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DOD 4120.15-L

MODEL DESIGNATION
OF MILITARY
AIRCRAFT, ROCKETS
AND
GUIDED MISSILES



DEPARTMENT OF DEFENSE

15 April 1974

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C.

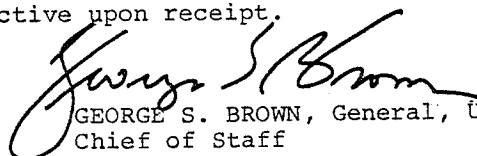


1 April 1974

FOREWORD

This list is published by direction of the Deputy Secretary of Defense under authority of Department of Defense Directive 4120.15, Designating and Naming Military Aircraft, Rockets, and Guided Missiles, November 24, 1971.

This document is effective upon receipt.


GEORGE S. BROWN, General, USAF
Chief of Staff

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Chapter 1

Introduction

1-1. **Authority.** Publication and use of this list is prescribed by Department of Defense Directive 4120.15, 24 November 1971, subject: Designating and Naming Military Aircraft, Rockets, and Guided Missiles. That directive assigns responsibility to the Department of the Air Force for developing, publishing and maintaining, in coordination with the other military departments: (1) a Joint Regulation governing the designation and naming of such equipment, and (2) a single DOD-wide source document containing approved designations and names. The Joint Regulation governing the procedures and responsibilities for this list is AFR 82-1, AR 70-50, and NAVMATINST 8800.4A.

1-2. **Distribution.** DOD components will distribute this list to all operating levels concerned.

1-3. **Changes.** DOD components will forward recommended aerospace vehicle changes to the Air Force primary point of contact as follows:

HQ 4950th Test Wing
Engineering Standards Division (TZD)
Wright-Patterson AFB OH 45433
Phone: Area Code 513 255-6291/2/3
Autovon: 785-6291

Chapter 2

General Information

2-1. Purpose and Applicability. The purpose of this list is to provide a DOD source document containing approved designations and names of all military aircraft, rockets, and guided missiles, hereafter referred to as aerospace vehicles, of the Army, Navy, and Air Force. The designations are developed in accordance with Joint Regulation AFR 82-1/AR 70-50/NAVMATINST 8800.4A. The list includes all aerospace vehicles in departmental accountable inventories as well as those in the process of entry into such inventories and will be used in referencing such vehicles. This list is applicable throughout the Department of Defense.

2-2. Terms Explained:

a. **Aircraft.** An air vehicle, designed primarily for flight in the atmosphere, which has incorporated in its basic design the ability and/or requirement for human occupancy.

b. **Guided Missile.** An unmanned, self-propelled vehicle designed to move in a trajectory or flight path all or partially above the earth's surface, and whose trajectory or course, while the vehicle is in motion, is capable of being controlled remotely or by homing systems, by inertial, and/or programmed guidance from within. This term does not include space vehicles, space launch vehicles (space boosters), or naval torpedoes, but it does include target and reconnaissance drones.

c. **Probe.** A nonorbital, instrumented vehicle not involved in space missions that is used to penetrate the aerospace environment and transmit or report back information.

d. **Rocket.** A self-propelled vehicle without installed or remote control guidance mechanisms, whose trajectory or flight path cannot be altered after launch. Normally, rocket systems designed for line-of-sight ground fire against ground targets are not included.

e. **Vehicle.** A rocket or guided missile, as described herein, including either one used as a probe.

2-3. Aerospace Vehicle Designation System. All Department of Defense aerospace vehicles are assigned designations, often referred to as MDS (mission-design-series), to conform with the Joint Regulation (para 1-1). A complete description of the applicable aerospace vehicle designations is given in the referenced Joint Regulation. A brief description of these designations follows:

a. **Status Prefix Symbols—Designations for aerospace vehicles in a usage other than their intended or ultimate purpose.**

b. **Modified Mission Symbols.** Designations for aircraft modified beyond their originally intended capability or with an additional or restricted capability.

c. **Launch Environment Symbol.** Designations to indicate mode of rocket or guided missile launch.

d. **Basic Mission and Type Symbols.** Designations for primary function of aircraft.

e. **Mission Symbols.** Designations of functional or military purpose of rockets and guided missiles.

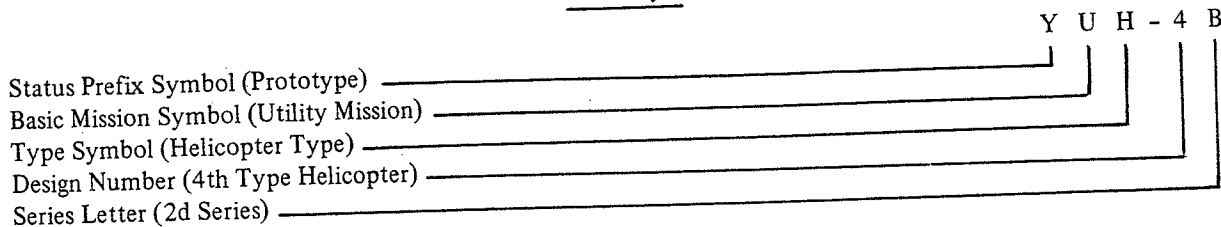
f. **Vehicle Type Symbols.** Designations of class of vehicle (guided missile, probe or rocket).

g. **Design Numbers.** Basic identifications of aerospace vehicles within the same type or class.

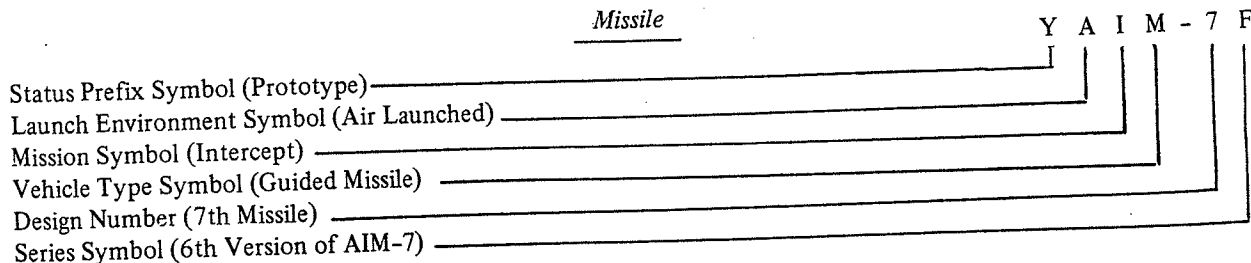
h. **Series Symbols.** Designations of each new design of aerospace vehicle within the same type or class. Additional identifier codes, described in the Joint Regulation, are used for configuration management and for logistical and accounting purposes at the discretion of the military department concerned. Examples of the aerospace vehicle designation system are shown in the following sketch:

AEROSPACE VEHICLE DESIGNATION

Aircraft



Missile



2-4. Points of Contact, Military Departments:**Air Force:**

Headquarters, 4950th Test Wing
Engineering Standards Division (TZD)
Wright-Patterson AFB OH 45433
Phone: 513 255-6291, 6292, 6293
Autovon: 785-6291

Army:

Headquarters, Army Materiel Command
Director of Research
Development and Engineering (AMCRD-P)
Washington DC 20315
Phone: 202 274-9861
Autovon: 224-9861

Navy:

Naval Air Systems Command
Code 52021F
Washington DC 20360
Phone: 202 692-7645, 7646
Autovon: 222-7645, 7646

(1) The designated Air Force single point of contact will be the official assignment agency for the Department of Defense.

(2) The designated Army and Navy single point of contact will be the official requesting agencies for their respective departments.

SECTION I

MILITARY AIRCRAFT

MODEL DESIGNATION			ATTACK SERIES			POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES		
Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series						
-	-	A	-	1	E	A-1E	McDonnell-Douglas	1	R-3350-26WD Wright	AF	Single-engine land or carrier-based multipurpose aircraft developed to permit great versatility as an attack bomber or utility aircraft. 2-crew.
-	E	A	-	1	E	EA-1E	McDonnell-Douglas	1	R-3350-26WD Wright	Navy	Same features as A-1E except incorporates improved radar for early warning and ASW search operations. 3-crew.
-	-	A	-	1	G	A-1G	McDonnell-Douglas	1	R-3350-26WD Wright	AF	Same as A-1E except equipped for night attack operations.
-	-	A	-	1	H	A-1H	McDonnell-Douglas	1	R-3350-26WD Wright	AF	Improved A-1D Series equipped to carry heavy stores on centerline rack. 1-crew.
-	-	A	-	1	J	A-1J	McDonnell-Douglas	1	R-3350-26WD Wright	AF	Similar to A-1H except incorporates improved engine and internal wing redesign for greater fatigue strength. 1-crew.
-	-	A	-	3	A	A-3A	McDonnell-Douglas	2	J57-P-6B	Navy	Swept high wing, carrier-based, high performance attack aircraft with tricycle landing gear. 3-crew.
-	E	A	-	3	A	EA-3A	McDonnell-Douglas	2	J57-P-6/-6B	Navy	Same as A-3A except equipped for countermeasures. Bomb capabilities removed. 4-crew.
-	-	A	-	3	B	A-3B	McDonnell-Douglas	2	J57-P-10	Navy	An improved A-3A adaptable to mining missions. 3-crew.
-	E	A	-	3	B	EA-3B	McDonnell-Douglas	2	J57-P-10	Navy	A-3B equipped for countermeasures. 7-crew.
-	K	A	-	3	B	KA-3B	McDonnell-Douglas	2	J57-P-10	Navy	Similar to A-3B aircraft except modified to a tanker capability.
-	EK	A	-	3	B	EKA-3B	McDonnell-Douglas	2	J57-P-10	Navy	Model A-3B aircraft configured for the TACOS (Tanker Aircraft/Countermeasures or Strike) mission.
-	R	A	-	3	B	RA-3B	McDonnell-Douglas	2	J57-P-10	Navy	A-3B equipped for photography. 3-crew.
-	T	A	-	3	B	TA-3B	McDonnell-Douglas	2	J57-P-10	Navy	A-3B equipped for bombardier/navigator training. 8-crew.
-	V	A	-	3	B	VA-3B	McDonnell-Douglas	2	J57-P-10	Navy	Similar to EA-3B and TA-3B aircraft except for modification of cabin area for personnel accommodations. 3-crew.
-	-	A	-	4	B	A-4B	McDonnell-Douglas	1	J65-W-16A/-20	Navy	Similar to A-4A except incorporating in-flight refueling "buddy tanker" pressure refueling and other changes. 1 crew.

