

MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
0 H 6 A 1 Mod Mission 0 Basic Mission H Vehicle Type 9 Design No A Design Series	Hughes	Cayuse	1 T63-A-5A	Army	Light observation helicopter with dual flight controls, with secondary control element easily removable, four-place cargo area contains troop type seats which are easily stowable. Formerly designated HO-6.
- - 0 H 13 E OH-13E	Bell Helicopter	Sioux	1 O-335-5B Franklin	Army	A single two-bladed rotor, anti-torque tail rotor helicopter. Incorporates a new main transmission, new tail and a rotor gear box over previous versions. Designed for liaison, observation, and evacuation missions. Formerly designated H-13E. 1-crew, 2 passengers.
- - 0 H 13 G OH-13G	Bell Helicopter	Sioux	1 O-335-5	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. Formerly designated H-13G. 1-crew, 3 passengers.
- - 0 H 13 H OH-13H	Bell Helicopter	Sioux	1 O-435-23 Lycoming	Army	Similar to OH-13G except for engine change. Formerly designated H-13H. 1-crew, 2 passengers.
- - 0 H 13 K OH-13K	Bell Helicopter	Sioux	1 6VS-0-335 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. Formerly designated H-13K. 1-crew, 2 passengers.
- - H H 13 Q HH-13Q	Bell Helicopter	Sioux	1 O-435-6/-6A Lycoming	CG	A UH-13P modified for search/rescue. Formerly designated HUL-1Q. 1-crew
- - 0 H 13 S OH-13S	Bell Helicopter	Sioux	1 O-435-25 Lycoming	Army	An OH-13H with engine modified to accept a turbo supercharger, tail boom extended 14 inches, rotor blades 1 ft longer, tail rotor drive extended, gross weight increased to 2850 lbs.
- - T H 13 T TH-13T	Bell Helicopter	Sioux	1 TWO-435-B1A Lycoming	Army	Primarily instrument trainer similar to OH-13S except that cabin is 8 in. wider, with tinted plastic bubble weight of rotor blade tips increased for additional inertia, hydraulic boost on collective control system. Has single rotor system and dual controls. 1-crew, 1 student.

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-	-	H	H 19	B		HH-19B	Sikorsky	Chickasaw	1	R-1300-3/ -3A/-3B/ -3C/-3D/ Wright	AF	Similar to UH-19B except equipped for search/rescue missions. Formerly designated SH-19B. 2-crew, 10 passengers.
-	-	U	H 19	B		UH-19B	Sikorsky	Chickasaw	1	R-1300-3/ -3A/-3B/ -3C/-3D/ Wright	AF	Similar to UH-19A except for engine and aft sealing fuel tanks. Formerly designated H-19B.
-	-	U	H 19	C		UH-19C	Sikorsky	Chickasaw	1	R-1340-57 P & W	Army	Similar to UH-19A except for installation of Army type communication equipment. Formerly designated H-19C. 2-crew, 10 passengers.
-	-	U	H 19	D		UH-19D	Sikorsky	Chickasaw	1	R-1300-3C & D	Army	Same as UH-19B except for installation of Army type communication equipment. Formerly designated H-19D. 2-crew, 10 passengers.
-	-	C	H 21	B		CH-21B	Vertol	Workhorse (AF) Shawnee (Army)	1	R-1820-103A Wright	AF/Army	All-metal, semimonocoque construction; crew compartment in nose, side-by-side seating, three-bladed, all-metal rotors arranged in tandem and turning in opposite directions; tricycle landing gear. Similar to previous CH-21A except for major equipment changes and additions. For assault and Army support use. 2-crew, 20 passengers.
-	-	C	H 21	C		CH-21C	Vertol	Shawnee	1	R-1820-103A Wright	Army	Similar to CH-21B except for major differences in communication equipment, other cargo, and loading features. External cargo sling added. Formerly designated H-21C. 2-crew, 20 passengers.
-	-	O	H 23	B		OH-23B	Hiller	Raven	1	O-335-6B Franklin	Army	All-metal, semimonocoque 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. Formerly designated H-23B. 1-crew, 2 passengers.
-	-	O	H 23	C		OH-23C	Hiller	Raven	1	O-335-6B Franklin	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. Formerly designated H-23C. 1-crew, 2 passengers.
-	-	O	H 23	D		OH-23D	Hiller	Raven	1	O-435-23B Lycoming	Army	Similar to OH-23C except engine change, redesigned transmission system, engine mount and tail rotor drive. Formerly designated H-23D. 1-crew, 2 passengers.

