

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
-	-	U	-	17	C	U-17C	Cessna	Not Assigned	1	O-470-L/-R Continental	AF	Similar to U-17A except for engine. MAP aircraft.
-	-	U	-	18	A	U-18A	N. American Rockwell	Navion	1	O-470-7/ -7A/-7B Continental	AF	Four-place, low-wing monoplane with tricycle landing gear. Aircraft regained into Air Force inventory and used by AF Aero clubs. Formerly designated L-17A.
-	-	U	-	18	B	U-18B	N. American Rockwell	Navion	1	O-470-7/ -7A/-7B Continental	AF	Four-place, all-metal, low-wing monoplane with tricycle landing gear. Aircraft regained into the Air Force inventory and used by AF Aero clubs. Formerly designated L-17B.
-	-	U	-	18	C	U-18C	N. American Rockwell	Navion	1	O-470-7/ -7A/-7B Continental	AF	Similar to U-18A except has different brakes and fuel tanks. Aircraft regained into Air Force inventory and used by AF Aero clubs. Formerly designated L-17C.
-	-	U	-	21	A	U-21A	Beech	UTE	2	PT6A-20 P & W (Canada)	Army	Turbo-powered, unpressurized, cantilever low-wing utility aircraft. Has full feathering and reversing propellers, retractable tricycle landing gear and dual flight controls. Performs utility missions in the combat zone. Supports commanders and staff in command and control functions. 2-crew, 10-troops.
-	R	U	-	21	A	RU-21A	Beech	UTE	2	PT6A-20 P & W (Canada)	Army	Same as U-21A except modified for installation of Army Security Agency special mission EW equipment.
-	R	U	-	21	B	RU-21B	Beech	UTE	2	PT6A-29 P & W (Canada)	Army	A U-21A airframe extensively modified and especially configured for installation of Army Security Agency EW equipment.
-	R	U	-	21	C	RU-21C	Beech	UTE	2	PT6A-29 P & W (Canada)	Army	Similar to RU-21B except for the antenna array and mission equipment installed.

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-	R	U	-	21	D	RU-21D	Beech	UTE	2	PT6A-20 P&W (Canada)	Army	Same as RU-21A except for modified cockpit and control pedestal arrangement. Cabin is especially equipped for Army Security Agency EW equipment.
-	R	U	-	21	E	RU-21E	Beech	UTE	2	T74-CP-700	Army	Similar to U-21A aircraft except modified to perform surveillance missions in combat zone. Crew, pilot, co-pilot and 2-special mission equipment operators.
-	-	U	-	21	F	U-21F	Beech	UTE	2	PT6A-28 P&W (Canada)	Army	Low-wing, all metal aircraft with fully retractable dual wheel tricycle landing gear. Twin engine with constant speed four bladed full feathering and reversible propellers. The aircraft is provided with dual controls and pressurization systems. 2 crew, 6 passengers.
-	-	U	-	21	G	U-21G	Beech	UTE	2	T74-CP-700 P&W	Army	Same as U-21A except modified electrical system and passenger seats. Electrical system redesigned for relay panels with test points in central location. Generator control system also modified with a ground fault protection system.
-	R	U	-	21	H	RU-21H	Beech	UTE	2	T74-CP-700	Army	Similar to RU-21E except modified with new wing tips and new landing gear doors under the engine nacelles. Maximum gross takeoff weight increased from 9,650 pounds to 10,200 pounds.
Y	Q	U	-	22	A	YQU-22A	Beech	Not Assigned	1	TSIO-520-D Continental	AF	A utility drone aircraft.
Q	-	U	-	22	B	QU-22B	Beech	Not Assigned	1	GISO-520 Continental	AF	Design details are classified.
-	A	U	-	23	A	AU-23A	Fairchild Industries	Not Assigned	1	TPE331-1-101F P&W	AF	A high-wing monoplane with conventional landing gear. It is armed with an XM-197 cannon (20MM) bomb-racks on the wings and fuselage. Aircrew: Pilot, co-pilot and gunner. A militarized version of the Fairchild "Heliborther".
-	A	U	-	24	A	AU-24A	Helio	Not Assigned	1	PT6A-27 P&W	AF	A high-wing monoplane with conventional landing gear. It is armed with an XM-197 cannon (20MM), bomb-racks on the wings and fuselage. Aircrew: Pilot, co-pilot and gunner. A militarized version of the basic Helio "Stallion".