Model Designation	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MFR	Popular Name	ENGINE DATA No. Type	SERVICE	FEATURES
TA-4B	T	A	-	4	B	McDonnell-Douglas	Skyhawk	1 J65-W-16A/-20	Navy	Noncombatant A-4B aircraft used as trainers.
A-4C	-	A	-	4	C	McDonnell-Douglas	Skyhawk	1 J65-W-16A/-20	Navy	Improved A-4B aircraft having longer nose, uprated engine, and limited weather capability. 1-crew.
A-4E	-	A	-	4	E	McDonnell-Douglas	Skyhawk	1 J52-P-6A/-8A/-8B	Navy	Similar to A-4C except equipped with a different engine and two additional wing bomb rack stations. 1-crew.
A-4F	-	A	-	4	F	McDonnell-Douglas	Skyhawk	1 J52-P-8A/-8B	Navy	Similar to A-4E except for engine ESCAPAC 1C-3 ejection seat, lift spoilers nose wheel steering, and improved avionics equipment. 1-crew.
TA-4F	T	A	-	4	F	McDonnell-Douglas	Skyhawk	1 J52-P-6A/-6B/-8A	Navy	Modified A-4F aircraft equipped with dual controls and increased length of forward fuselage, 2 crew.
A-4G	-	A	-	4	G	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	Similar to A-4F except modified for use by the Royal Australian Navy.
TA-4G	T	A	-	4	G	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	Similar to TA-4F aircraft except modified for use by Australia.
A-4H	-	A	-	4	H	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	Similar to A-4F/-4E except modified for use by Israel.
TA-4H	T	A	-	4	H	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	A two-place trainer version of the A-4H aircraft for use by Israel.
TA-4J	T	A	-	4	J	McDonnell-Douglas	Skyhawk	1 J52-P-6A/-6B	Navy	Similar to TA-4F aircraft except equipped with basic wiring provisions only for Sbrrike, Bullpup, Buddy Store Refueling, AN/APG-53 Radar Doppler, and AN/ASN-41 Navigation Computer. Primarily configured for advanced Training Command.
A-4K	-	A	-	4	K	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	Similar to A-4F equipped with drag chute and VHF radio for use by New Zealand.
TA-4K	T	A	-	4	K	McDonnell-Douglas	Skyhawk	1 J52-P-8A	Navy	Similar to TA-4F aircraft equipped with drag chute and UHF radio for use by New Zealand.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	-	A	-	4	L	A-4L	McDonnell-Douglas	Skyhawk	1	J65-W-20	Navy	A-4C aircraft configured with uprated engine, winglift spoilers, walleye and shrike capability, upper avionics compartment changes with improved avionics.
-	-	A	-	4	M	A-4M	McDonnell-Douglas	Skyhawk	1	J52-P-408	Navy	Similar to A-4F except engine, enlarged canopy, increased AMMO capacity and drag chute.
-	R	A	-	5	C	RA-5C	N. American Rockwell	Vigilante	2	J79-GE-8B/-8C/-10	Navy	The RA-5C is the airborne platform of the Integrated Operational Intelligence System (IOIS). The airborne collection system is compatible with a surface-processing correlation system to make possible quick operational end use of all data collected. The RA-5C obtains current intelligence and information on areas and targets of interest to the on-scene tactical commander for support of carrier attack forces. It provides all-weather collection capabilities employing photo, radar, infrared and electronics techniques. Features include pressurized cabins, ejection seats, inertial navigation and bombing system, in-flight refueling capability. 3,600 gallon internal fuel capacity, and four 400 gallon external tanks can be added.
-	-	A	-	6	A	A-6A	Grumman	Intruder	2	J52-P-6A/-6B/-8A/-8B	Navy	All-weather, low-altitude, carrier-based, two-place attack airplane. Primary mission of this aircraft is to conduct interdiction close-air-support missions and attacks on land bases and ships under all weather conditions. 2-crew.
-	E	A	-	6	A	EA-6A	Grumman	Intruder	2	J52-P-8A/-8B	Navy	Same as A-6A except configured for tactical ECM mission capability. 2-crew.
-	-	A	-	6	B	A-6B	Grumman	Intruder	2	J52-P-6A/-8A	Navy	Similar to A-6A aircraft except configured for Standard ARM Missile System.
-	E	A	-	6	B	EA-6B	Grumman	Prowler	2	J52-P-8A/-8B/-408	Navy	Similar to EA-6A except has increased length, higher data rate, more versatile electronic surveillance system, and more powerful jammers. 4-crew.
-	-	A	-	6	C	A-6C	Grumman	Intruder	2	J52-P-8A	Navy	TRIM version of the A-6A aircraft by the addition of a beacon receiver system, multisensor displays and a removable centerline pod containing DIANE integrated electro-optical sensors in a common gimbal turret.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
- K	A	- 6	D	KA-6D	Grumman	Intruder	2	J52-P-6A/-8A	Navy	Similar to A-6A airframe. Diame system is removed and internal aerial refueling system is installed. Capable of visual attack. 2-crew.	
-	A	- 6	E	A-6E	Grumman	Intruder	2	J52-P-8A/-8B	Navy	A modified production version of the A-6A.	
-	A	- 7	A	A-7A	LTV Aerospace Corp.	Corsair II	1	TF30-P-6	Navy	A single-place carrier-based light attack aircraft. Used primarily for tactical strike, close support and interdiction type missions.	
-	A	- 7	B	A-7B	LTV Aerospace Corp.	Corsair II	1	TF30-P-8/-408	Navy	Similar to A-7A except for improved engine, and addition of variable position flaps.	
-	A	- 7	C	A-7C	LTV Aerospace Corp.	Corsair II	1	TF30-P-8 TF30-P-408	Navy	Advanced NAV/Weapons Delivery System; one 20mm M61A1 Gun vice two 20mm MK-12 Mod O Guns.	
-	A	- 7	D	A-7D	LTV Aerospace Corp.	Corsair II	1	TF41-A-1	AF	Similar to Navy A-7A except modified as an Air Force version.	
Y	A	- 7	D	YA-7D	LTV Aerospace Corp.	Corsair II	1	TF41-A-1	AF	Similar to A-7B having different structures, wings, etc.	
-	A	- 7	E	A-7E	LTV Aerospace Corp.	Corsair II	1	TF41-A-2	Navy	Similar to A-7B with improved NAV/WEAPONS delivery system and one 20 mm M61A1 gun vice two 20mm MK-12 MOD O guns.	
-	A	- 7	G	A-7G	LTV Aerospace Corp.	Corsair II	1	TF41-A-2	Navy	Similar to A-7 Series aircraft except incorporates airframe and equipment changes. MAP aircraft.	
-	A	- 9	A	A-9A	Northrop	Not Assigned	2	YF102-1D-100	AF	A close air support attack aircraft.	
-	A	- 10	A	A-10A	Fairchild-Hiller	Not Assigned	2	TF34-GE-2	AF	A close air support attack aircraft.	
-	A	- 26	A	A-26A	McDonnell-Douglas	Invader	2	R-2800-52w P & W	AF	Similar to B-26B, except modified for special air warfare missions including photo-reconnaissance. Formerly designated B-26K.	

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
-	-	A	-	37	A	A-37A	Cessna	Not Assigned	2 J85-GE-17A	AF	Similar to YAT-37D prototype, except has J85-GE-17A engines and other slight modifications.
Y	-	A	-	37	A	YA-37A	Cessna	Not Assigned	2 J85-GE-17A	AF	T-37B aircraft modified for COIN operation. Has new engines, wing strengthened to accommodate external stores and tip tanks for increased fuel capacity. Also has augmented avionics capabilities, armor plate, and high-flotation gear. 2-crew. Formerly YAT-37D.
-	-	A	-	37	B	A-37B	Cessna	Not Assigned	2 J85-GE-17A	AF	Same as A-37A except A-37B will be new aircraft presently in production.