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-	-	0	H	23	F	OH-23F	Hiller	Raven	1	O-540-9 Lycoming	Army	Similar to OH-23D except increased gross weight of 2940 lbs. Hiller Model 12E4. Formerly designated H-23F. 1 crew, 3 passengers.
-	-	0	H	23	G	OH-23G	Hiller	Raven	1	O-540-9 Lycoming	Army	Same as OH-23D except for engine and increased gross weight to 2800 lbs.
-	-	0	H	34	A	CH-34A	Sikorsky	Choctaw	1	R-1820-84C 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. Equipped to carry external sling loads. Formerly designated H-34A. 2-crew, 18 passengers or 8 litter patients.
-	-	0	H	34	C	CH-34C	Sikorsky	Choctaw	1	R-1820-84C Wright	AF/Army	Similar to CH-34A except has automatic stabilization equipment installed. Used as a light transport. Formerly designated H-34C. 2-crew, 18 passengers.
-	V	-	H	34	C	VH-34C	Sikorsky	Choctaw	1	R-1820-84 Wright	Army	Same as CH-34C. Some interiors modified for executive flight purposed. 2-crew.
-	L	-	H	34	D	LH-34D	Sikorsky	Seahorse	1	R-1820-84C Wright	Navy	UH-34E modified extensively for operation in Antarctica under extreme range and high gross weight conditions in remote and primitive polar areas. 2-crew.
-	-	U	H	34	D	UH-34D	Sikorsky	Seahorse	1	R-1820-84C Wright	Navy/AF	Similar to CH-34A. Utility version. 2-crew, 12 passengers.
-	V	-	H	34	D	VH-34D	Sikorsky	Seahorse	1	R-1820-84D Wright	Navy	Administrative version of UH-34D.
-	-	U	H	34	E	UH-34E	Sikorsky	Seahorse	1	R-1820-84C Wright	Navy	Similar to UH-34D plus external fuel tanks and donut flotation gear. 2-crew, 12 passengers.
-	-	U	H	34	G	UH-34G	Sikorsky	Seabat	1	R-1820-84A/ -84C Wright	Navy/AF	Similar to SH-34G except modified to perform miscellaneous utility missions. 4-crew.
-	-	S	H	34	J	SH-34J	Sikorsky	Seabat	1	R-1820-84D Wright	Navy	Similar to SH-34G except for engine and incorporated equipment necessary for night ASW operations. 4-crew.

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-	-	C	H	37	A	CH-37A	Sikorsky	Mojave	2	R-2800-54 P & W	Army	All-metal helicopter having single main rotor with five blades. Engines are mounted in nacelles at ends of high stab wings. Formerly designated H-37A. 3 crew, 23 passengers.
-	-	C	H	37	B	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. Formerly designated H-37B. 3-crew, 24 troops, 33 passengers.
N	-	-	H	41	A	NH-41A	Cessna	Seneca	1	FSO-526 Continental	Army	A four-place two-bladed metal main rotor and a two-bladed metal tail rotor. Has skid-type landing gear. Formerly designated YH-41.
-	-	H	H	43	B	HH-43B	Kaman	Huskie	1	T53-L-1B	AF	Similar to HH-43A except has turboprop engine in lieu of reciprocating engine. Formerly designated H-43B. 2-crew, 6 passengers.
-	-	H	H	43	F	HH-43F	Kaman	Huskie	1	T53-L-11A	AF	Has twin intermeshing two-bladed rotor assemblies mounted side-by-side; clamshell doors to permit loading and unloading of litter patients at rear of fuselage. Kaman Model K-600. Used by MAP countries for local crash rescue and utility missions. 2-crew, 6 passengers or 2 litters with 2 attendants.
-	-	C	H	46	A	CH-46A	Vertol	Sea Knight	2	T58-GE-8B/ -8F	Navy	Rotary wing used by the Marine Corps for troop and cargo movement; tandem three-bladed rotors. Similar to commercial version 107-II. 3-crew, 17 troops or 15 litter patients and 2 attendants or cargo.
-	-	U	H	46	A	UH-46A	Vertol	Sea Knight	2	T58-GE-8B/ -8F	Navy	Similar to CH-46A except modified for use in the Navy Vertical Replenishment Program.
-	-	C	H	46	C	CH-46C	Vertol	Sea Knight	2	T58-GE-8	Army	Cargo helicopter having two tandem rotors of 48 ft x 4 in. dia., range of 200 NM, gross weight of 18,700 lbs; cruises at 130K. Formerly designated HC-1A. 2-crew.
-	-	C	H	46	D	CH-46D	Vertol	Sea Knight	2	T58-GE-10	Navy	Similar to UH-46A except for engine.
-	-	U	H	46	D	UH-46D	Vertol	Sea Knight	2	T58-GE-10	Navy	Similar to UH-46A except for engine.

