

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
F-3B	McDonnell	Demon	1 J71-A-2E	Navy	A single engine, swept wing and tail surfaces, high performance fighter aircraft with tricycle landing gear. Equipped to carry Sparrow III Guided Missiles. One crew. Formerly designated F3H-2.
MF-3B	McDonnell	Demon	1 J71-A-2E	Navy	A F-3B adapted for carrying Sparrow I Guided Missiles. One crew. Formerly designated F3H-2M.
F-3C	McDonnell	Demon	1 J71-A-2E	Navy	Improved all-weather version of F-3 series with new fire control, engine and wing. One crew. Formerly designated F3H-2N.
F-4A	McDonnell	Phantom II	2 J79-GE-2	Navy	A twin-engine, tricycle gear, carrier-based, all-weather fighter carrying missiles and special stores. Two crew. Formerly designated F4H-1F.
F-4B	McDonnell	Phantom II	2 J79-GE-8	Navy	Modification of the F-4A embodying the J79-GE-8 engine. Two crew. Formerly designated F4H-1.
RF-4B	McDonnell	Phantom II	2 J79-GE-8	Navy	A F-4B equipped for photography. Two crew. Formerly designated F4H-1P.
F-4C	McDonnell		2 J79-GE-15	AF	Similar to F-4A except AF version having different engine and different equipment. Two crew. Formerly designated F-110A.
RF-4C	McDonnell		2 J79-GE-15	AF	Similar to F-4C except modified for photographic and/or electronic reconnaissance missions. Two crew. Formerly designated RF-110A.
YF-5A	Northrop		2 J85-GE-13	AF	A prototype single place, mid-wing fighter version of the T-38A aircraft. One crew.
F-5A	Northrop		2 J85-GE-13	AF	A single place, mid-wing fighter version of the T-38A talon A/C. One crew. Formerly designated N-156.
F-5B	Northrop		2 J85-GE-13	AF	Similar to F-5A except as a two-place fighter/trainer A/C. Two crew. Formerly designated N-156.
F-6A	Douglas	Skyray	1 J57-P-8B	Navy	A single-engine, single place, high performance, delta wing, carrier-based, all-weather interceptor having tricycle gear and equipped with AERO 13F ACS. One crew. Formerly designated F4D-1.
F-8A	Chance-Vought	Crusader	1 J57-P-4A	Navy	Single place, swept wing, carrier-based high performance day fighter equipped to carry Sidewinder Missiles. Has variable incidence wing. One crew. Formerly designated F8U-1.
DF-8A	Chance Vought	Crusader	1 J57-P-4A	Navy	An F-8A configured as Regulus I/II high speed control type aircraft. One crew. Formerly designated F8U-1D.
QF-8A	Chance Vought	Crusader	1 J57-P-4A	Navy	F-8A configured as Regulus I high speed, trounce and radio controlled type aircraft. One crew. Formerly designated F8U-1KD.
RF-8A	Chance Vought	Crusader	1 J57-P-4A	Navy	Photographic version of the F-8A aircraft. One crew. Formerly designated F8U-1P.
TF-8A	Chance Vought	Crusader	1 J57-P-20	Navy	A F-8A configured as a two seat advanced jet trainer. Two crew. Formerly designated F8U-1T.
F-8B	Chance Vought	Crusader	1 J57-P-4A	Navy	F-8A aircraft with AN/APS-67 Visual Assist Radar installed. One crew. Formerly designated F8U-1E.
F-8C	Chance Vought	Crusader	1 J57-P-16	Navy	Improved version of F-8B embodying new engine. Fixed ventral fins. One crew. Formerly designated F8U-2.
F-8D	Chance Vought	Crusader	1 J57-P-20	Navy	Similar to F-8C. Limited all-weather aircraft incorporating AN/APQ-83 radar, autopilot, higher thrust engine, and additional fuel capacity. Equipped to carry four Sidewinder Missiles. One crew. Formerly designated F8U-2N.

FIGHTER SERIES Continued:

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FIGHTER SERIES Continued:

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
F-9E	Chance Vought	Crusader	1 J57-P-20	Navy	Similar to F-8D except equipped with AN/APQ-94 radar having a larger antenna. One crew. Formerly designated F8U-2NE.
DF-9E	Grumman	Panther	1 J42-P-8	Navy	A single engine, single place mid-wing jet fighter aircraft having tricycle landing gear equipped for simulating a Regulus I Radio Command or Trounce Guided Missile. One crew. Formerly designated F9F-8KD.
F-9F	Grumman	Cougar	1 J48-P-6A/8	Navy	Carrier based, high performance day fighter. Tricycle landing gear. Swept wings and tail. One crew. Formerly designated F9F-6.
DF-9F	Grumman	Cougar	1 J48-P-6/8	Navy	A F-9F modified and equipped to air control either the F-9 target drone or the KDA-1 target. One crew. Formerly designated F9F-6D.
QF-9F	Grumman	Cougar	1 J48-P-6A	Navy	F-9F modified and equipped as a target aircraft. One crew. Formerly designated F9F-6K.
QF-9G	Grumman	Cougar	1 J48-P-8/8A	Navy	A F-9F aircraft modified to a configuration having as its primary mission operational employment as an RD&E target aircraft. One crew. Formerly designated F9F-6K2.
F-9H	Grumman	Cougar	1 J33-A-16A	Navy	Similar to F-9F except for engine. One crew. Formerly designated F9F-7.
F-9J	Grumman	Cougar	1 J48-P-8/8A	Navy	Similar to F-9F. Extended fuselage and wing modification. Equipped for carrying Sidewinder Missile. One crew. Formerly designated F9F-8.
AF-9J	Grumman	Cougar	1 J48-P-8/8A	Navy	A F-9J modified and equipped for attack missions. One crew. Formerly designated F9F-8B.
RF-9J	Grumman	Cougar	1 J48-P-8/8A	Navy	A F-9J modified and equipped for photography missions. One crew. Formerly designated F9F-8P.
TF-9J	Grumman	Cougar	1 J48-P-8/-8A	Navy	A F-9J with extended front fuselage for two crew in tandem. Equipped to carry Sidewinder Missile. Two guns omitted. Two crew. Formerly designated F9F-8T.
F-10A	Douglas	Sky Knight	2 J34-WE-34	Navy	Two-place, carrier based high performance night fighter. Two crew. Formerly designated F3D-1.
F-10B	Douglas	Sky Knight	2 J34-WE-36/36A	Navy	Improved version of F-10A incorporating improved radar equipment. Two crew. Formerly designated F3D-2.
EF-10B	Douglas	Sky Knight	2 J34-WE-36/36A	Navy	F-10B equipped for countermeasures. Two crew. Formerly designated F3D-2Q.
MF-10B	Douglas	Sky Knight	2 J34-WE-36	Navy	An F-10B equipped with radar and provision for launching Sparrow I Missiles. Two crew. Formerly designated F3D-2M.
TF-10B	Douglas	Sky Knight	2 J34-WE-36/36A	Navy	F-10B equipped with AN/APG-51A or AN/APG-51B equipment. Two crew. Formerly designated F3D-2T2.
F-11A	Grumman	Tiger	1 J65-W-18	Navy	High performance fighter, swept-back wings, equipped to carry Sidewinder Missile. One crew. Formerly designated F11F-1.
F-11B	Grumman	Tiger	1 J79-GE-3	Navy	A F-11A with experimental engine for improved performance. One crew. Formerly designated F11F-1F.