VTOL & STOL SERIES												
Mod Mission	Basic Mission	Vehicle Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	TYPE	SERVICE	FEATURES	
-	-	O	V	1	A	OV-1A	Grumman	Mohawk	2	T53-L-3	Army	Surveillance (day & night) airplane with visual observation and photographic capabilities. Formerly designated AO-1A. 2-crew.
-	-	O	V	1	B	OV-1B	Grumman	Mohawk	2	T53-L-7	Army	Same as OV-1A except different engine and with addition of side-looking radar. Formerly designated AO-1B. 2-crew.
-	-	O	V	1	C	OV-1C	Grumman	Mohawk	2	T53-L-3	Army	Same as OV-1A with addition of infrared detection equipment. Formerly designated AO-1C. 2-crew.
-	-	R	V	1	C	RV-1C	Grumman	Mohawk	2	T53-L-3	Army	Similar to OV-1C except permanently modified for Electronic Reconnaissance.
-	-	O	V	1	D	OV-1D	Grumman	Mohawk	2	T53-L-7	Army	Similar to OV-1B. Has new side-loading doors to accept pallets with side-looking airborne radar, infrared, or future developed sensors.
-	-	R	V	1	D	RV-1D	Grumman	Mohawk	2	T53-L-7	Army	Similar to OV-1D except permanently modified for Electronic Reconnaissance.
X	-	-	V	3	A	XV-3A	Bell Aerospace	Not Assigned	1	R-985-AN-1 P&W	Army	A VTOL aircraft developed to explore the feasibility of this configuration for application to cargo transport type aircraft. Has two 3-bladed all-metal convertible articulated rotor-propeller of 25 ft dia. 4-crew.
X	-	-	V	5	A	XV-5A	General Elec. & Ryan	Not Assigned	2	V85-GE5 GE	Army	Research aircraft, employing two General Electric X353-5B lift fans and small nose fan for VTOL flight. 12,000 lbs gross weight. Formerly designated VZ-11. 2-crew.
X	-	-	V	6	A	XV-6A	Hawker-Siddley	Not Assigned	1	BS-53 Bristol Siddeley	AF	Research aircraft, utilizing vectored thrust and bypass air for VTOL and conventional flight. 12,000 lbs gross weight. 2-crew.
-	-	A	V	8	A	AV-8A	Hawker-Siddley	Harrier	1	F402-RR-400/-401	Navy	A single place, close support aircraft capable of ship-board operations and operations from natural or roughly prepared areas of limited size. 1-crew.
X	-	-	V	9	A	XV-9A	Hughes	Not Assigned	2	YT64 GE	Army	Hot cycle research VTOL helicopter. 15,300 lbs gross weight, 55 ft diameter rotor. Hot-cycle rotor drive system utilized for propulsion. Eliminates all drive transmissions and tail rotors. 1-crew.

