribed distance.
R	Research	Aircraft designed for testing configurations of a radical nature. These aircraft are not normally intended for use as tactical aircraft.
* Z	Airship	A self-propelled lighter-than-air aircraft-

^(*) Type symbols.

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