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<b>HELICOPTER SERIES:</b>					
UH-1	Bell	Iroquois	1 T53-L-1	Army	A single rotor, two-bladed helicopter shaft driven by a gas turbine engine. Torque counteracted by a two-bladed tail rotor mounted on a tail boom. Capable of carrying two litter patients or four passengers. Two crew. Formerly designated HU-1.
UH-1A	Bell	Iroquois	1 T53-L-1A	Army	Production version of UH-1. Has skid-type landing gear. Provisions for dual controls and internal ferry tank. Two crew, four passengers. Formerly designated HU-1A.
YUH-1B	Bell		1 T53-L-9	Army	This aircraft, serial no. 55-4461 was reworked as a prototype to the UH-1B configuration. Bailed to Bell Helicopter Co. for ground testing. Two crew plus two litter. Formerly designated XH-40A.
UH-1B	Bell	Iroquois	1 T53-L-5	Army	Similar to UH-1A except for engine and has knee-high cargo floor, co-pilot controls are removable, and litters may be loaded from either side or both simultaneously. Two crew, seven pass. Formerly designated HU-1B.
UH-1D	Bell	Iroquois	1 T53-L-9	Army	Similar to UH-1B except for engine and provisions for two internal ferry tanks of 150 gal. capacity each. One crew, eleven passengers. Formerly designated HU-1D.
UH-1E	Bell		1 T53-L-9	Navy	Single engine, lightweight observation helicopter. Two crew. Formerly designated HU-1E.
UH-2A	Kaman	Sea Sprite	1 T58-GE-6/8	Navy	High performance turbine powered helicopter to accomplish general utility tasks. Two crew, two passengers. Formerly designated HUZK-1.
UH-2B	Kaman	Sea Sprite	1 T58-GE-8/8A/ 8B/8C	Navy	A UH-2A with auxiliary fuel tanks and certain electronic equipment removed. Two crew. Formerly designated HUZK-1U.
SH-3A	Sikorsky	Sea King	2 T58-GE-6	Navy	A twin-turbine powered helicopter. Has single five-bladed main rotor and five-bladed tail rotor, retractable dual main gear plus fixed tail wheel and amphibious hull. All weather search and attack. ASW configuration. Four crew. Formerly designated HSS-2.
VH-3A	Sikorsky	Sea King	2 T58-GE-8C	Navy	Executive transport version of SH-3A Helicopter. Four crew. Formerly designated HSS-2Z.
CH-3B	Sikorsky		2 T-58-GE-8	AF	A twin-turbine, single main rotor, anti-tail rotor passenger/cargo helicopter capable of operating from land or water. Provides rapid, direct-to-the-scene transportation for logistic support, drone recovery and airlift operations. Has side loading features. ASW equipment removed. Three crew, twenty-five passengers.
CH-3C	Sikorsky		2 T58-GE-8C	AF	Similar to CH-3B except incorporates a rear loading ramp. Three crew, twenty-five passengers.
OH-4A	Bell		T63-A- /T65-L-	Army	Light observation helicopter with an endurance of three hours. Crew of one plus two passengers. Formerly designated HO-4.
OH-5A	Hiller		T63-A- /T65-L-	Army	Light observation helicopter with an endurance of three hours. Crew of one plus two passengers. Formerly designated HO-5.
OH-6A	Hughes		T63-A- /T65-L-	Army	Light observation helicopter with an endurance of three hours. Crew of one plus two passengers. Formerly designated HO-6.
OH-13E	Bell	Sioux	1 O-335-5 Aircooled Motors	Army	A single two-bladed rotor, anti-torque tail rotor helicopter. Incorporates a new main transmission, new tail rotor gear box and a rotor brake over previous versions. Designed for liaison, observation, and evacuation missions. Two crew. Formerly designated H-13E.

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<b>HELICOPTER SERIES Continued:</b>					
OH-13G	Bell	Sioux	1 O-335-5 Aircooled Motors	Army	Similar to OH-13E except relocation of fuel tank, added fuel capacity, and controllable horizontal stabilizer, new battery and other changes to provide increased stability. Two crew. Formerly designated H-13G.
OH-13H	Bell	Sioux	1 O-435-23 Lycoming	Army	Similar to OH-13G except for engine change. Three crew. Formerly designated H-13H.
UH-13H	Bell	Sioux	1 O-435-23 Lycoming	AF	Similar to OH-13G. Designed for general utility missions. Three crew. Formerly designated H-13H.
UH-13J	Bell	Sioux	1 O-435-23 Lycoming	AF	Similar to UH-13H helicopter except is a four-place aircraft rather than three-place, and has a larger diameter main rotor. Four crew. Formerly designated H-13J.
OH-13K	Bell	Sioux	6 VS-0335 1 Franklin	Army	Bell Model 47G-3 light helicopter suitable for liaison and training (when equipped with dual controls, which are optional). Plastic bubble crew compartment, steel tube truss fuselage construction. One crew, two pass. Formerly designated H-13K.
TH-13L	Bell	Sioux	1 O-335-5 Aircooled Motors	Navy	Single, two-blade main rotor with tail antitorque rotor and gravity feed fuel system with skeleton tail frame. Two crew. Formerly designated HTL-4.
TH-13M	Bell	Sioux	1 O-335-5 Aircooled Motors	Navy	Similar to TH-13L with metal tail rotor blades, new rotor brakes, improved cyclic controls, synchronized elevators and other changes. Skid landing gear. One crew, one student. Formerly designated HTL-6.
TH-13N	Bell	Sioux	1 O-435-6/6A Lycoming	Navy	Similar to previous series. Different engine modified for training. One crew, one passenger. Formerly designated HTL-7.
UH-13P	Bell	Sioux	1 O-435-6/6A Lycoming	Navy	Ship or land based, light utility helicopter for evacuation, staff liaison, cargo and ferry missions. One crew, three passengers. Formerly designated HUL-1.
HH-13Q	Bell	Sioux	1 O-435-6/6A Lycoming	Navy (C. G.)	A UH-13P modified for search/rescue use by U. S. Coast Guard. One crew. Formerly designated HUL-1G.
UH-13R	Bell	Sioux	1 O-435-6/6A Lycoming	Navy	UH-13P modified to carry guided missiles. One crew. Formerly designated HUL-1M.
OH-13S	Bell	Sioux	2 TVO-435 Lycoming	Army	A OH-13H modified. Engine is modified to accept a turbo super charger. Tail boom extended 14 inches, rotor blades 1 ft. longer, tail rotor drive extended, gross weight increased to 2750 lbs.
UH-19A	Sikorsky	Chickasaw	1 R-1340-57 P & W	AF	All metal, semi-monocoque fuselage helicopter. Has one all metal, three bladed main rotor and a all metal two bladed anti-torque tail rotor. Engine mounted in nose, quadricycle landing gear, slide-by-side seating, external cargo sling, dual controls. Used for general utility operations. Two crew, ten pass. Formerly designated H-19A.
HHU-19A	Sikorsky	Chickasaw	1 R-1340-57 P & W	AF	Same as UH-19A except modified for search/rescue operations. Two crew, ten pass. Formerly designated SH-19A.
UH-19B	Sikorsky	Chickasaw	1 R-1300-3/3A/3B Wright	AF	Similar to UH-19A except for engine and aft seating fuel tanks. formerly designated H-19B. Formerly designated H-19B.
HH-19B	Sikorsky	Chickasaw	1 R-1300-3/3A/3B Wright	AF	Similar to UH-19B except equipped for search and rescue missions. Two crew, ten pass. Formerly designated SH-19B.

MODEL DESIGNATION	MFR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
HELICOPTER SERIES Continued:					
UH-19C	Sikorsky	Chickasaw	1 R-1340-57 P & W	Army	Similar to UH-19A except for installation of Army type communication type equipment. Two crew, ten pass. Formerly designated H-19C.
UH-19D	Sikorsky	Chickasaw	1 R-1300-3 Wright	Army	Same as UH-19B except for installation of Army type communications equipment. Two crew, ten passengers. Formerly designated H-19D.
UH-19E	Sikorsky		1 R-1300-3D Wright	Navy	Similar to UH-19D except for improved engine and minor equipment differences. One crew, eight troops. Formerly designated HRS-3.
UH-19F	Sikorsky		1 R-1300-3D Wright	Navy	Similar to CH-19E except modified to ASW configuration. Three crew. Formerly designated HO4S-3.
HH-19G	Sikorsky		1 R-1300-3D Wright	Navy (C. G.)	Single three-blade rotor and tail anti-torque rotor, with quadricycle landing gear. Three crew. Formerly designated HO4S-3G.
CH-21A	Vertol	Workhorse	1 R-1800-103 Wright	AF	All metal, semi-monocoque constructed helicopter for transport and cargo operations. Crew compartment in nose, side-by-side seating. Has three bladed, all metal rotors arranged in tandem and turning in opposite directions. Tricycle type landing gear. Two crew, sixteen pass. Formerly designated H-21A.
CH-21B	Vertol	Workhorse (AF) Shawnee (ARMY)	1 R-1820-103	AF/Army	Similar to CH-21A except for major equipment changes and additions. For assault and army support use. Two crew, twenty passengers. Formerly designated H-21B.
HH-21B	Vertol	Workhorse	1 R-1820-103 Wright	AF	Similar to CH-21B except modified for search rescue missions. Has emergency flotation gear, emergency crew warning system, anticollision light, moveable landing lights and AN/ARQ-25 homing equipment. Two crew, twenty-two passengers. Formerly designated SH-21B.
CH-21C	Vertol	Workhorse	1 R-1820-103 Wright	AF	Similar to CH-21B except for major differences in communication equipment and deletion of automatic pilot. Two crew, twenty passengers. Formerly designated H-21C.
CH-21C	Vertol	Shawnee	1 R-1820-103 Wright	Army	Similar to CH-21B except for major differences in communication equipment, external cargo sling added and other cargo and loading features. Two crew, twenty passengers. Formerly designated H-21C.
OH-23B	Hiller	Raven	1 O-335-6 Aircooled Motors	Army	All metal, semi-monocoque fuselage with one two-bladed main rotor and one two-bladed anti-torque rotor mounted on tail boom. Equipped with dual controls. For liaison and observation operations. Three crew, two passengers. Formerly designated H-23B.
OH-23C	Hiller	Raven	1 O-335-6 Aircooled Motors	Army	Similar to OH-23B except redesigned cyclic gimbal ring, tail rotor pitch change rod, installation of gravity feed lubrication system, new windshield canopy, relocation of radio and landing lights, and other major changes. Three crew. Formerly designated H-23C.
OH-23D	Hiller	Raven	1 O-435-23A Lycoming	Army	Similar to OH-23C except engine change, redesigned transmission system, engine mount and tail rotor drive. Three crew. Formerly designated H-23D.
OH-23F	Hiller	Raven	1 VO-540 Lycoming	Army	Similar to OH-23D except increased gross weight of 2,940 lbs. Hiller Model 13E4. Crew of one plus three passengers. Formerly designated H-23F.
OH-23G	Hiller	Raven	1 VO-540 Lycoming	Army	Same as OH-23D except different engine and gross weight increased to 2800 lbs.