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-	-	C	H	46	E	CH-46E	Vertol	Sea Knight	2 T58-GE-16	Navy	Similar to CH-46D except for engine. Also includes these additional features: (a) automatic navigation system; (b) crash worthy fuel system; (c) improved personnel rescue hoist; and (d) energy attenuating armored seats for increased protection of the crew.
-	-	C	H	46	F	CH-46F	Vertol	Sea Knight	T58-GE-10	Navy	Similar to CH-46D except for instrument panel changes.
-	-	C	H	47	A	CH-47A	Vertol	Chinook	2 T55-L-5	Army	Tandem rotor; passenger/cargo; has all-weather flight capabilities, quadricycle gear, dual controls, and rear loading ramp. Formerly designated HC-13. 3-crew, 33 passengers.
-	-	C	H	47	B	CH-47B	Vertol	Chinook	2 T55-L-7C	Army	Similar to CH-47A, except for a modified rotor system which allows increased airspeeds.
-	-	C	H	47	C	CH-47C	Vertol	Chinook	2 T55-L-11	Army	Similar to CH-47B, except for greater installed power, endurance and payload.
-	-	Q	-	H	50	QH-50C	Gyrodyne	Dash	1 T50-B0-4/-8A	Navy	Remotely controlled (non-man carrying and non-target usage) airborne ASW torpedo carrier; gross weight of 2183 lbs and is capable of carrying 750-lb weapon within combat radius of 30 miles.
-	-	Q	-	H	50	QH-50D	Gyrodyne	Dash	1 T50-B0-10/-12	Navy	Similar to QH-50C except for engine, elimination of tail section, repositioning of present avionics components forward for balance, replacement of 35-gallon capacity fuel tank with 52-gallon, and modification and installation of integrated relay box and moulded harness.
X	-	-	H	51	A	XH-51A	Lockheed	Not Assigned	1 T-74 P & W (Canada)	Army/ Navy	Single lifting rotor research helicopter to be used for evaluating the rigid rotor system concept incorporating a gyroscopic control system for inherent stability. 2-crew.
-	-	H	H	52	A	HH-52A	Sikorsky	Not Assigned	1 T58-GE-8B	CG	Turbine-powered; amphibious search/rescue type; designed to operate equally well at high altitudes or at sea level in arctic or tropical regions. 3-crew.
-	-	C	H	53	A	CH-53A	Sikorsky	Seastallion	2 T64-GE-6B	Navy	Assault 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; six-bladed main rotor. 3-crew.

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-	-	R	H 53	A		RH-53A	Sikorsky	Seastallion	2 T64-GE-413	Navy	CH-53A that has been re-engined and had mine counter measures equipment installed for the AMCM mission.
-	-	H	H 53	B		HH-53B	Sikorsky	Super Jolly	2 T64-GE-3	AF	Similar to CH-53A except reconfigured to accomplish ARCS combat crew recovery missions; also armed with three 7.62 mm miniguns. 6-crew.
-	-	H	H 53	C		HH-53C	Sikorsky	Super Jolly	2 T64-GE-7	AF	Similar to HH-53B except has improved engines and internal sponson cantilever support; also armed with three 7.62 mm miniguns.
-	-	C	H 53	D		CH-53D	Sikorsky	Seastallion	2 T64-GE-413	Navy	Similar to CH-53A except for engines.
-	-	R	H 53	D		RH-53D	Sikorsky	Seastallion	2 T64-GE-413A	Navy	Similar to the CH-53D with external fuel tanks and AMCM equipment installed.
-	-	C	H 53	E		CH-53E	Sikorsky	Seastallion	3 T64-GE-415	Navy	Marine amphibious assault helicopter designed for 16 ton external payload for 50 NM radius. Navy mission is ship to shore logistics. An improved CH-53D with increased main and tail rotor diameters, improved rotor head and increased dynamic system rating.
-	-	V	H 53	F		VH-53F	Sikorsky	Seastallion	2 T64-GE-414	Navy	Executive transport version of the CH-53D.
-	-	C	H 53	G		CH-53G	Sikorsky	Seastallion	2 T64-GE-7	Navy	Similar to CH-53D except modified for use by West German Federal Ministry of Defense.
-	-	C	H 54	A		CH-54A	Sikorsky	Tarhe	2 JFTD-12A-4A P & W	Army	Sikorsky Model S-64A with heavy 20,000-lb cargo lifting capacity, one main lifting rotor, and one anti-torque tail rotor; has tricycle gear, dual control plus limited-authority controls for the aft-facing pilot during winch operations; has single point hoisting system plus four-point load-leveling capability. Formerly designated YCH-54A.
-	-	C	H 54	B		CH-54B	Sikorsky	Tarhe	2 JFTD-12A-5 P & W	Army	Improved version of CH-54A. Has 25,000-lb lift capacity.
-	-	T	H 55	A		TH-55A	Hughes	Osage	1 H10-360-BLA Lycoming	Army	In primary use for training under conditions to which visual flight rules (VFR) apply; has a single (articulated) rotary system, and dual flight controls. 1-crew, 1 student.

Statue 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	H	56	A	AH-56A	Lockheed	Cheyenne	1	T64-GE-16	Army	Attack compound helicopter, incorporating rigid rotor for stability and high control power, anti-torque rotor and pusher propeller; pilot, copilot/gunner, plus 3500-lb weapons and ammunition.
-	-	T	H	57	A	TH-57A	Bell	Searanger	1	250-C18	Navy	Trainer version of Bell Helicopter Co. model 206A; has single two-bladed main rotor, turboshaft engine, skid-type gear, dual flight controls; seats for 5 personnel including crew; instruments and communications and flight control system differ from Model 206A.
-	-	O	H	58	A	OH-58A	Bell	Kiowa	1	T63-A-5A	Army	Single rotor, light observation, helicopter, has provisions for installing the XM-2/EL armament system and a passive defense system consisting of both fixed and removable components; unusual transmission; tail boom length is 10 in. longer; rotor is 2 feet longer; unusual electronics; inertial particle separator; better than usual performance; increased gross weight of approx. 3000 lbs. 2-crew plus 2 passengers or 400 lbs cargo.
X	-	-	H	59	A	XH-59A	Sikorsky	Not Assigned	2	Twin Pack P & W T-400	Army	Advancing Blade Concept (ABC) demonstrator - coaxial rigid rotor research helicopter with counterrotating rotor which will eliminate need for tail rotor. Proposed speed range of 0-280 knots. 2-crew.
Y	-	U	H	60	A	YUH-60A	Sikorsky	Not Assigned	2	GE T-700	Army	A rotary wing, single rotor utility tactical transport 15 place capacity.
Y	-	U	H	61	A	YUH-61A	Vertol	Not Assigned	2	GE T-700	Army	A rotary wing, single rotor utility tactical transport 15 place capacity.
X	-	C	H	62	-	XCH-62	Boeing/Vertol	Not Assigned	3	T-701-AD-700	Army	Heavy Lift Helicopter, rotary wing, tandem rotors, gross weight: 148,000 lbs, capacity: 22 1/2 tons (sling load).
Y	-	A	H	63	-	YAH-63	Bell Helicopter	Not Assigned	2	GE T-700	Army	Advanced Attack Helicopter, rotary wing, single rotor, gross weight 15,300 lbs.
Y	-	A	H	64	-	YAH-64	Hughes Helicopter	Not Assigned	2	GE T-700	Army	Advanced Attack Helicopter, rotary wing, single rotor, gross weight 13,200 lbs.