Model Designation	MFR	Popular Name	Engine Data No.	Service	Features
OV-10A	North American Rockwell	Bronco	2	Navy/AF	Production version of the model YOY-10A. Has extended wing, improved electronics, increased stores capability, and modified engines.
OV-10B	North American Rockwell	Bronco	2	Navy	Similar to OV-10A except for use by Federal Republic of Germany.
OV-10C	North American Rockwell	Bronco	2	Navy	Similar to OV-10A except for use by Royal Thai Air Force.
YOY-10D	North American Rockwell	Bronco	2	Navy	Prototype models of the Night Observation Gunship System (NOGS) version of the OV-10A. Has a stabilized forward looking infrared (FLIR) sensor in a nose mounted target assembly, a 20mm flexible gun turret slaved to the FLIR sensor, wing pylons and associated equipment controls, sensor/gun pointing indicators and interconnecting wiring harness.
XV-11A	Parsons	Not Assigned	To Be Determined	Army	Experimental VTOL/STOL aircraft incorporating devices such as boundary-layer control and variable camber wing, ducted propellers for improving STOL and low-speed flight characteristics; fixed-wing, four-place carrier-based land plane, multi-pantabase gear (ski and wheel combination) VTOL design; one turbo-shaft engine, 2100 lbs gross weight.
XFV-12A	North American Rockwell	Not Assigned	1	Navy	A single-place aircraft, high wing configuration for vertical lift. The aircraft will be used to evaluate the effectiveness of the thrust augmentation principle in the V/STOL mode, investigate the control system response and determine the weight penalties associated with this design.
XV-15	Bell Helicopter Co	Not Assigned	2	Army	Research Aircraft for investigation of tilt rotor VTOL/STOL concepts. 13,000/14,000 pound gross weight; three bladed 25' diameter rotors.

RESEARCH SERIES

Model Designation	MFR	Popular Name	Engine Data No.	Engine Data Type	Service	Features
X-24A	Martin	Not Assigned	1	XLR11-RM-13	AF	A manned, low-speed lifting body which, after being dropped from a B-52 aircraft, will ascend under rocket power to approximately 100,000 feet and Mach 2, after which it will glide to a landing. Commercial designation SV-5P.
X-24B	Martin	Not Assigned	1	XLR-11-RM-13	AF	Modified version of X-24A
X-25A	Bensen Aircraft Corp.	Not Assigned	1	4318G/E McCulloch	AF/ Navy	A powered gyro-copter used to demonstrate a concept aircraft escape systems.
X-25B	Bensen Aircraft Corp.	Not Assigned			AF	A gyro-glider used to demonstrate a concept for aircraft escape systems.
X-26A	Schweizer	Not Assigned		None	Navy	A two place, dual control, high performance sailplane to be used in the U. S. Navy test pilot school flight syllabus for test pilot training.
X-26B	Schweizer	Not Assigned	1	0-200A Continental	Navy	A modified powered version of the X-26A
X-28A		Not Assigned	1	90HP Lycoming	Navy	A small single place experimental seaplane manufactured by a private individual to be utilized by the NAVAIR-DEVCCEN for the development of a small seaplane to perform civil police duties at sea.

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

SECTION II

ROCKETS AND GUIDED MISSILES

Status Prefix	Launch Envirn	Mission Type	Design No	Design Series	MISSILE SERIES				FEATURES	
					MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type		SERVICE
- R I M 2 A					RIM-2A	General Dynamics	Terrier BW-0	1	Navy	Formerly designated SAM-N-7.
- R I M 2 B					RIM-2B	General Dynamics	Terrier BW-1	1	Navy	Formerly designated SAM-N-7.
- R I M 2 C					RIM-2C	General Dynamics	Terrier BT-3	1	Navy	Formerly designated SAM-N-7.
- R I M 2 D					RIM-2D	General Dynamics	Terrier BT-3A	1	Navy	Formerly designated SAM-N-7.
- R I M 2 E					RIM-2E	General Dynamics	Terrier	1	Navy	Formerly designated SAM-N-7.
- R I M 2 F					RIM-2F	General Dynamics	Terrier	1	Navy	A surface-to-air weapon for shipboard use. Launched by a solid fuel rocket booster and propelled by a solid fuel rocket sustainer.
- R I M 3 A					MIM-3A	McDonnell-Douglas	Nike Ajax	1	Army	Formerly designated M-1.
- A I M 4 A					AIM-4A	Hughes	Falcon	1	AF	Air-to-air radar guided, light-weight, self-propelled missile. Formerly designated GAR-1D.
- A I M 4 D					AIM-4D	Hughes	Falcon	1	AF	An air-to-air passive, infrared seeker guided missile propelled at supersonic speeds. Formerly designated GAR-2B.
- A I M 4 F					AIM-4F	Hughes	Falcon	1	AF	An air-to-air, semi-active seeker, radar guided missile, self-propelled at supersonic speeds. Formerly designated GAR-3A.
- A I M 4 G					AIM-4G	Hughes	Falcon	1	AF	Improved air-to-air, passive, infrared seeker guided missile, self-propelled at supersonic speeds. Formerly designated GAR-4A.
- A I M 4 H					AIM-4H	Hughes	Falcon	1	AF	Air-to-air guided missile. Design details classified.
- R G M 6 A					RGM-6A	LTV Aerospace Corp.	Regulus I	1	Navy	Formerly designated SSM-N-8.
- R G M 6 B					RGM-6B	LTV Aerospace Corp.	Regulus I	1	Navy	Formerly designated SSM-N-8A.