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HELICOPTER SERIES Continued:

UH-25B	Vertol	Retriever	1 R-975-46A Continental	Navy	A all metal constructed helicopter with 2-three-bladed rotors arranged in tandem. For search, rescue and utility use. Three crew. Formerly designated HUP-2.
UH-25C	Vertol	Retriever	1 R-975-46A Continental	Navy	Similar to UH-25B. For search, rescue, and utility operations. Three crew. Formerly designated HUP-3.
CH-34A	Sikorsky	Choctaw	1 R-1800-84 Wright	Army	Sikorsky Model S-58 helicopter equipped with a four bladed main rotor and tail rotor. Has two wheel main landing gear and small tail wheel. Provisions for crew plus fourteen passengers or eight litter patients. Equipped to carry external sling loads. Two crew, eighteen passengers. Formerly designated H-34A.
CH-34C	Sikorsky	Choctaw	1 R-1820-84 Wright	AF/Army	Similar to CH-34A except has automatic stabilization equipment installed. Utilized as a light transport helicopter. Two crew, fourteen passengers. Formerly designated H-34C.
LH-34D	Sikorsky	Seahorse	1 R-1820-84A Wright	Navy	UH-34E modified extensively for operation in Antarctica under extreme range and high gross weight conditions in remote and primitive polar areas. Two crew. Formerly designated HUS-1L.
UH-34D	Sikorsky	Seahorse	1 R-1820-84A Wright	Navy	Similar to CH-34A. Utility version. Two crew, twelve passengers. Formerly designated HUS-1.
VH-34D	Sikorsky	Seahorse	1 R-1820-84B Wright	Navy	Administrative version of UH-34D. Two crew, twelve passengers. Formerly designated HUS-1Z.
UH-34E	Sikorsky	Seahorse	1 R-1820-84A Wright	Navy	Similar to UH-34D plus external fuel tanks and donut floatation gear. Two crew, twelve passengers. Formerly designated HUS-1A.
HH-34F	Sikorsky	Seahorse	1 R-1820-84A Wright	Navy	Similar to UH-34D except modified for use by U. S. Coast Guard. Two crew, twelve passengers. Formerly designated HUS-1G.
SH-34G	Sikorsky	Seabat	1 R-1820-84A Wright	Navy	Similar to UH-34D except configured for ASW operations. Four crew. Formerly designated HSS-1.
SH-34H	Sikorsky	Seabat	1 YT-58-GE-2	Navy	A SH-34G helicopter bailed to contractor for installation and testing of T58 turbine engine. Four crew. Formerly designated HSS-1F.
SH-34J	Sikorsky	Seabat	1 R-1820-84B Wright	Navy	Similar to SH-34G except engine and incorporates equipment necessary for night ASW operations. Four crew. Formerly designated HSS-1N.
CH-37A	Sikorsky	Mojave	2 R-2800-54 P & W	AF/Army	All metal helicopter having a single main rotor with five blades and a single tail rotor of four blades. Engines are mounted in nacelles at ends of high stub wings. Three crew, twenty-three pass. Formerly designated H-37A.
CH-37B	Sikorsky	Mojave	2 R-2800-54 P & W	Army	Similar to CH-37A except has automatic stabilization equipment and modernized electronics equipment installed. Three crew, twenty-four troop, thirty-three pass. Formerly designated H-37B.
CH-37C	Sikorsky	Seneca	2 R-2800-54 P & W	Navy	Similar to CH-37A. A Marine assault helicopter to be used for carrier or shore operation. Two crew, twenty troop. Formerly designated HR25-1.
NH-41A	Cessna	Seneca	1 FSO-526 Continental	Army	A four-place helicopter having a two-bladed metal main rotor and a two-bladed metal tail rotor. Has skid-type landing gear. Formerly designated YH-41.

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HELICOPTER SERIES Continued:

UH-41A	Cessna		1 FSO-526-A Continental	AF	A Cessna Model CH-1C (Skyhook) helicopter. Has a two-bladed main rotor and a two-bladed tail rotor. Has skid-type landing gear. Procured under Mutual Assistance Program for rescue and transportation of personnel and cargo. Two crew, two passengers. Formerly designated H-41.
HH-43A	Kaman		1 R-1340-48 P & W	AF	A twin rotor, single engine helicopter designed for crash-rescue operations. Semi-monocone constructed fuselage. Rotor are intermeshing, counter-rotating rotors, each with two blades, mounted side-by-side. Has non-retractable, four wheel type landing gear. Two crew, three pass. Formerly designated H-43A.
HH-43B	Kaman		1 T53-L-1B	AF	Similar to HH-43A except has turboprop engine in lieu of reciprocating engine. Two crew, six pass. Formerly designated H-43B.
UH-43C	Kaman		1 R-1340-52 P & W	Navy	Similar to HH-43A except different engine. Incorporates electronic and electrical equipment necessary for plane guard duty and light-to-medium shipboard utility operations. Two crew, two passengers. Formerly designated HUK-1.
OH-43D	Kaman		1 R-1340-48A P & W	Navy	Similar to HH-43A except for engine. Has quadricycle landing gear and intermeshing counter-rotating main rotor blades. Two crew, two passengers. Formerly designated HOK-1.
TH-43E	Kaman		1 O-435-4 Lycoming	Navy	Twin rotor intermeshing blades and side by side seating. Two crew. Formerly designated HTK-1.
CH-46A	Boeing Vertol Div.	Sea Knight	2 T58-GE-8	Navy	Twin engine rotary wing aircraft to be used by the Marine Corps for troop and cargo movement. Similar to commercial version 107-II. Provisions for 17 troops or 15 litter patients and 2 attendants or cargo. Three crew. Formerly designated HIRB-1.
RH-46A	Boeing Vertol Div.		2 T58-GE-8	Navy	A CH-46A modified and equipped for aerial mine countermeasures and mine sweeping operations. Three crew.
XCH-46B	Boeing Vertol Div.		2 T58-GE-8	AF	A twin-turbine powered, tandem rotor passenger/cargo helicopter capable of operating from land or water during all weather conditions. Operational mission is to provide rapid-direct-to-the-scene transportation for logistic support, drone recovery and airlift operations. Three crew. Formerly designated HX/H-2.
CH-46C	Vertol		2 T58-GE-8	Army	Cargo helicopter having two tandem rotors of 48'4" dia., range of 200NM, gross weight of 18,700 lbs. and cruises at 130K. Crew of two. Formerly designated HC-1A.
CH-47A	Vertol	Chinook	2 T55-L-5	Army	A twin-engine, tandem rotor passenger/cargo helicopter having all weather flight capabilities. Has quadricycle gear, dual controls and rear loading ramp. Three crew, thirty-three pass. Formerly designated HC-1B.
XH-48A				AF	Data not available. Formerly designated HX/H-1.
QH-50A	Gyrodyne		702/4 Porsche	Navy	Remotely controlled (non-man carrying and non-target usage) airborne ASW torpedo carrier. This vehicle has gross weight of approx. 900 lbs. and is capable of carrying a 265 lb. weapon with a combat radius of 29 miles. Formerly designated DSN-1.
QH-50B	Gyrodyne		2 702/4 Porsche	Navy	Remotely controlled (non-man carrying and non-target usage) airborne ASW torpedo carrier. This vehicle has gross weight of 1500 lbs. and is capable of carrying 500 lb weapon with a combat radius of 30 miles. Formerly designated DSN-2.