OBSERVATION SERIES											
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O-1A	Cessna	Bird Dog	1	0-470-11A Continental	Army	Two-place tandem, closed cabin, high wing aircraft of conventional strut-braced, two-spar design; all-metal semimonocoque fuselage with a fixed-pitch McCauley propeller; 24-volt electrical system. Formerly designated L-19A. 2 crew.				1	A
TO-1A	Cessna	Bird Dog	1	0-470-11A Continental	Army	Similar to O-1A modified with new engine mounts; equipped with dual flight and engine instruments, dual communication, and navigation equipment for use as primary and advanced flight trainer.	T	O	-	1	A
O-1B	Cessna	Bird Dog	1	0-470-11 Continental	Army	Same as O-1A with minor changes. 2 crew.					B
O-1C	Cessna	Bird Dog	1	10-520-D Continental	Army	O-1B modified with new engine, constant speed propeller, electric flap control system, self-sealing fuel cells, new tail surfaces, and free blown windshields. 2 crew.					C
O-1D	Cessna	Bird Dog	1	0-470-15 Continental	Army	Modified TO-1D aircraft, with training features eliminated, drop load system installed; Army avionics configuration installed. 2 crew.					D
TO-1D	Cessna	Bird Dog	1	0-470-15 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 instrument flight trainer. Equipped with a McCauley Model 2A36C constant speed propeller. Formerly designated TL-19D. 2 crew.	T	O	-	1	D

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-	-	-	-	1	E	O-1E	Cessna	Bird Dog	1 0-470-11/-11A/-11B Continental	Army/ AF	Similar to O-1A (formerly L-19A) with changes incorporated causing 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. Formerly designated L-19E. 2 crew.
-	T	0	-	1	E	TO-1E	Cessna	Bird Dog	1 0-470-11 Continental	Army	Similar to O-1E modified with new engine mounts and equipped with dual flight and engine instruments, dual communication and navigation equipment for use as a primary and advanced flight trainer. 2 crew.
-	-	0	-	1	F	O-1F	Cessna	Bird Dog	1 0-470-15 Continental	Army/ AF	A TO-1D aircraft modified. Differences are: one instrument panel removed, eliminating training capabilities. A four-shackle drop load system installed. Nonstandard (Army) electronic configuration installed. 2 crew.
-	-	0	-	1	G	O-1G	Cessna	Bird Dog	1 0-470-11A/-11B Continental	Army/ AF	Similar to O-1A except wing beefed up, fuselage reinforced, engine mounts strengthened, new landing gear, modified instrument panel and additional avionics installed, gross weight increased from 2100 to 2400 lbs.
-	-	0	-	2	A	O-2A	Cessna	Not assigned	2 IO-360-C/-D Continental	AF	A two-place side by side seating high wing monoplane with twin tail booms, has aft pusher and forward puller engines and retractable landing gear. Used as a forward air controller to direct strike aircraft to enemy ground targets Cessna Model 337.
-	-	0	-	2	B	O-2B	Cessna	Not assigned	2 IO-360-C/-D Continental	AF	Similar to O-2A. Has a larger cargo door, a speaker/amplifier system and a leaflet dispenser.
Z	-	0	-	4	A	ZO-4A	To be determined	Not assigned	To be determined	AF	Design characteristics have not been finalized.