Status Prefix	Launch Envirn	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	A I M 7 D				AIM-7D	Raytheon	Sparrow III	1	MK 6 MOD 3	Navy/AF	A solid fuel radar homing air-to-air missile with a high explosive warhead. The dia. of the body is 8 in. dia. of the fins is 40 in. by 12 ft long and weighing 350 lbs. Formerly designated AAM-N-6A (Navy); AIM-101 (AF).
-	A I M 7 E				AIM-7E	Raytheon	Sparrow III	1	MK 38 or MK 52	Navy/AF	Formerly designated AAM-N-6B.
-	A I M 7 F				AIM-7F	Raytheon	Sparrow		MK 58 or MK 65	Navy/AF	Advanced solid state version of AIM-7E. Has greater range, maneuverability, performance, reliability, and larger warhead.
Y	A I M 7 G				YAIM-7G	Raytheon	Sparrow		MK 58 or MK 65	AF	Similar to YAIM-7F except has different antenna, radome and RF plumbing.
-	R I M 7 H				RIM-7H	Raytheon	Sparrow III	1	MK 38 or MK 52	Navy	A surface-to-air version of AIM-7E. Launched by solid propellant booster and guides to target by semi-active homing. Has improved guidance, folding wings and clipped fins.
Y	R I M 7 H-1				YRIM-7H-1	Raytheon	None Assigned	1	MK 38 MOD 0 or MK 52 MOD 2	Navy	A surface-to-air Guided Missile, launched and propelled by a solid propellant motor. Modified AIM-7E-2 to provide a shorter commitment time.
-	R I M 8 G				RIM-8G	Bendix	Talos	1	MK 11 MOD 2 or 5	Navy	The Talos, complete round is a long range, surface-to-air, two stage supersonic missile using midcourse beam-riding and semiactive continuous-wave interferometer (CWI) homing. The missile is launched by a solid propellant booster and is ramjet propelled after missile-booster separation. The missile can be used against single or massed groups of high-speed aircraft, or to bombard surface targets.
-	R G M 8 H				RCM-8H	Bendix	Talos (ARM)	1	MK 11 MOD 2 or 5	Navy	Similar to RIM-8G, except employs advanced terminal guidance system which changes the design mission and/or function.
-	A I M 9 B				AIM-9B	Philco & General Elec- tric	Sidewinder IA	1	MK 17	Navy/AF	A supersonic, air-to-air homing weapon employing passive infrared target detection, proportional navigation guidance, and torque balance control. Formerly designated AAM-N-7 (Navy); GAR-8 (AF).