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HELICOPTER SERIES Continued:

QH-50C	Gyrodyne	T50-BO-4 Boeing	Navy	Remotely controlled (non-man carrying and non-target usage) airborne ASW torpedo carrier. This vehicle has gross weight of 2183 lbs. and is capable of carrying 750 lb. weapon with a combat radius of 30 miles. Formerly designated DSN-3.
XH-51A	Lockheed	T-74 P & W (Canada)	Navy	Single lifting rotor research helicopter to be used for evaluating the rigid rotor system concept incorporating a gyroscopic control system for inherent stability. Two crew.
HH-52A	Sikorsky	1 T59-GE-8B	Navy (C. G.)	Turbine powered amphibious search and rescue type helicopter designed to operate equally well at high altitudes or at sea level in arctic or tropical regions. Three crew.
CH-53A	Sikorsky	2 T64-GE-6	Navy	A twin turbine assault transport helicopter to be employed primarily in the movement of cargo and equipment, and secondarily in the transportation of troops, in the amphibious assault and subsequent operations ashore. Three crew.



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OBSERVATION SERIES:

O-1A	Cessna	Bird Dog	1	O-470-11 Continental	Army	A single engine, two-place tandem, closed cabin, high wing aircraft of conventional strut-braced, two-spar design. All metal semi-monocoque fuselage with a fixed pitch McCauley propeller. Twenty-four volt electrical system. Two crew. Formerly designated L-19A.
O-1B	Cessna		1	O-470-11 Continental	Navy	Same as O-1A with minor changes. Two crew. Formerly designated by Navy as OE-1.
O-1C	Cessna		1	O-470-2 Continental	Navy	O-1B modified with new engine, constant speed propeller, electric flap control system, self-sealing fuel cells, new tail surfaces, and free blown windshields. Two crew. Formerly designated OE-2.
TO-1D	Cessna	Bird Dog	1	O-470-15 Continental	Army	Similar to O-1A (formerly L-19A) modified with new engine and equipped with dual flight and engine instruments, dual communication and navigation equipment for use as an instrument flight trainer. Equipped with a McCauley Model 2A36C constant speed propeller. Two crew. Formerly designated TL-19D.
O-1E	Cessna	Bird Dog	1	O-470-11 Continental	Army	Similar to O-1A (formerly L-19A) with changes incorporated which has a higher gross weight. Structural strengthening added to accommodate the increased weight. Used for pilot training and for front line reconnaissance and air observation to assist ground operations. Two crew. Formerly designated L-19E.
O-1F	Cessna	Bird Dog	1	O-470-15 Continental	Army	A TO-1D aircraft modified. Differences are: one instrument panel removed, eliminating training capabilities. A four (4) shackle drop load system installed. Non-standard (Army) electronic configuration installed. Two crew.

MODEL DESIGNATION	MFG.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
P-2D	Lockheed	Neptune	2 R-3350-36W Wright	Navy	A twin-engine high wing monoplane with tricycle landing gear and a high single fin. Wing tip tanks provides increase fuel capacity. Incorporates search radar. Single package ASW. Eight crew. Formerly designated P2V-4.
P-2E	Lockheed	Neptune	See Features	Navy	Similar to P-2D except for additional armament loads and ASW capability. Hamilton Standard propellers. Engine data: (2) Wright R-3350-36W plus (2) Westinghouse J34-WE-34 (in jet pods). Nine crew. Formerly designated P2V-5F.
DP-2E	Lockheed	Neptune	See Features	Navy	Similar to P-2E except converted to launch and control aerial targets. Engine data: (2) Wright R-3350-36W/32W plus (2) Westinghouse J34-WE-34 (jet pods). Nine crew. Formerly designated P2V-5FD.
EP-2E	Lockheed	Neptune	2 R-3350-32W/32WA	Navy	A P-2E configured for modest JULIE/JEZEBEL capability. Nine crew. Formerly designated P2V-5FE.
SP-2E	Lockheed	Neptune	See Features	Navy	A P-2E modified to JULIE/JEZEBEL configuration. Engine data: (2) Wright R-3350-36W/32W plus (2) Westinghouse J34-WE-34 (jet pods). Nine crew. Formerly designated P2V-5FS.
P-2F	Lockheed	Neptune	2 R-3350-36W Wright	Navy	Similar to P-2E. High performance mining aircraft, secondary ASW missions. Combined search and attack radar. Nine crew. Formerly designated P2V-6.
MP-2F	Lockheed	Neptune	2 R-3350-36W Wright	Navy	Similar to P-2F. Modified to launch ASM-N-2 missile. Nine crew. Formerly designated P2V-6M.
TP-2F	Lockheed	Neptune	2 R-3350-36W Wright	Navy	Similar to MP-2E with the exception that "Petrel" capability has been removed. Nine crew. Formerly designated P2V-6T.
P-2G	Lockheed	Neptune	See Features	Navy	A P-2F modified for external jet pods. Engine data: (2) Wright R-3350-36W plus (2) Westinghouse J34-WE-36 (jet pods). Nine crew. Formerly designated P2V-6F.
P-2H	Lockheed	Neptune	See Features	Navy	Similar to P-2E. Has improved ASW capability. Engine data: (2) Wright R-3350-32W plus (2) Westinghouse J34-WE-36 (jet pods). Ten crew. Formerly designated P2V-7.
SP-2H	Lockheed	Neptune	See Features	Navy	A P-2H modified to JULIE/JEZEBEL configuration. Engine data: (2) Wright R-3350-32W plus (2) Westinghouse J34-WE-36 (jet pods). Ten crew. Formerly designated P2V-7S.
LP-2J	Lockheed	Neptune	See Features	Navy	A P-2H modified extensively for operation in Antarctica under extreme range and high gross weight conditions in remote and primitive polar areas. Engine data: (2) Wright R-3350-32WA plus (2) J34-WE-36 (jet pods). Formerly designated P2V-7LP.
YP-3A	Lockheed		4 T56-A-10	Navy	A test aircraft built from a commercial "Electra" which contains most of the P-3A aircraft systems and equipment, however, it does not have the gross weight, fuel capacity, range, structural requirements or performance. Ten crew. Formerly designated Y/P3V-1.
P-3A	Lockheed	Orion	4 T56-A-10	Navy	An anti-submarine patrol aircraft developed from the commercial Lockheed "Electra" design. Ten crew. Formerly designated P3V-1.
QP-4B	Convair		4 R-1830-94 P & W	Navy	An all metal, high wing, multi-engine, monoplane with tricycle landing gear. Equipped as a control target aircraft. Eleven crew. Formerly designated P4Y-2K.

**PATROL SERIES:**

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
P-7A	Martin	Marlin	2 R-3350-36W/32W Wright	Navy	All metal, high wing, single tail, twin engine, long hull patrol aircraft. Hamilton Standard propellers and ASW equipment. Eleven crew. Formerly designated P5M-1.
SP-5A	Martin	Marlin	2 R-3350-36W/32W Wright	Navy	A P-5A modified to JULIE/JEZEBEL configuration. Eleven crew. Formerly designated P5M-1S.
TP-5A	Martin	Marlin	2 R-3350-36W Wright	Navy	Similar to P-5A except ASW capability has been removed. Eleven crew. Formerly designated P5M-1T.
P-5B	Martin	Marlin	2 R-3350-32W Wright	Navy	Improved model of P-5A with T-tail and higher powered engines. Eleven crew. Formerly designated P5M-2.
SP-5B	Martin	Marlin	2 R-3350-32W Wright	Navy	A P-5B converted to JULIE/JEZEBEL configuration. Eleven crew. Formerly designated P5M-2S.

PATROL SERIES Continued:

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
S-2A	Grumman	Tracker	2 R-1820-82 Wright	Navy	High-wing monoplane, with tricycle landing gear providing an aircraft with combined ASW search and attack capability in a single package. Four crew. Formerly designated S2F-1.
TS-2A	Grumman	Tracker	2 R-1820-82 Wright	Navy	Same as S-2A except has AN/APS-38 equipment and Marine Marker Petro Launcher removed prior to assignment to CNATRA. Four crew. Formerly designated S2F-1T.
S-2B	Grumman	Tracker	2 R-1820-82 Wright	Navy	S-2A aircraft with interim JULIE configuration. Four crew. Formerly designated S2F-1S.
S-2C	Grumman	Tracker	2 R-1820-82 Wright	Navy	Similar to S-2A except for longer bomb bay and wider stabilizer. Four crew. Formerly designated S2F-2.
RS-2C	Grumman	Tracker	2 R-1820-82 Wright	Navy	Photographic version of S-2C. Four crew. Formerly designated S2F-2P.
US-2C	Grumman	Tracker	2 R-1820-82 Wright	Navy	S-2C aircraft modified for target towing operations. Four crew.
S-2D	Grumman	Tracker	R-1820-82A/82WA Wright	Navy	Improved version of S-2A and S-2C aircraft. Incorporates most modern developments in AIR-ASW electronics and armament fields consistent with time of aircraft. Four crew. Formerly designated S2F-3.
S-2E	Grumman	Tracker	2 R-1820-82A Wright	Navy	An S-2D equipped with Antisubmarine Warfare Tactical Navigation System (AN/ASN-30). Four crew. Formerly designated S2F-3S.
S-2F	Grumman	Tracker	2 R-1820-82 Wright	Navy	S-2B aircraft with final JULIE/JEZEBEL configuration. Four crew. Formerly designated S2F-1S1.