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-	-	P	-	2	E	P-2E	Lockheed	Neptune	2 ea.	R-3350-36WA Wright and J34-WE-34A (jet pods)	Navy	Similar to P-2D except for additional armament loads and ASW capability. Hamilton Standard propellers. 9 crew.
-	-	D	P	-	2	DP-2E	Lockheed	Neptune	2 ea.	R-3350-36W/-32W Wright and J34-WE-34/-34A (jet pods)	Navy	Similar to P-2E except converted to launch and control aerial targets. 9 crew.
-	-	S	P	-	2	SP-2E	Lockheed	Neptune	2 ea.	R-3350-36WA/-32WA Wright and J34-WE-34/-34A (jet pods)	Navy	A P-2E modified to JULIE/JEZEBEL configuration. 9 crew.
-	-	A	P	-	2	AP-2H	Lockheed	Neptune	2 ea.	R-3350-32W Wright and J34-WE-36A (jet pods)	Navy	Similar to SP-2H aircraft except modified to perform low-level ground and coastal reconnaissance and interdiction missions, and capable of detecting, locating, and destroying enemy vehicles and small boats during darkness.
-	-	E	P	-	2	EP-2H	Lockheed	Neptune	2 ea.	R-3350-32WA Wright and J34-WE-36A (jet pods)	Navy	An SP-2H aircraft modified with UHF telemetry equipment installed and ASW peculiar equipment removed. Utilized to perform a data relay mission.
-	-	S	P	-	2	SP-2H	Lockheed	Neptune	2 ea.	R-3350-32WA Wright and J34-WE-36/-36A (jet pods)	Navy	A P-2H modified to JULIE/JEZEBEL configuration. 10 crew.

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-	-	P	-	3	A	P-3A	Lockheed	Orion	4	T56-A-10W or T56-A-10WA	Navy	An antisubmarine patrol aircraft developed from the commercial Lockheed "Electra" design. 10 crew.
-	W	P	-	3	A	WP-3A	Lockheed	Orion	4	T56-A-10W or -10WA	Navy	Similar to P-3A except modified to perform weather reconnaissance missions.
-	-	P	-	3	B	P-3B	Lockheed	Orion	4	T56-A-14	Navy	Similar to P-3A aircraft except for engines.
-	E	P	-	3	B	EP-3B	Lockheed	Orion	4	T56-A-14	Navy	Similar to P-3B except modified to an electronic reconnaissance configuration.
Y	-	P	-	3	C	YP-3C	Lockheed	Orion	4	T56-A-14	Navy	Similar to P-3B except includes the A-NEW integrated avionics installation, and such associated improvements as the automated search stores dispensing system and improved flight instrumentation.
-	-	P	-	3	C	P-3C	Lockheed	Orion	4	T56-A-14	Navy	Production version of YP-3C.
-	R	P	-	3	D	RP-3D	Lockheed	Orion	4	T56-A-14	Navy	A P-3D aircraft configured for Project Magnet mission.
-	E	P	-	3	E	EP-3E	Lockheed	Orion	4	T56-A-14	Navy	P-3A aircraft modified to perform electronic reconnaissance missions.

ANTISUB SERIES

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-	T	S	-	2	A	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. 4-crew.
-	U	S	-	2	A	US-2A	Grumman	Tracker	2	R-1820-82 Wright	Navy	Target tow configured, model S-2A aircraft and S-2B aircraft with "JULIE" equipment removed.
-	U	S	-	2	B	US-2B	Grumman	Tracker	2	R-1820-82 Wright	Navy	Similar to S-2A and S-2F aircraft except modified to utility configuration. Five passenger seats added.
-	R	S	-	2	C	RS-2C	Grumman	Tracker	2	R-1820-82 Wright	Navy	Photographic version of S-2C. 4-crew.
-	U	S	-	2	C	US-2C	Grumman	Tracker	2	R-1820-82 Wright	Navy	S-2C aircraft modified for target towing operations. 4-crew.
-	-	S	-	2	D	S-2D	Grumman	Tracker	2	R-1820-82A 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. 4-crew.
-	U	S	-	2	D	US-2D	Grumman	Tracker	2	R-1820-82A Wright	Navy	S-2D with ASW equipment removed for utility mission.
-	-	S	-	2	E	S-2E	Grumman	Tracker	2	R-1820-82A Wright	Navy	An S-2D equipped with Antisubmarine Warfare Tactical Navigation System (AN/ASN-30). 4-crew.
-	-	S	-	2	F	S-2F	Grumman	Tracker	2	R-1820-82A Wright	Navy	S-2B aircraft with final JULIE/JEZEABEL configuration. 4-crew.
Y	-	S	-	2	G	YS-2G	Grumman	Tracker	2	R-1820-82 Wright	Navy	Modified S-2E aircraft to be utilized for ASW avionics system development.
-	-	S	-	3	A	S-3A	Lockheed	Viking	2	TF34-GE-2	Navy	An advanced, four place, turbofan engine powered carrier based ASW aircraft. Primary missions are: contact investigation, persistent search and attack, submarine transit identification zone establishment an monitoring, protection of high priority operations at sea, and surface surveillance and attack.