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- A I M 9 D					AIM-9D	Philco & Raytheon	Sidewinder IC-IR	1 MK 36	Navy		Formerly designated AAM-N-7.
- A T M 9 D					AIM-9D	Philco & Raytheon	Sidewinder	1 MK 36	Navy		Used for captive flight target acquisition training.
- A I M 9 E					AIM-9E	Philco	Sidewinder	1 MK 17	AF		Similar to AIM-9B, except is modified to extend the entire missile performance envelope.
- A I M 9 G					AIM-9G	Raytheon	Sidewinder	1 MK 36	Navy		Same as AIM-9D except has an improvement feature called SEAM (Sidewinder Expanded Acquisition Mode). SEAM has significantly expanded the target acquisition cone and electronically permits easier missile lock-on and tracking prior to launch.
- A T M 9 G					AIM-9G	Raytheon	Sidewinder	1 MK 36	Navy		Used for captive flight target acquisition training.
- A I M 9 H					AIM-9H	Raytheon (GCG only)	Sidewinder	1 MK 36	Navy		Same as the AIM-9G, except has a solid state guidance control group.
- A I M 9 J					AIM-9J	Philco	Sidewinder	1 MK 17	AF		Similar to AIM-9E except is modified to increase duration time.
Z A I M 9 K					ZAIM-9K	Raytheon	Sidewinder	Unknown	Navy		Modified version of the AIM-9H.
Z A I M 9 L					ZAIM-9L	Raytheon	Sidewinder	Unknown	Navy		Modified version of the AIM-9H.
- C Q M 10 A					QQM-10A	Boeing	Bomarc	1 IR59-AJ-3 and RJ43-WA-3/-7/-11	AF/N		CIM-10A long-range, surface-to-air, area defense guided missile modified to a drone configuration.
- C I M 10 B					CIM-10B	Boeing	Bomarc	1 M51 and 2 RJ43-WA-11	AF		A surface-to-air, long-range area-defense guided missile designed to intercept and destroy enemy aircraft. Ground controlled by SAGE air defense system, switching to target-homing system as terminal guidance. Formerly designated IM-99B.

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-	A G M	12 A	AGM-12A	Martin & Maxson	Bullpup	1	MK 8	Navy	Formerly designated ASM-N-7.		
-	A T M	12 A	ATM-12A	Martin	Bullpup Trainer	1	MK 8	Navy	Formerly designated ASM-N-7.		
-	A G M	12 B	AGM-12B	Martin & Maxson	Bullpup	1	LR62-RM-4 or MK 8	Navy/AF	A short-range air-to-surface guided missile used against comparatively small defended surface targets. Radio-link command guidance. Formerly designated ASM-N-7A (Navy); GAM-83A (AF).		
-	A T M	12 B	ATM-12B	Maxson	Bullpup Trainer	1	MK 8	Navy	Formerly designated ASM-N-7A.		
-	A G M	12 C	AGM-12C	Martin	Bullpup	1	LR62-RM-2/-4	Navy/AF	Improved version of AGM-12B. Formerly designated ASM-N-7B.		
-	A G M	12 E	AGM-12E	Martin	Bullpup	1	LR62-RM-4	AF	Improved AGM-12C. Design details classified.		
-	A E M	12 F	AEM-12F	Maxson	Not Assigned	1	LR62-RM-4	AF	Modified AGM-12E. Design details classified.		
-	M Q M	13 A	MQM-13A	Martin	Mace-A	1	J33-A-41	AF	MQM-13A tactical surface-to-surface guided missile modified to drone configuration.		
-	C G M	13 B	CGM-13B	Martin	Mace-B	1	J33-A-41	AF	Long-range, tactical surface-to-surface guided missile employing a self-contained jam proof inertial guidance system. Formerly designated TM-76B and GGM-13C.		
-	M Q M	13 B	MQM-13B	Martin	Mace-B	1	J33-A-41	AF	A CGM-13B missile modified to drone configuration.		
-	M I M	14 A	MIIM-14A	McDonnell-Douglas	Nike Hercules			Army	A high-altitude missile, with a primary ground-to-air missile and a secondary surface-to-surface mission, designated to function as a defense against aerial attack. Formerly designated M6.		
-	M I M	14 B	MIIM-14B	McDonnell-Douglas	Nike Hercules			Army	Similar to MIIM-14A except has improved missile guidance set. Formerly designated M6A-1.		