**ANTI-SUB SERIES:**

FEATURES

SERVICE

ENGINE DATA  
No. Type

POPULAR  
NAME

MFR.

MODEL  
DESIGNATION

TRAINER SERIES:

MODEL DESIGNATION	MFR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
T-1A	Lockheed	Sea Star	1 J33-A-24/24A	Navy	A two place, low wing, tricycle landing gear jet aircraft for training operations. Similar to T-33B except for new engine, provisions for carrier use, new tail, raised cockpit, improved fuel system and air impingement starting. Two crew. Formerly designated T2V-1.
T-2A	N. American	Buckeye	1 J34-WE-48/46	Navy	A single engine, two place, low wing basic carrier jet trainer. Two crew. Formerly designated T2J-1.
T-2B	N. American	Buckeye	2 J60-P-3	Navy	Similar to T-2A except with dual engine installation, reinforced wing structure and modernized avionics equipment. Two crew. Formerly designated T2J-2.
T-28A	N. American	Trojan	1 R-1300-1A Wright	AF/Navy	A two-place single engine, low wing, all metal monoplane with retractable tricycle landing gear with steerable nose wheel. For primary pilot training. Two crew.
T-28B	N. American	Trojan	1 R-1820-86/86A Wright	AF/Navy	Similar to T-28A aircraft. Has different engines. Used as basic trainer. Two crew.
DT-28B	N. American	Trojan	1 R-1820-86/86A Wright	Navy	A T-28B equipped for target aircraft control operation. Two crew. Formerly designated T-28BD.
T-28C	N. American	Trojan	1 R-1820-86/86A Wright	Navy	A modified T-28B incorporating redesigned rudder, reduced propeller diameter suitable for carrier operation slight differences in cockpit arrangement. Two crew.
T-28D	N. American	Trojan	1 R-1820-56 Wright	AF	T-28A aircraft modified for "NOMAD" configuration. Installation of R-1820-56 engine and three bladed propeller, self sealing fuel cells, additional armament stations, armor plate and dual communication equipment. Two crew.
YAT-28E	N. American	Trojan	1 YLTC4G3 Lycoming	AF	A T-28A modified into reconnaissance attack aircraft for COIN operation. Has new engine, wing strengthening to accommodate external stores, armor plate and increased fuel capacity, fuselage lengthened and addition of pylon and one M-3 Machine Gun under each wing. One crew.
T-29A	Convair	Flying Class-room	2 R-2800-97 P & W	AF	A twin engine, low wing monoplane, transport type aircraft with retractable tricycle landing gear having dual wheels and steerable nose wheel. Non-pressurized. Equipped as navigator-bombardier trainer. Four crew, ten students.
VT-29A	Convair	Flying Class-room	2 R-2800-97 P & W	AF	Same as T-29A except modified to executive transport. Two crew, fourteen passengers.
T-29B	Convair	Flying Class-room	2 R-2800-97 P & W	AF	Similar to T-29A except for installation of cabin pressurization, periscopic sextant window, deletion of one astrodome and addition of a hydraulic system driving an alternator and generator. Four crew, ten students.
VT-29B	Convair	Flying Class-room	2 R-2800-97 P & W	AF	Same as T-29B except modified to executive transports. Two crew, twenty-three passengers.
T-29C	Convair	Flying Class-room	2 R-2800-99W P & W	AF	Similar to the T-29B except for installation of different engines and modified escape hatches. Has Astrocompasses, Driftmeters, and Periscopic Sextant installed for use by navigation students. Used as navigator-bombardier trainers. Three crew, ten navigation students.
VT-29C	Convair	Flying Class-room	2 R-2800-99W P & W	AF	Same as T-29C except modified to executive transport. Two crew, twenty-three passengers.

MODEL DESIGNATION	MFR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
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TRAINER SERIES Continued:

ET-29C	Convair		2 R-2800-99W P & W	AF	A T-29C aircraft modified to incorporate the facilities flight checking and recording system. Three crew, ten passengers. Formerly designated AT-29C.
T-29D	Convair		2 R-2800-99W P & W	AF	Similar to T-29C except for removal of the astrodomes, portions of the navigational training equipment and installation of the F-150 bombing system. Four crew.
VT-29D	Convair		2 R-2800-99W P & W	AF	Same as T-29D except modified to executive transport. Two crew, twenty-three passengers.
VT-29E	Convair		2 R-2800-99W P & W	AF	A T-29B serial number 51-5171 modified to executive transport. Two crew, twenty-three passengers.
T-33A	Lockheed	Shooting Star	1 J33-A-35	AF	An all-metal, full cantilever low wing, two-seat, high performance aircraft designed for training of flight personnel. Incorporates laminar flow wing sections, dive flaps, pressurized and heated cockpit. Has hydraulically operated tricycle landing gear. Two crew.
DT-33A	Lockheed	Shooting Star	1 J33-A-35	AF	A T-33A modified to Director Aircraft to direct either QF-80 or QB-47 aircraft from the Air. Remote control pilot controls the drones from front seat while the director pilot flies the DT-33A from back seat. Has radio guidance system and telemetering system installed. Two crew.
RT-33A	Lockheed	Shooting Star	1 J33-A-23	AF	Reconnaissance version of T-33A. Two crew.
WT-33A	Lockheed	Shooting Star	1 J33-A-23	AF	A T-33A modified for weather reconnaissance. Two crew.
T-33B	Lockheed	Shooting Star	1 J33-A-20	Navy	Similar to T-33A except for engine and other minor changes. Two crew. Formerly designated TV-2.
DT-33B	Lockheed	Shooting Star	1 J33-A-20	Navy	A T-33B equipped for use as a control airplane for guided missiles. One crew. Formerly designated TV-2D.
DT-33C	Lockheed	Shooting Star	1 J33-A-20	Navy	Similar to DT-33B with minor changes. For use as a control aircraft. Two crew. Formerly designated TV-2KD.
T-34A	Beech	Mentor	1 O-470-13/13A Continental	AF	A single engine, all metal, low wing, semi-monocoque construction, two-place tandem monoplane. Has retractable tricycle landing gear, sectionalized cockpit canopy, 12 volt electrical system. Used as Primary Basic Trainer by Training Command. Two crew.
T-34B	Beech	Mentor	1 O-470-4 Continental	Navy	Modified T-34A primary trainer with tricycle landing gear. Two crew.
T-37A	Cessna		2 J69-T-9	AF	All metal, jet-powered, two place, full cantilever low wing monoplane primary trainer employing a retractable tricycle landing gear. Is completely equipped with flight instruments. Features side-by-side seating. Nose gear is equipped with power steering. Two crew.
T-37B	Cessna		2 J69-T-25	AF	A primary jet trainer similar to T-37A except has new engine which provides increased thrust and performance. Equipped with heating, ventilating and defrosting system. Has jettisonable clamshell canopy and ejection seats. Two crew.
T-37C	Cessna		2 J69-T-25	AF	Similar to T-37B except has provisions to install or remove wing tip fuel tanks and for armament training pods as required. Procured for foreign countries in Mutual Assistance Program. Two crew.
YT-38A	Northrop	Talon	2 Y185-GE-5	AF	All metal, twin engine, two-place, student and instructor, training aircraft capable of operating at high altitudes. Has tricycle landing gear. Nose wheel is steerable. Two crew.

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
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TRAINER SERIES Continued:

T-38A	Northrop	Talon	2 J85-GE-5	AF	Production version of YT-38A Trainer. Two crew.
T-39A	N. American	Sabreliner	2 J60-P-3/3A	AF	A swept, low wing, twin-jet powered trainer aircraft. Engines are mounted on pylons on each side of fuselage just aft and above the wing trailing edge. Primary mission is flight training and maintenance of flying proficiency on multiengine jet aircraft. Two crew, four passengers.
T-39B	N. American	Sabreliner	2 J60-P-3/3A	AF	Similar to T-39A with equipment changes. Primary mission of this aircraft is a radar navigational trainer in training of radar navigation and radarscope interpretation for rated pilots. Has doppler radar equipment added. Two crew, three passengers.
T-39C	N. American	Sabreliner	2 J60-P-3/3A	AF	Same external configuration of previous T-39 series except structure modifications to accommodate a Fire Control System. Electrical power supply and air conditioning systems changed. Used by Air Training Command to provide airborne basic indoctrination thru advanced radar tactics for radar intercept officers. Two crew, three passengers.
T-39D	N. American		2 J60-P-3	Navy	Similar to T-39 Series except equipped with RADAR SET AN/APQ-94 to be used as a subsonic radar training aircraft capable of providing radar training for fleet aircraft pilots and crew. Five crew. Formerly designated T3J-1.