MODEL DESIGNATION		BOMBER SERIES		POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
Mod Mission	Basic Mission	MFR	Design No				
-	B - B	McDonnell-Douglas	26 B	Invader	2 R-2800-79 P & W	AF	A three-place, midwing, all-metal monoplane, light-bombardment aircraft with tricycle landing gear. 3-crew.
-	V B - B	McDonnell-Douglas	26 B	Invader	2 R-2800-79 P & W	AF	Similar to B-26B except modified for administrative missions. 3-crew.
-	E B - B	Boeing	47 E	Stratojet	6 J47-GE-25/-25A	Navy	Similar to B-47E except for addition of special electronic equipment.
-	R B - B	Boeing	47 H	Stratojet	6 J47-GE-25/A or J47-PM-25/A or J47-ST-25/A	AF	Similar to previous "H" series except modified for electronic reconnaissance. 6-crew. Some A/C formerly designated R-47H.
-	W B - B	Boeing	50 D	Super-fortress	4 R-4360-35B P & W	AF	Similar to TB-50D except modified for weather reconnaissance. 10-crew.
-	B - B	Boeing	52 B	Strato-fortress	8 J57-P-19W/29 WA or J57-F-19W/-29WA	AF	A high speed, high altitude, land based heavy bomber aircraft. Has high swept wings, eight main wheels retracting into fuselage and small outrigger wheels at wing tip. Similar to B-52A except engines and other equipment. 8-crew.
-	B - B	Boeing	52 C	Strato-fortress	8 J57-P-19W/-29WA or J57-F-19W/-29WA	AF	Similar to B-52B with -19 engines. Increased fuel tank capacity and other equipment changes. 6-crew.
-	B - B	Boeing	52 D	Strato-fortress	8 J57-P-19W/-29WA or J57-F-19W/-29WA	AF	Similar to B-52B with -19 engines. Increased fuel tank capacity and other changes. 6-crew.
-	B - B	Boeing	52 E	Strato-fortress	8 J57-P-19W/-29WA or J57-F-19W/-29WA	AF	Similar to B-52D except utilizes Bombing NAVIGATION SYSTEM, OPTICAL AND RADAR AN/ASB-4, 6-crew.
-	B - B	Boeing	52 F	Strato-fortress	8 J57-P-43WA/WB or J57-F-43WA/WB	AF	Differs from B-52C, D, and E aircraft by change in engines. Wing structure modifications and new pods and other changes necessary due to new engines. 6-crew.
-	B - B	Boeing	52 G	Strato-fortress	8 J57-P-43WB or J57-F-43WB	AF	Similar to B-52F. Fin span reduced, ailerons deleted, enlarged nose radome and other major changes. 6-crew.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	-	B	--52	H	B-52H	Boeing	Strato-fortress	8	TF33-P-3 P & W	AF	Similar to B-52G except engine change. Has redesigned ECM equipment. 6-crew.	
-	R	B	-57	A	RB-57A	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5	AF	A wide-short, midwing, twin-jet bomber aircraft with retractable tricycle landing gear. Similar to previous B-57A except modified for photographic reconnaissance. 2-crew.	
-	-	B	-57	B	B-57B	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57A. Has revised cockpit and installed equipment changes. 2-crew.	
-	E	B	-57	B	EB-57B	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57B except modified for ECM capability. Provides electronic countermeasure targets to ground and airborne radar systems.	
-	-	B	-57	C	B-57C	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57B. Modified to include dual controls for training purposes in addition to retaining same mission capabilities as the B-57B bomber aircraft. 2-crew.	
-	R	B	-57	C	RB-57C	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57C. Modified and equipped to reconnaissance configuration. 2-crew.	
-	W	B	-57	C	WB-57C	Martin	Canberra	2	J65-W-5/-5B	AF	A dual control, wide, short mid-wing aircraft with retractable tricycle landing gear. Intended use: Weather Meteorological Mission. 2-crew.	
-	-	B	-57	E	B-57E	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57B. Dual-controlled aircraft. Modified bomb doors for installation of four tow reels and associated equipment. 2-crew.	
-	E	B	-57	E	EB-57E	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57E except modified for ECM capability. Provide electronic countermeasure targets to ground and airborne radar systems.	
-	R	B	-57	E	RB-57E	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57E, Modified and equipped to reconnaissance configuration.	

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
- R	B - 57	F	RB-57F	Martin	Canberra	2	TF33-P-11A and J60-P-9	AF	B-57B and RB-57D aircraft modified by General Dynamics/Fort Worth; incorporating new engines, new wing, and other improvements. 2-crew.		
- W	B - 57	F	WB-57F	Martin	Canberra	2	TF33-P-11A or J60-P-9	AF	A mid-ring monoplane with retractable tricycle landing gear modified from B57B/C fuselages by General Dynamics. Intended use: Weather Meteorological Mission. 2-crew.		
-	B - 57	G	B-57G	Martin	Canberra	2	J65-W-5/-5B or J65-B-5/-5B	AF	Similar to B-57B except modified to a classified configuration.		
-	B - 58	A	B-58A	Gen. Dynamics	Hustler	4	J79-GE-5A/-5B/-5C	AF	Long range, high altitude, high speed aircraft. Wing is full cantilever midwing modified delta design. Powered by four turbojet engines equipped with afterburners. Engines mounted in individual nacelles, two per wing, mounted on pylons beneath each wing.		
- E	B - 66	B	EB-66B	McDonnell-Douglas	Destroyer	2	J71-A-13	AF	A light, sweptback, high wing tactical bomber aircraft equipped with tricycle landing gear and a steerable nose wheel. Similar to B-66B except modified to a special electronic configuration.		
- R	B - 66	B	RB-66B	McDonnell-Douglas	Destroyer	2	J71-A-13	AF	Similar to B-66B except modified for reconnaissance missions for TAC. 3-crew.		
- E	B - 66	C	EB-66C	McDonnell-Douglas	Destroyer	2	J71-A-13	AF	Similar to RB-66C except modified to a special electronic configuration.		
- W	B - 66	D	WB-66D	McDonnell-Douglas	Destroyer	2	J71-A-13	AF	Similar to RB-66C except for the installation of weather equipment in place of ECM equipment. 5-crew.		
- E	B - 66	E	EB-66E	McDonnell-Douglas	Destroyer	2	J71-A-13	AF	RB-66B aircraft modified to a special electronic configuration.		

BECAUSE OF THE SIZE OF THE DESIGN NUMBERS FOR BOMBER AIRCRAFT, THIS SERIES WILL START OVER AT -1A. THE FOLLOWING NEW ASSIGNMENT HAS BEEN MADE UNDER NEW SERIES OF NUMBERS.