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-	M I M	14 C			MIM-14C	McDonnell-Douglas	Mike Hercules	1	M30A2	Army	Similar to MIM-14B except has improved missile guidance section.
-	R G M	15 A			RGM-15A	LFV Aerospace Corp.	Regulus II			Navy	Formerly designated SSM-N-9.
-	C G M	16 E			CGM-16E	General Dynamics	Atlas			AF	Formerly designated SM-65E.
-	H G M	16 F			HGM-16F	General Dynamics	Atlas			AF	Silo-launched, inertial guided, surface-to-surface ICBM. Formerly designated SM-65F.
-	P G M	17 A			PGM-17A	McDonnell-Douglas	Thor			AF	Formerly designated SM-75.
-	A D M	20 C			ADM-20C	McDonnell-Douglas	Quail	1	J85-GE-7	AF	Air-launched, air-breathing bomber decoy missile. Formerly designated GAW-72B.
-	A G M	22 B			AGM-22B	Nord Aviation	None Assigned			Army	A wire-guided, remotely controlled, low-altitude subsonic, air-launched guided missile.
-	A T M	22 B			ATM-22B	Nord Aviation	None Assigned			Army	Trainer version of AGM-22B missile.
X	M I M	23 A			XMIM-23A	Raytheon	Hawk			Army	Formerly designated XM-3.
-	M I M	23 A			MIM-23A	Raytheon	Hawk			Navy (MC)	Formerly designated M-3.
-	M I M	23 B			MIM-23B	USAMICOM	Hawk	1	ML12	Army	Guided Missile, Intercept-Aerial. P/O Improved Hawk Guided Missile System.
X	M I M	23 B			XMIM-23B	USAMICOM	Hawk	1	XWL12	Army	A low altitude air defense weapon.
X	M E M	23 B			XMEM-23B	USAMICOM	Hawk	1	XWL12	Army	A full telemetering version of the XMIM-23B.
X	M T M	23 B			XMIM-23B	USAMICOM	Hawk	1	XWL12	Army	This training missile is the exact size and shape of the guided missile, Intercept-Aerial, MIM-23B. This item is used to train battery personnel in various operations. Trainer version of MIM-23B.
-	R I M	24 A			RIIM-24A	General Dynamics	Tartar Basic			Navy	Formerly designated SAM-N-7.

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-	R I M	24 B			RIM-24B	General Dynamics	Tartar Improved			Navy	Formerly designated SAM-N-7.
-	R I M	24 C			RIM-24C	General Dynamics	Tartar			Navy	Similar to RIM-24B except for an increase in operating characteristic modes.
-	L G M	25 C			LGM-25C	Martin	Titan I			AF	A two-stage, rocket engine powered, radio inertial guided ICBM. Formerly designated SM-68.
-	A I M	26 A			AIM-26A	Hughes	Falcon	1 M60		AF	An improved HGM-25A all-inertial-guided liquid propellant, powered, two-stage ICBM. Formerly designated SM-68B.
-	A I M	26 B			AIM-26B	Hughes	Falcon	1 M60		AF	Air-to-air, semi-active seeker guidance, self-propelled, supersonic missile. Formerly designated GAR-11.
-	U G M	27 A			UGM-27A	Lockheed	Polaris A1			Navy	Improved version of AIM-26A. Formerly designated GAR-11A.
-	U G M	27 B			UGM-27B	Lockheed	Polaris A2			Navy	
-	U G M	27 C			UGM-27C	Lockheed	Polaris A3			Navy	
-	A G M	28 A			AGM-28A	N. American Rockwell	Hound Dog	1 J52-P-3		AF	A supersonic, jet propelled, air-to-surface, inertial guided, standoff strategic missile. Formerly designated GAW-77.
-	A G M	28 B			AGM-28B	N. American Rockwell	Hound Dog	1 J52-P-3		AF	Improved AGM-28B. Formerly designated GAM-77A.
-	M G M	29 A			MGM-29A	USAMICOM	Sergeant	1 M100		ARMY	A field artillery all-inertial-guidance missile.
-	L G M	30 A			LGM-30A	Boeing	Minuteman I			AF	Formerly designated HSM-80A.
-	L G M	30 B			LGM-30B	Boeing	Minuteman I			AF	Formerly designated HSM-80B.
-	L G M	30 F			LGM-30F	Boeing	Minuteman II			AF	Formerly designated HSM-80F.
-	L G M	30 G			LGM-30G	Boeing	Minuteman III			AF	Classified Configuration.