MODEL DESIGNATION		POPULAR NAME		ENGINE DATA		TRAINER SERIES		FEATURES		
Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	
-	-	-	T - 1	A	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-333 except for new engine, provisions for carrier use, new tail, raised cockpit, improved fuel system, and air impingement starting. 2 crew.
-	-	-	T - 2	A	T-2A	N. American Rockwell	Buckeye	1 J34-ME-48	Navy	A two-place, low-wing basic carrier jet trainer. 2 crew.
-	-	-	T - 2	B	T-2B	N. American Rockwell	Buckeye	2 J60-P-6	Navy	Similar to T-2A except with dual engine installation, reinforced wing structure, and modernized avionics equipment. 2 crew.
-	-	-	T - 2	C	T-2C	N. American Rockwell	Buckeye	2 J85-GE-4/-4A	Navy	Similar to T-2B except modified to incorporate two General Electric J85-GE-4 engines.
-	-	-	T - 28	A	T-28A	N. American Rockwell	Trojan	1 R-1300-1A/-1B Wright	AF	A two-place low-wing, all-metal monoplane. Has retractable tricycle landing gear with steerable nose wheel. For primary pilot training. 2 crew.
-	-	-	T - 28	B	T-28B	N. American Rockwell	Trojan	1 R-1820-86A Wright	Navy/AF	Similar to T-28 aircraft. Has different engines. Used as basic trainer. 2 crew.
-	-	D	T - 28	B	DT-28B	N. American Rockwell	Trojan	1 R-1820-86A Wright	Navy	A T-28B equipped for target aircraft control operation. 2 crew.
-	-	-	T - 28	C	T-28C	N. American Rockwell	Trojan	1 R-1820-86A Wright	Navy	A modified T-28B incorporating redesigned rudder, reduced propeller diameter suitable for carrier operation and slight differences in cockpit arrangement. 2 crew.
-	-	-	T - 28	D	T-28D	N. American Rockwell	Trojan	1 R-1820-86/-86A Wright	AF	T-28A aircraft modified for "NOMAD" configuration. Has different engine, three-bladed propeller, self-sealing fuel cells, additional armament stations, armor plate, and dual communication equipment. 2 crew.
-	A	T	T - 28	D	AT-28D	N. American Rockwell	Trojan	1 R-1820-86/-86A Wright	AF	T-28A or T-28B aircraft modified to a combat configuration. Six stores stations capable of carrying mixed ordnance including two 50 cal machine gun pods. Three-bladed propeller, onboard self-sealing fuel cells, armor plate and a communications and navigation package for world-wide compatibility. Two-man crew.

Model Designation	MFR	Popular Name	Engine Data No.	Engine Data Type	Service	Features
- V T - 29 A	General Dynamics	Flying Classroom	2	R-2800-97 P & W	AF	A low-wing monoplane, transport. Has dual wheels and steerable nose wheel. Nonpressurized. Equipped as navigator-bombardier trainer. 4-crew, 10 students.
- V T - 29 A	General Dynamics	Flying Classroom	2	R-2800-97 P & W	AF	Same as T-29A except modified to executive transport. 2 crew, 14 passengers.
- T - 29 B	General Dynamics	Flying Classroom	2	R-2800-97 P & W	AF/Navy	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. 4 crew, 10 students.
- V T - 29 B	General Dynamics	Flying Classroom	2	R-2800-97 P & W	AF	Same as T-29B except modified to executive transport. 2 crew, 23 passengers.
- T - 29 C	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	Similar to the T-29B except for different engines and modified escape hatches. Has astrocompasses, driftmeters, and periscopic sextant installed for use by navigation students. Used as navigator-bombardier trainers. 3 crew, 10 navigation students.
- C T - 29 C	General Dynamics	Flying Classroom	2	R-2800-97 P & W	AF	Modified VT-29C.
- E T - 29 C	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	A T-29C aircraft modified to incorporate the facilities flight checking and recording system. 3 crew, 10 passengers. Formerly designated AT-29C.
- V T - 29 C	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	Same as T-29C except modified to executive transport. 2 crew, 23 passengers.
- T - 29 D	General Dynamics	Flying Classroom	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. 4-crew.
- C T - 29 D	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	Modified VT-29D.
- E T - 29 D	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	Similar to T-29D aircraft except modified to electronic warfare officer (EWO) trainer configuration. 6-crew, 4-students.

Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	V	T	- 29	D	VT-29D	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	Same as T-29D except modified to executive transport. 2 crew, 23 passengers.
-	V	T	- 29	E	VT-29E	General Dynamics	Flying Classroom	2	R-2800-99W P & W	AF	A T-29B, Serial Nr 51-5171, modified to executive transport. 2 crew, 23 passengers.
-	-	T	- 33	A	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. Incorporate laminar-flow wing sections, dive flaps, pressurized and heated cockpit. Has hydraulically operated tricycle landing gear. 2 crew.
-	A	T	- 33	A	AT-33A	Lockheed	Shooting Star	1	J33-A-35	AF	Similar to T-33A except armed for interdiction and close air support.
-	D	T	- 33	A	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. Pilot remote control of drones from front seat while the director pilot flies the DT-33A from back set. Has radio guidance system and telemetering system. 2 crew.
-	Q	T	- 33	A	QT-33A	Lockheed	Shooting Star	1	J33-A-35	Navy	Similar to USAF T-33A except has primary mission of operational employment as an RDT & E aircraft.
-	-	T	- 33	B	T-33B	Lockheed	Shooting Star	1	J33-A-20	Navy/AF	Similar to T-33A except for engine and other minor changes. 2 crew.
-	-	T	- 34	A	T-34A	Beech	Mentor	1	0-470-13/-13A Continental	AF	An all-metal, low-wing, semimonocoque construction, two-place tandem monoplane. Has sectionalized cockpit canopy, 12-volt electrical system. Used as Primary Basic Trainer by Training Command. 2-crew.
-	-	T	- 34	B	T-34B	Beech	Mentor	1	0-470-4 Continental	Navy	Modified T-34A primary trainer. 2-crew.
-	-	T	- 37	B	T-37B	Cessna	Not Assigned	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. 2 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
-	-	T	-	37	C	T-37C	Cessna	Not Assigned	2	J69-7-25	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. 2 crew.
-	-	T	-	38	A	T-38A	Northrop	Talon	2	J85-GE-5/ -5A/-5C/ -5J	AF/Navy	An all metal, low wing monoplane advanced supersonic jet pilot trainer. 2 crew. Navy version is essentially same configuration but used in specialized service at Naval Test Pilot School, Patuxent Md.
-	-	T	-	39	A	'44, T-39A	N. American Rockwell	Sabreliner	2	J60-P-3/ -3A	AF	A sweptback, low-wing, jet-powered trainer. 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. 2 crew, 4 passengers.
-	-	T	-	39	B	T-39B	N. American Rockwell	Sabreliner	2	J60-P-3/ -3A	AF	Similar to T-39A with equipment changes. Primary mission is training rated pilots in radar navigation and radarscope interpretation. Has doppler radar equipment added. 2 crew, 3 passengers.
-	-	T	-	39	D	T-39D	N. American Rockwell	Sabreliner	2	J60-P-3A	Navy	Similar to T-39 series except equipped with AN/APQ-94 radar set for subsonic radar training for fleet aircraft pilots and crew. 5 crew.
-	C	T	-	39	E	CTI-39E	N. American Rockwell	Sabreliner	2	JTI2A-8	Navy	A N. American Rockwell commercial version "Sabreliner" to be used for rapid response airlift of high priority passengers, ferry pilots and cargo.
-	-	T	-	39	F	T-39F	N. American Rockwell	Sabreliner	2	J60-P-3/ -3A	AF	Similar to T-39A except configured as WILD WEASEL trainer.
-	-	T	-	41	A	T-41A	Cessna	Mescalero	1	O-300-D Continental	AF	An all-metal, high-wing, strut-braced monoplane. Fixed tricycle landing gear. Fixed pitch, metal propeller. Has dual controls, dual brakes, a rear window to improve visibility, and patented spring-steel main landing gear. Cessna Model 172F. 2 crew plus baggage.
-	-	T	-	41	B	T-41B	Cessna	Mescalero	1	IO-360-D Continental	Army	Primary and advanced fixed wing trainer; similar to T-41A except for engine (210 HP) and avionics. Cessna Model 172E. 2 crew, 2 passengers.

MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
T-41C	Cessna	Mescalero	1	IO-360-D Continental	AF	Similar to T-41A except for engine (210 HP), revised fuel system, and engine instruments, 60-amp alternator, and weight and balance changes.
T-41D	Cessna	Mescalero	1	IO-360-D Continental	AF	Similar to Army T-41B except for avionics and numerous other subtle differences. MAP aircraft.
T-42A	Beech	Cochise	2	IO-470-L Continental	Army	An all-metal, four-place, fixed-wing, instrument flight trainer, having dual instrumentation, side-by-side seating for student pilot and instructor, plus seats for two additional students. Commercial model B-55B.
T-43A	Boeing	Not Assigned	2	JT8D-9 P & W	AF	A military version of the Boeing 737-200 aircraft, modified to a navigator trainer by inclusion of twelve (12) student stations, four (4) instructor stations, and three (3) proficiency stations installed in the main fuselage for training undergraduate navigators in the use and operation of navigational equipments used in the Air Force Inventory.

Status Prefix
 Mod Mission
 Basic Mission
 Vehicle Type
 Design No
 Design Series

Status Prefix	Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	Type	UTILITY SERIES		FEATURES
											SERVICE	SERVICE	
-	U	-	U-1A	A	1	DeHavilland	Otter	1	R-1340-61	P & W	AF/ Army	A short-range, high-wing, light-utility aircraft. Has provisions for operating on wheels, wheel-skis, or floats. Has throw-over control column, dual rudder controls, tail-wheel powered steering, double slotted wing flaps, Manufacturers Model DHC-3, 2-crew, 8-passengers.	
-	TU	-	TU-1A	1	A	DeHavilland	Otter	1	R-1340-59/-61	P & W	Army	Similar to U-1A Aircraft except modified to a trainer version.	
-	U	-	U-1B	1	B	DeHavilland	Otter	1	R-1340-61/-DHC-3	P & W	Navy	Commercial version DHC-3 for "DEEP FREEZE" in Antarctic. 2-crew, 8-passengers.	
-	WU	-	WU-2A	2	A	Lockheed	Not Assigned	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. 1-crew.	
-	U	-	U-3A	3	A	Cessna	Not Assigned	2	O-470-M	Continental	AF	Five-place, low-wing monoplane. For administrative and light cargo purposes. Cessna Model 310. Formerly designated L-27A. 2-crew, 3-passengers.	
-	U	-	U-3B	3	B	Cessna	Not Assigned	2	IO-470-D	Continental	AF	Same as U-3A except for engine. For administrative and light cargo purposes. 2-crew, 3-passengers.	
-	U	-	U-4A	4	A	Aero Design	Aero Commander	2	GO-480-D1A/ G1B6	Lycoming	AF	High-wing cantilever monoplane for administrative use. Aero Design & Engineering Co. Model 560A. 2-crew.	
-	U	-	U-4B	4	B	Aero Design	Aero Commander	2	GSO-480- A1A6/B1A6	Lycoming	AF	Similar to U-4A except for engines. 2-crew, 4-passengers.	
-	U	-	U-6A	6	A	DeHavilland	Beaver	1	R-985-AN- I/-3 or R-985-39A	P & W	AF/ A/N	A high-wing, all-metal monoplane. Has fixed landing gear, throw-over controls, dual rudder controls. For general utility missions. Formerly designated L-20A. 1-crew, 5-passengers.	
-	TU	-	TU-6A	6	A	DeHavilland	Beaver	1	R-985-AN-14B or R-985-39A	P & W	Army	Similar to U-6A aircraft except modified to a trainer version.	
-	U	-	U-7A	7	A	Piper	Not Assigned	1	O-290-D	Lycoming	AF	A high-wing, tandem, two-place aircraft for general utility use. Formerly designated L-21A. 2-crew.	