-	B - 1	A	B-1A	N. American Rockwell	Not Assigned	4	XF101-GE-100	AF	Development of advanced manned strategic aircraft. Design characteristics have not been finalized.
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CARGO/TRANSPORT SERIES		MODEL DESIGNATION		POPULAR NAME		ENGINE DATA		SERVICE		FEATURES	
Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MFR	POPULAR NAME	No.	Type		AF
-	R C - 45 J		RC-45J	Beech	Navigator	2	R-985-AN-14B P & W		Navy		Transport aircraft with dual flight instrumentation, propeller anti-icing and de-icer boots. Use for oblique reconnaissance photography. Hamilton-Standard hydromatic full feathering propeller. 5-crew.
-	U C - 45 J		UC-45J	Beech	Navigator	2	R-985-AN-14B P & W		Navy		Transport aircraft with dual flight instrumentation, propeller anti-icing and de-icer boots. Hamilton-Standard hydromatic full feathering propellers. 2-crew, 4-passengers.
-	- C - 46 D		C-46D	Curtiss-Wright	Commando	2	R-2800-75 P & W		AF		Primary function as paratroop transport. 2-crew, 42-passengers.
-	- C - 47 A		C-47A	McDonnell-Douglas	Skytrain	2	R-1830-92 P & W		AF		Low wing, monoplane with retractable landing gear, utilized as cargo, ambulance or troop transport. 2-crew, 24-passengers.
-	H C - 47 A		HC-47A	McDonnell-Douglas	Skytrain	2	R-1830-92 P & W		AF		Similar to C-47A except has special equipment for performance of search and rescue missions. Formerly designated SC-47A. 3-crew.
-	V C - 47 A		VC-47A	McDonnell-Douglas	Skytrain	2	R-1830-92 P & W		AF		Similar to C-47A except is modified for the transportation of staff personnel. 2-crew, 18-20-passengers.
-	- C - 47 D		C-47D	McDonnell-Douglas	Skytrain	2	R-1830-90D P & W		AF		External cargo provisions and glider tow. 5-crew, 27-paratroops or 24-26-litters, plus 2-attendants.
-	A C - 47 D		AC-47D	McDonnell-Douglas	Skytrain	2	R-1830-90D P & W		AF		Similar to C-47D except modified to a classified configuration.
-	E C - 47 C		EC-47D	McDonnell-Douglas	Skytrain	2	R-1830-90D P & W		AF		Similar to C-47D except has ECM capability or electronic devices to permit employment as an early warning radar station. 3-crew.
-	T C - 47 D		TC-47D	McDonnell-Douglas	Skytrain	2	R-1830-90D P & W		AF		Similar to C-47D except specifically equipped or modified for training purposes. 2-crew.
-	V C - 47 D		VC-47D	McDonnell-Douglas	Skytrain	2	R-1830-90D P & W		AF		Similar to C-47D except has accommodations for transportation of staff personnel. 2-crew, 18-20-passengers.