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
U-1A	DeHavilland	Otter	1 R-1340-59 P & W	AF/Army	A short range, high wing, light utility aircraft. Has provisions for operating on wheels, wheel-skis, or floats. Throw-over control column, dual rudder controls, tailwheel powered steering, double slotted wing flaps. Manufactures Model DHC-3. Two crew, eight passengers.
U-1B	DeHavilland	Otter	1 R-1340-DHC-3 P & W	Navy	Commercial version DHC-3 for "DEEP FREEZE" in Antarctic. Two crew, eight pass. Formerly designated UC-1
WU-2A	Lockheed		1 J-75 P & W	AF	All metal, straight mid wing, high altitude research and weather reconnaissance utility aircraft. Has one dual wheel main landing gear with removable wing tip wheels. Wings have outrigger landing skids. One crew.
U-3A	Cessna		2 O-470-M Continental	AF	Cessna Model 310. Five place, twin engine, low wing monoplane with a tricycle landing gear. Utilized for administrative and light cargo purposes. Two crew, three pass. Formerly designated L-27A.
U-3B	Cessna		2 IO-470D Continental	AF	Same as U-3A except for engine. Utilized for administrative and light cargo purposes. Two crew, three pass.
U-4A	Aero Design	Aero Commander	2 GO-480-D-1A Lycoming	AF	Twin engine, tricycle landing gear, high wing cantilever monoplane for administrative use. Aero Design & Engineering Co. Model 560A. Two crew, four passengers.
U-4B	Aero Design	Aero Commander	2 GSO-480-AIA-6 Lycoming	AF	Similar to U-4A except for engines. Two crew, four passengers.
XU-5	Helio			AF	Data not available.
U-6A	DeHavilland	Beaver	1 R-985-AN-14B or R-985-39/39A P & W	AF/A/N	A single engine, high wing, all metal monoplane. Has fixed landing gear, throw-over controls, dual rudder controls. For general utility missions. One crew, five pass. Formerly designated L-20A.
U-7A	Piper		1 O-230-D Lycoming	AF	A single engine, high wing, tandem, two-place aircraft for general utility use. Two crew. Formerly designated L-21A.
U-8D	Beech	Seminole	2 O-480-1 Lycoming	Army	A twin engine, low wing cantilever aircraft. Has 3 bladed constant speed Hartzell propellers, steerable nose wheel, equipped with deicing equipment and oxygen system. For command transport and utility missions. One crew, five passengers. Formerly designated L-23D.
RU-8D	Beech	Seminole	2 O-480-1 Lycoming	Army	Same as U-8D. Modified and equipped radar reconnaissance system. Two crew. Formerly designated RU-23D.
U-8E	Beech	Seminole	2 GO-480-C2C6 Lycoming	Army	Similar to U-8D except for engines and other refinements for improved performance. For administrative and light cargo missions. Two crew. Formerly designated L-23E.
U-8F	Beech	Seminole	2 O-480-3 Lycoming	Army	Similar to U-8E except for engine. Has larger fuselage, separate crew and passenger compartments. Fuel injection added to engine and other refinements to improve performance. One crew, two pass. Formerly designated L-23F.
U-9B	Aero Design	Aero Commander	2 GO-480-1 Lycoming	Army	Twin engine, high wing cantilever monoplane with tricycle landing gear. For administrative missions. Two crew, four passengers. Formerly designated L-26B.

UTILITY SERIES:



MODEL DESIGNATION	MFR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
U-9C	Aero Design	Aero Commander	2 GSO-480-A1A-6 Lycoming	Army	Similar to U-9B except for engines. Two crew, four pass. Formerly designated L-26C.
RU-9D	Aero Design	Aero Commander	2 GSO-480-A1A-6 Lycoming	Army	Similar to U-9C. Modified for reconnaissance missions. Five crew. Formerly designated RL-26D.
U-10A	Helio		1 GO-480-6106 Lycoming	AF	A light short take-off and landing aircraft utilized for general utility missions. Two crew, two passengers. Formerly designated L-28A.
U-10B	Helio		1 GO-480-6106 Lycoming	AF	Similar to U-10A. Modified by addition of extra fuel tanks, redesign of wing and a paratroop door on the left side. For cargo, paratroop and observation/utility missions. Two crew, two passengers.
U-10C	Helio		1 GSO-540 Lycoming	AF	Helio Model 380. Similar to U-10B except more powerful, supercharged engine, wider fuselage, longer wing and increased gross weight. For light, short take-off and landing (STOL) aircraft. Mission will be cargo, paratroop and observation. Six-place.
U-11A	Piper	Aztec	2 O-540-A1A Lycoming	Navy	For light logistic support at naval bases in Continental US. One crew, four pass. Formerly designated UO-1.
HU-16A	Grumman	Albatross	2 R-1820-76A/76B Wright	AF	Twin engine, high wing, all metal hull amphibious aircraft with fixed wing floats. For search and rescue missions. Four crew, ten passengers. Formerly designated SA-16A.
HU-16B	Grumman	Albatross	2 R-1820-76A/76B Wright	AF	Similar to HU-16A. Modified by installation of ASW equipment. Five crew, ten pass. Formerly designated SA-16B.
HU-16C	Grumman	Albatross	2 R-1820-76A/76B Wright	Navy	Similar to HU-16A. Six crew, twelve litter patients. Formerly designated UF-1.
LU-16C	Grumman	Albatross	2 R-1820-76A/76B Wright	Navy	Similar to HU-16C except converted for operation "DEEP FREEZE" in Antarctic. Six crew. Formerly designated UF-1L.
TU-16C	Grumman	Albatross	2 R-1820-76A/76B Wright	Navy	HU-16C converted for flight indoctrination (navigation). Four crew, six pass. Formerly designated UF-1T.
HU-16D	Grumman	Albatross	2 R-1820-76A/76B Wright	Navy	Improved version of HU-16C. Six crew, twelve litter patients. Formerly designated UF-2.
HU-16E	Grumman	Albatross	2 R-1820-76A/76B Wright	Navy(C. G.)	Similar to HU-16D. Modified for use by U. S. Coast Guard. Six crew, twelve litter patients. Formerly designated UF-2G.

UTILITY SERIES Continued:

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
<b>VTOL &amp; STOL SERIES:</b>					
OV-1A	Grumman	Mohawk	2 T53-L-3	Army	Twin engine surveillance (day & night) airplane, with visual observation and photographic capabilities. Crew of two. Formerly designated AO-1A.
OV-1B	Grumman	Mohawk	2 T53-L-7	Army	Same as OV-1A except different engine and with addition of side looking radar. Crew of two. Formerly designated AO-1B.
AV-1C	Grumman	Mohawk	2 T53-L-3	Army	Similar to OV-1C except modified and equipped with external weapons configuration.
OV-1C	Grumman	Mohawk	2 T53-L-3	Army	Same as OV-1A with addition of infrared detection equipment. Crew of two. Formerly designated AO-1C.
CV-2B	DeHavilland	Caribou	2 R-2000-13 P & W	Army	Cargo, Transport, fixed-wing aircraft having range of 1179 nm, gross wt. 28,500 lbs., cruise 134K. Crew of two and thirty-two passengers. Formerly designated AC-1A.
XV-3A	Bell		1 R-985-AN-1 P & W	Army	A vertical take-off aircraft developed to explore the feasibility of this configuration for application to cargo transport type aircraft. Has two - three bladed all metal convertible articulated rotor-propeller of 25' dia. Crew of four.
XV-4A	Lockheed		2 JT-12 P & W	Army	Research aircraft, employing jet ejector lift principle for VTOL flight. Gross weight approx. 7300 lbs. Crew of two. Formerly designated VZ-10.
XV-5A	General Elec. & Ryan		2 J-85 General Electric	Army	Research aircraft, employing two General Electric X353-5B lift fans and small nose fan for VTOL flight. 12,000 lbs. gross weight. Crew of two. Formerly designated VZ-11.
XV-6A	Hawker-Sidler		1 BS53	AF/A/N	Research aircraft, utilizing vectored thrust and by-pass air for VTOL and conventional flight. 12,000 lbs. gross weight. (Joint US Army-British-German Research). Crew of two. Formerly designated VZ-12.
CV-7A	DeHavilland	Caribou	2 T64-GE-8	Army	Cargo, Transport, fixed wing aircraft. Has range of 1320NM, gross weight 38,000 lbs., conventional flight or 34,000 lbs. for STOL, cruise 222K. Crew of three plus thirty-four passengers. Formerly designated AC-2.