Mod Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
-	U - 8	D		U-8D	Beech	Seminole	2 O-480-1 Lycoming	Army	A low-wing cantilever aircraft. Has three bladed constant speed Hartzell propellers, steerable nose wheel, equipped with deicing equipment and oxygen system. For command transport and utility missions. Formerly designated L-23D. 1-crew, 5-passengers.
-	R U - 8	D		RU-8D	Beech	Seminole	2 O-480-1 Lycoming	Army	Same as U-8D. Modified and equipped radar reconnaissance system. Formerly designated RL-23D. 2-crew.
N	U - 8	E		NU-8E	Beech	Seminole	2 O-480-3 Lycoming	Army	Fixed-wing aircraft specially equipped as an instrumentation flying laboratory with advanced cockpit electronic and electromechanical displays, and a variety of sensors to feed and actuate displays through an airborne computer central. Beech Model J50. Pilot, copilot, and 1-passenger.
-	U - 8	F		U-8F	Beech	Seminole	2 O-480-3 Lycoming	Army	Similar to U-8D except for engine. Has larger fuselage, separate crew and passenger compartments. Fuel injection added to engine and other refinements to improve performance. Formerly designated L-23F. 1-crew, 5-passengers.
-	U - 8	G		U-8G	Beech	Seminole	2 GO-480-CSC6 Lycoming	Army	Modified version of RU-8D and U-8F aircraft: passenger compartment enlarged, passenger seats separated from crew compartment by partition, dual instrument panel and pilot controls, air stair door installed. Pilot, copilot, and 4-passengers.
-	U - 9	B		U-9B	Aero Design	Aero Commander	2 GO-480-C1BL Lycoming	Army	High-wing cantilever monoplane. For administrative missions. Formerly designated L-26B. 1-crew, 5-passengers.
-	U - 9	C		U-9C	Aero Design	Aero Commander	2 GSO-480-AIA -6 Lycoming	Army	Similar to U-9B except for engines. Formerly designated L-26C. 1-crew, 5-passengers.
-	R U - 9	D		RU-9D	Aero Design	Aero Commander	2 GSO-480-AIA -6 Lycoming	Army	Similar to U-9C. Modified for reconnaissance missions. Formerly designated RL-26D. 5-crew.
-	U - 10	A		U-10A	Helio	Not Assigned	1 GO-480-G1D6 Lycoming	AF/ Army	A light, STOL aircraft for general utility missions. Formerly designated L-28A. 2-crew, 2-passengers.

Model Designation	MFR	Popular Name	Engine Data No. Type	Service	Features
U-10B	Helio	Not Assigned	1 GO-480-G1D6 Lycoming	AF	Similar to U-10A. Modified by addition of extra fuel tanks, redesign of wing, and a paraprop door on the left side. For cargo, paraprop, and observation/utility missions. 2-crew, 2-passengers.
U-10D	Helio	Not Assigned	1 GO-480-G1D6 Lycoming	AF	Similar to U-10B except for modified fuel system, wing and fuselage structural changes. Has provisions for aerial camera and in-flight public address system. Helio Model H-295.
U-11A	Piper	Aztec	2 O-540-A3D5 Lycoming	Navy	For light logistic support at naval bases in Continental U. S. 1-crew, 4-passengers.
HU-16B	Grumman	Albatross	2 R-1820-76B/ -76D Wright	AF	Similar to HU-16A. Modified by installation of ASW equipment. Formerly designated SA-16B. 5-crew, 10-passengers.
HU-16C	Grumman	Albatross	2 R-1820-76A/ -76B Wright	Navy	Similar to HU-16A. 6-crew, 12-litter patients.
HU-16D	Grumman	Albatross	2 R-1820-76A/ -76B/-76C/ -76D Wright	Navy	Improved version of HU-16C. 6-crew, 12-litter patients.
HU-16E	Grumman	Albatross	2 R-1820-76A/ -76B/-76C/ -76D Wright	CG	Similar to HU-16D. Modified for use by U. S. Coast Guard. General purpose search/rescue.
U-17B	Cessna	Not Assigned	1 IO-520-D/ ISO-520-D	AF	High-wing, all-metal utility aircraft with conventional fixed landing gear and tail wheel. Similar to U-17A except has improved engine, propeller and accessories. Cessna Model A185E. MAP aircraft.