Model Designation	MFR	Popular Name	Engine Data No. Type	Service	Features
- - - - - Status Prefix Mod Mission Basic Mission Vehicle Type Design No Design Series					
C-47E	McDonnell-Douglas	Skytrain	2 R-2000-4 P & W	Army	Modified C-47 series aircraft designed for use as a cargo, personnel, or ambulance transport. Has provisions for carrying props and parachute packs on underside of fuselage. 4-crew, 27-28-passengers or 18-24 litters.
C-47H	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Similar to C-47A except different installed equipments with 24-volt electrical system. 3-crew.
SC-47H	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Similar to C-47H except modified and equipped as special ASW Trainer. 3-crew, 9-student, 1-instructor.
C-47J	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Similar to C-47H except for engines. Hamilton Standard propellers. 3-crew, 28-passengers or equivalent cargo.
EC-47J	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	AC-47J modified and equipped for special ECM Trainer. 3-crew, 11-students, 1-instructor.
TC-47K	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Similar to C-47J except modified as navigational trainer. 3-crew, 12-students.
C-47L	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Modified C-47H/J aircraft equipped for operations in extra continental areas in support of ALUSNA activities.
C-47M	McDonnell-Douglas	Skytrain	2 R-1830-90D/-92 P & W	Navy	Similar to C-47H/J aircraft except equipped for operations in extra-continental areas in support of MAAG and MISSION activities. Includes installation changes in interior appointments.
EC-47N	McDonnell-Douglas	Skytrain	2 R-1830-92 P & W	AF	Similar to C-47A except modified to a reconnaissance capability.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
-	E C - 47 P					EC-47P	McDonnell-Douglas	Skytrain	2 R-1830-90D P & W	AF	Similar to C-47D except modified to a reconnaissance capability.
-	E C - 47 Q					EC-47Q	McDonnell-Douglas	Skytrain	2 R-2000-4 P & W	AF	Similar to C-47A and C-47D aircraft except modified for special electronic missions requiring increased engine performance.
-	- C - 47 R					C-47R	McDonnell-Douglas	Skytrain	2 R-2000-6 P & W	Navy	A modified C-47M aircraft BUNO 99830 for use in the high altitudes of Ecuador.
-	- C - 54 D					C-54D	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Similar to C-54A except has six wing and two fuselage fuel tanks and has troop benches, litters, or cargo, space. 5-crew.
-	H C - 54 D					HC-54D	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Similar to C-54D except has special equipment for performance of search and rescue missions. Formerly designated SC-54D. 5 or more crew.
-	V C - 54 D					VC-54D	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Similar to C-54D except has accommodations such as chairs, tables, lounge, and berths for the transportation of staff personnel.
-	- C - 54 E					C-54E	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Low wing monoplane with tricycle landing gear. Similar to C-54D. Designed as a personnel transport. 44-passengers.
-	V C - 54 E					VC-54E	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Similar to C-54D. Designed as a personnel transport. 44-passengers.
-	- C - 54 G					C-54G	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Blind landing equipped, glider tow provisions, external cargo provisions, search radar some aircraft. 5-crew, 49-troops or 36-litters plus 4-attendants.
-	VC-54G					VC-54G	McDonnell-Douglas	Skymaster	4 R-2000-4 P & W	AF	Similar to C-54G except is modified for the transportation of staff personnel. 5-crew, 16-20-passengers.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	-	C	-	54	M	C-54M	McDonnell-Douglas	Skymaster	4	R-2000-4 P & W	AF	Blind landing equipped, medical supply cabinets, galley equipment, casualty carrying equipment, search radar equipment; 5-crew, 43-troops 32-litters, 3-attendants.
-	V	C	-	54	N	VC-54N	McDonnell-Douglas	Skymaster	4	R-2000-4/6 P & W	Navy	Similar to C-54A except equipped for administrative operation. Similar to commercial version DC-4. 6-crew, 16-20-passengers.
-	-	C	-	54	P	C-54P	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	Similar to C-54A except for replacement of two cabin tanks and AN type end fittings for all rigid and flexible lines. 6-crew, 40-50-passengers or equivalent cargo.
-	V	C	-	54	P	VC-54P	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	C-54 equipped for administrative operations. 6-crew, 22-passengers, 10 berths.
-	-	C	-	54	Q	C-54Q	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	Similar to C-54D. Equipped with Hamilton Standard propellers. 6-crew, 40-50-passenger equivalent cargo.
-	V	C	-	54	Q	VC-54Q	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	C-54Q equipped for administrative operations. 6-crew, 22-passengers, 10-berths.
-	-	C	-	54	R	C-54R	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	Similar to C-54. Equipped for personnel transport operation. 6-crew, 40-passengers.
-	-	C	-	54	S	C-54S	McDonnell-Douglas	Skymaster	4	R-2000-4/-6 P & W	Navy	Modernized C-54P and C-54Q equipped with AN/APS-42 Radar and Electronic Autopilot. 6-crew, 40-50-passengers or equivalent cargo.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	V	C	-	54	S	VC-54S	McDonnell-Douglas	Skymaster	4	R-2000-4/ -6 P & W	Navy	Modernized VC-54N, VC-54P, and VC-54Q equipped with AN/APS-42 radar and electronic autopilot. 6-crew, 22-passengers.
-	-	C	-	54	T	C-54T	McDonnell Douglas	Skymaster	4	R-2000-4/ -6 P & W	Navy	Modernized C-54R with AN/APS-42 radar and electronic autopilot. 6-crew.
-	-	C	-	97	D	C-97D	Boeing	Strato-cruiser	4	R-4360-59B P & W	AF	Pressurized cabin, galley equipped, search and navigation radar, P.A. and intercom system, wing drop tanks, reverse pitch props. 5-crew, 60-passengers.
-	-	C	-	97	E	C-97E	Boeing	Strato-freighter	4	R-4360-59B P & W	AF	Similar to KC-97E except is cargo, troop, litter, and passenger version. 5-crew.
-	-	C	-	97	F	C-97F	Boeing	Strato-freighter	4	R-4360-59B P & W	AF	Similar to KC-97F except modified to provide working facilities for a staff in transporting large engines, bulky mock-ups etc. Modifications are: removal of aerial refueling equipment, installation of semi-enclosed passenger compartment with four seats, conference table, latrine and closet space, installation of clamshell doors, and provisions for installing snap-in passenger seats. 4-crew.
-	-	C	-	97	G	C-97G	Boeing	Strato-freighter	4	R-4360-59B P & W	AF	Similar to KC-97G except modified for use by ANG units for cargo/air evacuation airlift missions. Modifications are: removal of aerial refueling equipment and installation of cargo doors, ballast tanks and ramps, passenger seats with litters and storage provisions, PA system, emergency lighting, and receptacle for iron lung. 4-crew.
-	H	C	-	97	G	HC-97G	Boeing	Strato-freighter	4	R-4360-59B P & W	AF	Similar to KC-97G aircraft except modified for search/rescue. 7-crew.
-	K	C	-	97	G	KC-97G	Boeing	Strato-freighter	4	R-4360-59B P & W	AF	Same as the KC-97F except for installation of wing drop tanks, deletion of radio operators station, changes in electronic equipment and other minor changes. 4-crew, 96-troops.
-	-	C	-	97	K	C-97K	Boeing	Strato-cruiser	4	R-4360-59B P & W	AF	Similar to C-97G except modified to semi-staff for SAC mission support.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
-	K C - 97	L				KC-97L	Boeing	Strato-freighter	4 R-4360-59B P & W and 2 J47-GE-25/A or J47-PM-25/A or J47-ST-25/A	AF	Similar to KC-97G except modified with jet engine pods, jet engine controls and the installation of AN/APX-29A and AN/ARA-25 rendezvous equipment.
-	C - 117 B					C-117B	McDonnell-Douglas	Skytrain	2 R-1830-90D P & W	AF	Similar to C-117A except for engine change.
-	V C - 117 B					VC-117B	McDonnell-Douglas	Skytrain	2 R-1830-90D P & W	AF	C-117B equipped for administrative operations.
-	C - 117 D					C-117D	McDonnell-Douglas	Skytrain	2 R-1820-80A Wright	Navy	Similar to C-47H and C-47J except for engine. Modified to include new flush-riveted wing panels, new tail, new landing gear. 3-crew, 35-troops, 30-passengers, or 27-litters or equivalent cargo.
-	L C - 117 D					LC-117D	McDonnell-Douglas	Skytrain	2 R-1820-80A Wright	Navy	Similar to C-117D except modified extensively for operation in Antarctica under extreme range and high gross weight conditions in remote and primitive polar area. 3-crew.
-	T C - 117 D					TC-117D	McDonnell-Douglas	Skytrain	2 R-1820-80A Wright	Navy	C-117D provided with eight tables equipped with oxygen, intercommunication system, light and outside temperature gauge to accommodate a maximum of eight students for navigation. 3-crew, 8-students.
-	V C - 118 A					VC-118A	McDonnell-Douglas	Liftmaster	4 R-2800-52W P & W	AF	Long range, low wing, monoplane equipped with fully retractable landing gear and pressurized cabin. Used as cargo, personnel, ambulance or staff transport. 5-crew, 79-troops or 61-litters.
-	V C - 118 B					VC-118B	McDonnell-Douglas	Liftmaster	4 R-2800-52W P & W	AF	Similar to C-118A with accommodations for transportation of staff personnel. 5-crew.
-	C - 118 B					C-118B	McDonnell-Douglas	Liftmaster	4 R-2800-52W P & W	Navy	Cargo transport adapted for troops, passengers, and/or litters, similar to commercial version Douglas DC-6A. 6-crew, 79-troop, 76-passengers, or 60-litters plus 6-attendants, or equivalent cargo.