Status Prefix	Launch Entry	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
X	M G M	31 A			XQM-31A	Martin	Pershing			Army	Formerly designated XM-14.
-	M G M	32 A			QM-32A		Entac			Army	
-	M Q M	33 A			QM-33A	Northrop Ventura	None Assigned			Army	Formerly designated OQ-19B.
-	M Q M	33 B			QM-33B	Northrop Ventura	None Assigned			Army	Formerly designated OQ-19D.
-	M Q M	33 C			QM-33C	Northrop Ventura	None Assigned			Army	Similar to the QM-33A except equipped with improved electronics.
-	M Q M	33 D			QM-33D	Northrop Ventura	None Assigned			Army	Similar to the QM-33B except equipped with improved electronics.
-	B G M	34 A			BQM-34A	Ryan	None Assigned		Data Classified	AF	BQM-34A target drones modified to perform classified missions.
-	B Q M	34 A			BQM-34A	Ryan	Firebee	1	J69-T-29	AF/Navy	Recoverable, air or ground launched, radio command guided target drone. Formerly designated Q-2C.
-	B G M	34 B			BQM-34B	Ryan	None Assigned		Data Classified	AF	Design details classified.
-	M Q M	34 D			QM-34D	Ryan	Firebee			Army/AF	Ryan Model 124-E Turbojet Target Guided Missile. Performance characteristics of Mach 95, is 60,000 ft altitude and endurance of up to 107 minutes. For missile evaluation and training requirements.
-	B Q M	34 E			BQM-34E	Ryan	Firebee	1	YF69-T-406	Navy	A turbo, jet-propelled, high-altitude, supersonic aerial target. Provides a realistic high-performance aerial target capable of simulating enemy aircraft. Ryan model 166.
-	B Q M	34 F			BQM-34F	Ryan	Firebee	1	YJ69-T-406	AF	USAF configuration of Navy BQM-34E.
-	A Q M	34 G			AQM-34G	Ryan	Firebee	1	J69-T-29A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 H			AQM-34H	Ryan	Firebee	1	J69-T-29A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 J			AQM-34J	Ryan	Firebee	1	J69-T-29A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 K			AQM-34K	Ryan	Firebee	1	J69-T-41A	AF	Modified BQM-34A. Design details classified.

Status Prefix	Launch Envir	Mission	Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	No.	ENGINE DATA Type	SERVICE	FEATURES
-	A G M	34 L				AQM-34L	Ryan	Firebee	1	J69-T-41A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 M				AQM-34M	Ryan	Firebee	1	J69-T-41A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 N				AQM-34N	Ryan	Firebee	1	J69-T-41A	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 P				AQM-34P	Ryan	Firebee	1	J100-CA-100	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 Q				AQM-34Q	Ryan	Firebee	1	J100-CA-100	AF	Modified BQM-34A. Design details classified.
-	A Q M	34 R				AQM-34R	Ryan	Firebee	1	J100-CA-100	AF	Modified BQM-34A. Design details classified.
-	B Q M	34 S				BQM-34S	Ryan	Firebee	1	YJ69T-406	Navy	Transponder Set will be replaced by the Revised Transponder Set AN/DKW-1 of the Integrated Target Control System AN/USW-3 (NA-70-1495).
-	B Q M	34 T				BQM-34T	Ryan	Firebee	1	YJ69T-406	Navy	BQM-34E modified to incorporate the TRANSPONDER SET AN/DKW-1 and the AUTOPILOT A/A37-G-9. These changes provide improved performance and compatibility with the integrated target control system AN/USW-3.
Y A Q M	34 U					YAQM-34U	Ryan	Firebee	1	J69-T-41A	AF	Modified AQM-34L. Design details classified.
-	M Q M	36 A				MQM-36A	Northrop Ventura	None Assigned	1	O-100-2	Navy	Formerly designated KD2R-5.
-	A Q M	37 A				AQM-37A	Beech	None Assigned	1	LR64-NA-4	Navy	Formerly designated KD2B-1.
-	A Q M	38 A				AQM-38A	Radio Plane	None Assigned			Army	Formerly designated RP-76.
-	M Q M	39 A				MQM-39A	Beech	None Assigned			AF	Formerly designated KDB-1.
-	M Q M	42 A				MQM-42A		Redhead Road Runner			Army	
X F I M	43 A					XFIM-43A	USAMTCOM	Redeye	1	XM99	Army	Using an infrared seeker and an electromechanical guidance device seeks out and destroys low-flying enemy aircraft. The weapon is carried and launched by one man. Supersedes XMIM-43A.
X F E M	43 B					XFEM-43B	USAMTCOM	Redeye	1	XM110	Army	Designed to transmit signals from which a ground unit interprets the various missile functions.