MODEL DESIGNATION	MFGR.	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
<b>RESEARCH SERIES:</b>					
X-7A	Lockheed			AF	Data classified.
X-13A				AF	Data classified. Formerly designated X-13.
X-15A	N. American		LR99-RM-1 Reaction Motors	AF	A high speed, high altitude research airplane to supply fundamental research information on temperature effects, stability and control data, and physiological problems at high speeds and high altitudes under equivalent space flight conditions. One crew. Formerly designated X-15.
X-19A	Curtiss		2 T55-L-5 Lycoming	AF	A tandem high wing airplane with propellers mounted in four nacelles at each wing tip. Power to propellers provided by two Lycoming turbo propeller engines installed in the upper fuselage aft of the main landing gear. Prototype to determine the operation suitability of a high speed VTOL transport (Tri-Service) (Curtiss-Wright Model 200).
X-20A	Boeing	Dyna-Soar		AF	Data classified. Formerly designated X-20.
X-21A	Douglas		2 XJ79-GE-13	AF	Two Douglas NB-66D Aircraft modified by Northrop Corporation to investigate design, manufacture, operation and maintenance problems of Laminar Flow Control (LFC) for drag reduction. Has new designed wings and the accompanied suction slots, ducting and pumping system. Has necessary instrumentation and recording devices required to provide technical data. Formerly designated X-21.
X-22A	Bell Aerosystems Co.		4 T58-GE-8B	Navy	Tri-Service VTOL Research aircraft to be used to explore the mechanical and aerodynamic problems associated with the design, construction and test of the dual tandem, ducted propeller design and to evaluate its military potential. Two crew.
<b>AIRSHIP SERIES:</b>					
EZ-1B	Goodyear	Reliance	2 R-1300-2A Wright	Navy	A 343 ft. airship (originally ZPG-2) modified for AEW operations. 107 ft. extreme height. Engines inside gondola. Twenty-one crew. Formerly designated ZPG-2W.
SZ-1B	Goodyear	Seafarer	2 R-1300-2A Wright	Navy	A long endurance patrol airship utilized primarily for anti-submarine warfare. (975,000 cu. ft.) Fourteen crew. Formerly designated ZPG-2.
EZ-1C	Goodyear	Reliance	2 R-1820-88 Wright	Navy	A EZ-1B airship modified by incorporating large 42' antenna inside envelope. (1,465,000 cu. ft.) Has different engines. Twenty-one crew. Formerly designated ZPG-3W.

ALPHABETICAL LISTING OF POPULAR NAMES

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE	POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
AERO COMMANDER	U-4/U-9	AF	FLYING BOXCAR	C-119	AF
ALBATROSS	HU-16	Navy/C.G.	FLYING CLASSROOM	T-29	AF
AZTEC	U-11	Navy	FURY	F-1	Navy
BANSHEE	F-2	Navy	GLOBEMASTER	C-124	AF
BEAVER	U-6	Tri-Service	GULFSTREAM	C-4	CG
BIRD DOG	O-1	Army	HAWKEYE	E-2	Navy
BUCKEYE	T-2	Navy	HERCULES	C-130	AF/Navy
CANBERRA	B-57	AF	HUSTLER	B-58	AF
CARGO MASTER	C-133	AF	INTRUDER	A-6	Navy
CARIBOU	CV-2/CV-7	Army	INVADER	B-26	AF
CHICKASAW	UH-19	AF	IROQUIS	UH-1	Army
CHINOOK	CH-47	Army	JET STAR	C-140	AF/Navy
CHOCTAW	CH-34	AF/Army	LIFT MASTER	C-118	AF/Navy
COMMANDO	C-46	AF	MARLIN	P-5	Navy
CONSTELLATION	C-121	AF/Navy	MENTOR	T-34	AF/Navy
COUGER	F-9	Navy	MITCHELL	B-25	AF
CRUSADER	F-8	Navy	MOHAWK	OV-1	Army
DELTA DAGGER	F-102	AF	MOJAVE	CH-37	AF/Navy
DELTA DART	F-106	AF	NEPTUNE	P-2	Navy
DEMON	F-3	Navy	ORION	P-3	Navy
DESTROYER	RB-66	AF	OTTER	U-1	AF/Navy
DYNA SOAR	X-20A	AF	PACKET	C-119F	Navy
EXPEDITOR	C-45	AF	PANTHER	DF-9	Navy

ALPHABETICAL LISTING OF POPULAR NAMES

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE	POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
PHANTOM II	F-4	Navy	SKYMASTER	C-54	AF/Navy
PROVIDER	C-123	AF	SKYRAIDER	A-1	Navy
RAVEN	H-23	Army	SKYRAY	F-6	Navy
RELIANCE	EZ-1 (Airship)	Navy	SKYTRAIN	C-47/C-117	AF/Navy
RETRIEVER	UH-25	Navy	SKYWARRIOR	A-3	Navy
SABRE	F-86	AF	STARFIGHTER	F-104	AF
SABRELINER	T-39	AF/Navy	STRATOCRUISER	C-97	AF
SAVAGE	A-2	Navy	STRATOFORTRESS	B-52	AF
SCORPION	F-89	AF	STRATOFREIGHTER	C-97	AF
SEA BAT	SH-34	Navy	STRATOJET	B-47	AF
SEAFARER	SZ-1 (Airship)	Navy	STRATOLIFTER	C-135	AF
SEA HORSE	H-34	Navy	STRATOLINER	VC-137	AF
SEA KING	H-3	Navy	STRATOTANKER	KC-135	AF
SEA KNIGHT	H-46	Navy	SUPER CONSTELLATION	C-121	AF
SEA SPRITE	H-2	Navy	SUPERFORTRESS	B-29/B-50	AF
SEA STAR	T-1	Navy	SUPER SABRE	F-100	AF
SEMINOLE	U-8	Army	TALON	T-38	AF
SENECA	H-41A	Army	THUNDERCHIEF	F-105	AF
SHAWNEE	H-21	Army	THUNDERFLASH	RF-84F/RF-84K	AF
SHOOTING STAR	F-80/T-33	AF/Navy	THUNDERJET	F-84G	AF
SIoux	H-13	Army	THUNDERSTREAK	F-84F	AF
SKY HAWK	A-4	Navy	TIGER	F-11	Navy
SKY KNIGHT	F-10	Navy	TORNADO	B-45	AF

ALPHABETICAL LISTING OF POPULAR NAMES

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
TRACER	E-1	Navy
TRACKER	S-2	Navy
TRADER	C-1	Navy
TROJAN	T-28	AF/Navy
VALKYRIE	XB-70A	AF
VIGILANTE	A-5	Navy
VOODOO	F-101	AF
WARNING STAR	C-121	Navy
WORKHORSE	H-21	AF







CROSS REFERENCE LIST: New DOD Designations - To - Former Individual Service Designations

CARGO/TRANSPORT SERIES - Continued

CARGO/TRANSPORT SERIES - Continued

NEW DOD DESIGNATION	FORMER DESIGNATION	SERVICE	NEW DOD DESIGNATION	FORMER DESIGNATION	SERVICE
EC-121K	WV-2	NAVY	C-1A	TF-1	NAVY
EC-121L	WV-2E	NAVY	EC-1A	TF-1Q	NAVY
EC-121M	WV-2Q	NAVY	SPECIAL ELECTRONICS INSTALLATION SERIES		
WC-121N	WV-3	NAVY	FIGHTER SERIES		
C-123B	C-123B	AF	F-80C	F-80C	AF
C-123H	C-123H	AF	QF-80F	QF-80F	AF
C-124A	C-124A	AF	F-84F	F-84F	AF
C-124C	C-124C	AF	RF-84F	RF-84F	AF
C-130A	C-130A	AF	F-84G	F-84G	AF
DC-130A	GC-130A	AF	RF-84K	RF-84K	AF
MC-130A	GC-130A	AF	F-86D	F-86D	AF
RC-130A	RC-130A	AF	F-86F	F-86F	AF
C-130B	C-130B	AF	F-86H	F-86H	AF
HC-130B	SC-130B	AF/C. G.	F-86L	F-86L	AF
C-130D	C-130D	AF	F-89D	F-89D	AF
C-130E	C-130E	AF	F-89H	F-89H	AF
HC-130E	SC-130E	AF	F-89J	F-89J	AF
C-130F	GV-1U	NAVY	F-100A	F-100A	AF
KC-130F	GV-1	NAVY	F-100C	F-100C	AF
C-131A	C-131A	NAVY	DF-100C	DF-100C	AF
VC-131A	VC-131A	NAVY	F-100D	F-100D	AF
C-131B	C-131B	AF	F-100F	F-100F	AF
C-131D	C-131D	AF	DF-100F	DF-100F	AF
C-131E	C-131E	AF	F-101A	F-101A	AF
C-131F	R4Y-1	NAVY	YRF-101A	YRF-101A	AF
C-131G	R4Y-2	NAVY	RF-101A	RF-101A	AF
C-133A	C-133A	AF	F-101B	F-101B	AF
C-133B	C-133B	AF	TF-101B	TF-101B	AF
C-135A	C-135A	AF	F-101C	F-101C	AF
KC-135A	KC-135A	AF	RF-101C	RF-101C	AF
RC-135A	RC-135A	AF	F-101F	F-101F	AF
C-135B	C-135B	AF	F-102A	F-102A	AF
VC-137A	VC-137A	AF	TF-102A	TF-102A	AF
VC-137C	VC-137C	AF	YF-102C	YF-102C	AF
C-140A	C-140A	AF	F-104A	F-104A	AF
C-140B	C-140B	AF	CF-104A	CF-104A	AF
VC-140B	VC-140B	NAVY	F-104B	F-104B	AF
C-140C	UV-1	AF	F-104C	F-104C	AF
C-141A	C-141A	AF			
XC-142A	XC-142A	AF			