Status Prefix	A Mod Mission	C Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA Type	SERVICE	FEATURES
-	-	-	-	118 B	Design Series	VC-118B	McDonnell-Douglas	Lifmaster	4 R-2800-52W P & W	Navy	Passenger version of C-118B modified for administrative operation, similar to commercial version Douglas DC-6B. 5-crew, 30-passengers.
-	-	C	-	119 C		C-119C	Fairchild Hiller	Flying Boxcar	2 R-11360-20WB P & W	AF	A twin boom, high-wing land monoplane of all-metal construction having conventional tricycle gear with a steerable nose gear. Constant speed, 4-bladed, reversible pitch propeller. 5-crew, 42-troops.
-	-	C	-	119 F		C-119F	Fairchild Hiller	Flying Boxcar	2 R-3350-36WA Wright	Navy	Similar to C-119C except for engines, hydraulic landing gear and flaps. 5-crew, 42-troops, 35-litters.
-	-	C	-	119 G		C-119G	Fairchild Hiller	Flying Boxcar	2 R-3350-89B Wright	AF	Differs from the C-119F by the installation of Aero Products propellers in lieu of Hamilton Standard. 5-crew, 42-troop normal, 62 maximum or 35-litters plus 4-attendants.
-	A	C	-	119 G		AC-119G	Fairchild Hiller	Flying Boxcar	2 R-3350-89B Wright	AF	Similar to C-119G except modified to an attack configuration.
-	-	C	-	119 J		C-119J	Fairchild Hiller	Flying Boxcar	2 R-3350-89B Wright	AF	Similar to C-119G except for modification of cargo doors from "Clamshell" to "Beaver Tail." Formerly designated MC-119. 5-crew.
Y	-	C	-	119 K		YC-119K	Fairchild Hiller	Flying Boxcar	2 R-3350-999-TC18EA2 Wright and J85-GE-17	AF	Similar to C-119G except modified to a prototype aircraft for the purpose of Flight Demonstrations. Aircraft has two Wright reciprocating engines plus two jet pods.
-	A	C	-	119 K		AC-119K	Fairchild Hiller	Flying Boxcar	2 RE-3350-999 TC18EA2 Wright and J85-GE-17	AF	Similar to YC-119K except modified to an attack configuration. Aircraft has two Wright reciprocating engines plus two jet pods.
-	-	C	-	119 L		C-119L	Fairchild Hiller	Flying Boxcar	2 R-3350-89B	AF	Similar to C-119G, Modified with Hamilton Standard Propellers.
-	R	C	-	119 L		RC-119L	Fairchild Hiller	Flying Boxcar	2 R-3350-89B	AF	Modified C-119G. Design details classified.
-	-	C	-	121 C		C-121C	Lockheed	Super Constellation	4 R-3350-93 Wright	AF	High speed, low wing monoplane with dual wheel tricycle landing gear. Used to transport personnel. Similar to C-121A except increased fuselage length and different engines. 4-crew, 4-relief crew, 72-troops or 47-litters plus 2-attendants.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	V	C	-	121	C	VC-121C	Lockheed	Super Constellation	4	R-3350-93 Wright	AF	Passenger version of C-121C modified for administrative purposes.
-	E	C	-	121	D	EC-121D	Lockheed	Constellation	4	R-3350-93 Wright	AF	Similar to RC-121C except for engines. Is a special search airplane with bottom and top radar antenna. 16-crew.
-	-	C	-	121	G	C-121G	Lockheed	Super Constellation	4	R-3350-93 Wright	AF	Cargo aircraft readily convertible to personnel or litter configurations without structural modifications. Similar to commercial Lockheed (Connie) except fuselage and wing have been reinforced for 150,000-lb takeoff weight, new landing gear, fore and aft cargo doors, a heavy cargo floor, and increased fuel and oil capacity. 5-crew plus 5-relief-crew, 72-troops or 47-litters plus two attendants.
-	-	C	-	121	J	C-121J	Lockheed	Super Constellation	4	R-3350-42 Wright	Navy	Cargo, personnel evacuation, transport, Hamilton Standard propellers, 8-crew, 92-passengers, 62-litters or equivalent cargo.
-	E	C	-	121	K	EC-121K	Lockheed	Warning Star	4	R-3350-42 Wright	Navy/AF	Development of RC-121C and RC-121D (super constellation) special search airplane with bottom and top radar antenna. Hamilton Standard props. 26-crew.
-	E	C	-	121	M	EC-121M	Lockheed	Warning Star	4	R-3350-42 Wright	Navy	EC-121K modified to be a countermeasures aircraft with an electronic configuration and a mission capability differing in many details from the EC-121K aircraft. 26-crew.
-	W	C	-	121	N	WC-121N	Lockheed	Warning Star	4	R-3350-42/-93 Wright	Navy	Weather reconnaissance version of EC-121K. 16-crew.
-	E	C	-	121	P	EC-121P	Lockheed	Warning Star	4	R-3350-34/-42 Wright	Navy	Similar to EC-121K except has certain specific ASW detection equipment installed. 26-crew
-	E	C	-	121	Q	EC-121Q	Lockheed	Constellation	4	R-3350-93 Wright	AF	EC-121D Aircraft modified for Brass Knob.
-	E	C	-	121	R	EC-121R	Lockheed	Constellation	4	R-3350-34/-42 Wright	AF	Navy special electronic EC-121K/P aircraft modified to and AF special electronic capability.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE Type	SERVICE	FEATURES
-	E C	-	121 S	EC-121S	Lockheed	Constellation	4	R-3350-93 Wright	AF	Similar to C-121C except modified to a special electronic configuration.		
-	E C	-	121 T	EC-121T	Lockheed	Constellation	4	R-3350-93 Wright	AF	Similar to EC-121D. Modified to a classified configuration.		
-	-	C	-	123 B	Fairchild Hiller	Provider	2	R-2800-99W P & W	AF/CG	Transports combat and other equipment for airborne assault troops, also the resupply by air of advanced combat positions, evacuation of wounded and air transportation of paratroops to drop zone. Coast Guard uses aircraft for aerial logistics supply of LORAN stations. 2-crew, 60-troops or 50-litters plus four attendants.		
-	-	C	-	123 J	Fairchild Hiller	Provider	2	R-2800-99W P & W and J44-R-3	AF	Similar to C-123B except modified by incorporation of wing-tip jets, skis, additional electronic equipment and attendant navigation equipment, and facilities necessary to the arctic mission.		
-	-	C	-	123 K	Fairchild Hiller	Provider	2	R-2800-99W P & W and J85-GE-17	AF	Similar to C-123B aircraft except modified by installing auxiliary jet engines providing improved takeoff performance and engine out safety.		
N	-	C	-	123 K	Fairchild Hiller	Provider	2	R-2800-99W P & W and J85-GE-17	AF	Similar to C-123K but partially demodified from AC-123K (modified to an attack configuration) to permit general cargo handling and troop movement. 5-crew.		
-	-	C	-	124 C	McDonnell-Douglas	Globemaster	4	R-4360-63A P & W	AF	A low-wing monoplane having clamshell cargo doors in front fuselage and loading elevator in center fuselage capable of transporting heavy ground force and ordnance equipment in main cabin. 5-crew, 200-troops or 127-litters plus 3-ambulatory patients or attendants.		
-	-	C	-	130 A	Lockheed	Hercules	4	T56-A-9/-9A/-9B	AF	A high-wing, all-metal construction, medium-range, land-based monoplane, for rapid transportation of personnel, cargo or paratroops. 4-crew, 92-troop or 64-paratroops or 70-litters plus six attendants.		
-	A C	-	130 A	AC-130A	Lockheed	Hercules	4	T56-A-1A/-9	AF	Similar to C-130A except modified to an attack configuration.		

Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
- D	C	- 130	A		DC-130A	Lockheed	Hercules	4	T56-A-1A/-9/-9A	AF/Navy	Similar to C-130A except is capable of controlling a drone aircraft or missile. Formerly designated GC-130A; 4-crew(AF), 8-crew(Navy).
- R	C	- 130	A		RC-130A	Lockheed	Hercules	4	T56-A-9/-9A/-9B	AF	Similar to C-130A except has mission to perform electronic aerial, geodetic surveying and photogram-metric mapping. 7-crew, 4-passengers, 20-TAC jump seats.
- -	C	- 130	B		C-130B	Lockheed	Hercules	4	T56-A-7/-7A	AF	Similar to C-130A except for engines, and propellers, has additional electronic equipment, increased fuel and oil capacity, and increased weights. 4-crew, 92-troops or 64-paratroops or 74-litters plus two attendants.
- H	C	- 130	B		HC-130B	Lockheed	Hercules	4	T56-A-7/-7A	CG	Similar to C-130B except has special equipment for performance of search and rescue missions. Formerly designated SC-130B; 4-crew.
- W	C	- 130	B		WC-130B	Lockheed	Hercules	4	T56-A-7/-7A	AF	Similar to C-130B aircraft except modified for Air Weather Service.
- -	C	- 130	D		C-130D	Lockheed	Hercules	4	T56-A-9/-9A/-9B	AF	Similar to C-130A except has skis for use on landing strips of advance base operations; has two external 450-gal. fuel tanks. 4-crew, 92-troop or 64-paratroops or 74-litters plus two attendants.
- -	C	- 130	E		C-130E	Lockheed	Hercules	4	T56-A-7/-7A	AF	Similar to C-130B except has increased fuel, weights, and load-carrying capacity. 5-crew, 92-troops or 64-paratroops or 74-litters plus 2-attendants.
- A	C	- 130	E		AC-130E	Lockheed	Hercules	4	T56-A-7	AF	Similar to C-130E except modified to a gunship configuration.
- D	C	- 130	E		DC-130E	Lockheed	Hercules	4	T56-A-7/-7A	AF	Similar to C-130E except modified as director aircraft.
- E	C	- 130	E		EC-130E	Lockheed	Hercules	4	T56-A-7/-7A	CG	Similar to C-130E except modified with the deletion of external pylon tanks and the addition of a radio operator and alternate navigator positions, electronic calibration AC for worldwide calibration of LORAN.
-					WC-130E	Lockheed	Hercules	4	T56-A-7/-7A	AF	Similar to C-130E aircraft except modified for Air Weather Service.

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	C	C	- 130 F			C-130F	Lockheed	Hercules	4	T56-A-7/-7A	Navy	KC-130F with aerial refueler kit (tanks and pods) and cargo aerial delivery system removed. 7-crew.
-	K	C	- 130 F			KC-130F	Lockheed	Hercules	4	T56-A-16	Navy	Similar to C-130B. Tactical tanker/cargo/personnel/evacuation transport. 7-crew.
-	L	C	- 130 F			LC-130F	Lockheed	Hercules	4	T56-A-16	Navy	Sid-equipped cargo/personnel transport aircraft similar to C-130B. 7-crew or 92-troops or 74-litters plus 2-attendants or equivalent cargo.
-	E	C	- 130 G			EC-130G	Lockheed	Hercules	4	T56-A-16	Navy	Similar to C-130E. Has permanently installed Tacamo III System and uprated electronics.
-	-	C	- 130 H			C-130H	Lockheed	Hercules	4	T56-A-15	AF	C-130E airframe equipped with new engines and new communication and navigation equipment. Similar to HC-130H except does not have the search/rescue capability. Intended for MAP.
-	A	C	- 130 H			AC-130H	Lockheed	Hercules	4	T56-A-15	AF	Similar to AC-130E except further modified by change in engines and additional equipment added to the gunship configuration.
-	H	C	- 130 H			HC-130H	Lockheed	Hercules	4	T56-A-15	AF	Similar to HC-130E, except for engine and equipped for modern search and aerial recovery assignments.
-	-	C	- 130 K			C-130K	Lockheed	Hercules	4	T56-A-15	UK	Similar to C-130E, except has T56-A-15 engines, British navigational/communication equipment and a redesigned cargo floor and tiedown grid pattern. 5-crew.
-	-	C	- 130 M			C-130M	Lockheed	Hercules	4	T56-A-7	AF	Aircraft has C-130E structure with C-130B forward cargo door installed. C-130B electronics C-130B cockpit configuration, and FY62, C-130B GFAE except AN/ARN-22 and SCR-718 replaced by AN/APN-150 and AN/APN-133 MAP aircraft
-	H	C	- 130 N			HC-130N	Lockheed	Hercules	4	T56-A-15	AF	Similar to HC-130 H/P except has C-130E type nose radome and a new center wing section design, does not have surface-to-air recovery subsystem or 1800-gallon fuel tanks.