Because of the size of the design numbers for Cargo Aircraft, this series will start over at -1A. Following are new assignments made under new series of numbers:

CROSS REFERENCE LIST: New DOD Designations - To- Former Individual Service Designations

FIGHTER SERIES - Continued			HELICOPTER SERIES		
NEW DOD DESIGNATION	FORMER DESIGNATION	SERVICE	NEW DOD DESIGNATION	FORMER DESIGNATION	SERVICE
F-104D	F-104D	AF	DF-9E	F9F-5KD	NAVY
F-104G	F-104G	AF	F-9F	F9F-6	NAVY
RF-104G	RF-104G	AF	DF-9F	F9F-6D	NAVY
TF-104G	TF-104G	AF	QF-9F	F9F-6K	NAVY
F-104J	F-104J	AF	QF-9G	F9F-6K2	NAVY
TF-104J	TF-104J	AF	F-9H	F9F-7	NAVY
F-105B	F-105B	AF	F-9J	F9F-8	NAVY
F-105D	F-105D	AF	AF-9J	F9F-8B	NAVY
F-106A	F-106A	AF	RF-9J	F9F-8P	NAVY
F-106B	F-106B	AF	TF-9J	F9F-8T	NAVY
YF-106C	YF-106C	AF	F-10A	F3D-1	NAVY
F-111A	TFX	AF	F-10B	F3D-2	NAVY
F-11B	TFX	AF	EF-10B	F3D-2Q	NAVY
			MF-10B	F3D-2M	NAVY
			TF-10B	F3D-2T2	NAVY
			F-11A	F11F-1	NAVY
			F-11B	F11F-1F	NAVY
<p>Because of the size of the design numbers for Fighter Aircraft, this series will start over at -1. Following are new assignments made under new series of numbers:</p>					
F-IC	FJ-3	NAVY	HELICOPTER SERIES		
DF-1C	FJ-3D	NAVY	UH-1	HU-1	ARMY
MF-1C	FJ-3M	NAVY	UH-1A	HU-1A	ARMY
DF-1D	FJ-3D2	NAVY	YUH-1B	XH-40A	AF
F-1E	FJ-4	NAVY	UH-1B	HU-1B	ARMY
AF-1E	FJ-4B	NAVY	UH-1D	HU-1D	ARMY
F-2C	F2H-3	NAVY	UH-1E	HU-1E	NAVY
F-2D	F2H-4	NAVY	UH-2A	HU2K-1	NAVY
F-3B	F3H-2	NAVY	UH-2B	HU2K-1U	NAVY
MF-3B	F3H-2M	NAVY	SH-3A	HSS-2	NAVY
F-3C	F3H-2N	NAVY	VH-3A	HSS-2Z	NAVY
F-4A	F4H-1F	NAVY	OH-4A	HO-4	ARMY
F-4B	F4H-1	NAVY	OH-5A	HO-5	ARMY
RF-4C	F4H-1P	NAVY	OH-6A	HO-6	ARMY
RF-4C	F-110A	AF	OH-13E	H-13E	ARMY
F-5A	N-156	AF	OH-13G	H-13G	ARMY
F-5B	N-156	AF	OH-13H	H-13H	ARMY
F-6A	F4D-1	NAVY	UH-13H	H-13H	ARMY
F-8A	F8U-1	NAVY	UH-13J	H-13J	AF
DF-8A	F8U-1D	NAVY	OH-13K	H-13K	AF
QF-8A	F8U-1KD	NAVY	TH-13L	H-13K	ARMY
RF-8A	F8U-1P	NAVY	TH-13M	HTL-4	NAVY
TF-8A	F8U-1T	NAVY	TH-13N	HTL-6	NAVY
F-8B	F8U-1E	NAVY	UH-13P	HTL-7	NAVY
F-8C	F8U-2	NAVY	HH-13Q	HUL-1	NAVY
F-8D	F8U-2N	NAVY	UH-13R	HUL-1G	NAVY/C. G.
F-8E	F8U-2NE	NAVY		HUL-1M	NAVY



CROSS REFERENCE LIST: New DOD Designations - To- Former Individual Service Designations

NEW DOD DESIGNATION	TRAINER SERIES	FORMER DESIGNATION	SERVICE	NEW DOD DESIGNATION	UTILITY SERIES - Continued	FORMER DESIGNATION	SERVICE
T-1A	T2V-1		NAVY	U-8D	L-23D	ARMY	
T-2A	T2J-1		NAVY	RU-8D	RL-23D	ARMY	
T-2B	T2I-1		NAVY	U-8E	L-23E	ARMY	
T-28A	T-28A		AF/NAVY	U-8F	L-23F	ARMY	
T-28B	T-28B		AF/NAVY	U-9B	L-26B	ARMY	
DT-28B	T-2CBB		NAVY	U-9C	L-26C	ARMY	
T-28C	T-28C		NAVY	RU-9C	RL-26D	ARMY	
T-29A	T-29A		AF	U-10A	L-28A	AF	
VT-29A	VT-29A		AF	U-11A	UO-1	NAVY	
T-29B	T-29B		AF	HU-16A	SA-16A	AF	
VT-29B	VT-29B		AF	HU-16B	SA-16B	AF	
T-29C	T-29C		AF	HU-16C	UF-1	NAVY	
VT-29C	VT-29C		AF	HU-16C	UF-1L	NAVY	
ET-29C	AT-29C		AF	TU-16C	UF-1T	NAVY	
T-29D	T-29D		AF	HU-16D	UF-2	NAVY	
VT-29D	VT-29D		AF	HU-16E	UF-2G	NAVY/C. G.	
T-33A	T-33A		AF	VTOL & STOL SERIES			
DT-33A	DT-33A		AF	OV-1A	AO-1A	ARMY	
RT-33A	RT-33A		AF	OV-1B	AO-1B	ARMY	
WT-33A	WT-33A		AF	OV-1C	AO-1C	ARMY	
T-33B	TV-2		NAVY	CV-2A	AC-1	ARMY	
DT-33B	T-33B		NAVY	CV-2B	AC-1A	ARMY	
DT-33C	TV-2KD		NAVY	XV-3A	NONE	ARMY	
T-34A	T-34A		AF	XV-4A	VZ-10	ARMY	
T-34B	T-34B		AF	XV-5A	VZ-11	ARMY	
T-37A	T-37A		AF	XV-6A	VZ-12	ARMY	
T-37B	T-37B		AF	CV-7A	AC-2	ARMY	
YT-38A	YT-38A		AF	RESEARCH SERIES			
T-38A	T-38A		AF	X-13A	X-13	AF	
T-39A	T-39A		AF	X-15A	X-15	AF	
T-39B	T-39B		AF	X-20A	X-20	AF	
T-39C	T-39C		AF	X-21A	X-21	AF	
T-39D	T3J-1		NAVY	AIRSHIP SERIES			
UTILITY SERIES							
U-1A	U-1A		ARMY	EZ-1B	ZPG-2W	NAVY	
U-1B	UC-1		NAVY	SZ-1B	ZPG-2	NAVY	
WU-2A	U-2		AF	EZ-1C	ZPG-3W	NAVY	
U-3A	U-3A		AF				
U-3B	U-3B		AF				
U-4A	U-4A		AF				
U-4B	U-4B		AF				
U-6A	L-20A		AF/A/N				
U-7A	L-21A		AF				