Status Prefix	Launch Environment	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
X	F I M	43 B			XFIM-43B	USAMICOM	Redeye	1	XML10	Army	Similar to XFIM-43A except has improved seeking capabilities. Supersedes XMIM-43B.
X	F E M	43 C			XFEM-43C	USAMICOM	Redeye			Army	Similar to XFEM-43B except has improved capability, resulting in new launcher and related tests equipment.
X	F I M	43 C			XFIM-43C	USAMICOM	Redeye			Army	Similar to XFIM-43B except has improved capability, resulting in new launcher and related test equipment.
-	F I M	43 C			FIM-43C	USAMICOM	Redeye	1	ML15	Army	A supersonic missile designed to intercept and destroy aerial targets.
-	U U M	44 A			UUM-44A	Goodyear	SUBROC			Navy	
-	A G M	45 A			AGM-45A	Texas Inst. UNIVAC	Shrike	1	MK39 or MK53	Navy/AF	Air-to-Surface tactical missile used for destruction of radiation targets. It is 120 in. long, 8 in. in diameter, and weighs 390 lbs. A four-section missile consisting of a guidance section, warhead section, control section, and a solid rocket motor section.
-	A G M	45 B			AGM-45B	Texas Inst. UNIVAC	Shrike	1	MK78 MOD 0	Navy	Surface Attack Guided Missile is identical to AGM-45A except that this missile uses Warhead Section MARK 5 MOD 1 or Warhead Section MARK 86 MOD 1 and Rocket Motor Section MARK 78 MOD 0. Same tactical applications as the AGM-45A, but has improved operational characteristics.
-	A T M	45 B			ATM-45B	Texas Inst. UNIVAC	Shrike			Navy	Identical to Practice Guided Missile ATM-45A except that this missile uses Rocket Motor Section MARK 78 MOD 0. This missile has the same practice applications as the ATM-45A but has improved operational characteristics. The warhead section is inert.
-	R I M	46 A			RIM-46A		Sea Mauler			Navy	
X	L I M	49 A			XLIM-49A	McDonnell- Douglas	Nike Zeus			Army	A three-stage, solid propellant, command guidance type antimissile. Designed to intercept and destroy hostile ballistic missile warheads through the coordinated function of the ground support systems and ground guidance systems.

Status Prefix	Launch Environ	Mission	Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	Type	SERVICE	FEATURES
-	R I M	50 A				RIM-50A	Bendix	Typhon(IR)			Navy	Formerly designated SAM-N-8.
-	M G M	51 A				MGM-51A	USAMICOM	Shillelagh			Army	A direct fire, command to line-of-sight guided missile with solid propellants and shaped-charge high-explosive warhead. This is the original limited production model. This tactical model for use against armor.
-	M T M	51 A				MTM-51A	USAMICOM	Shillelagh			Army	Similar to MGM-51A but has inert warhead and is used for gunner practice firings.
-	M G M	51 B				MGM-51B	USAMICOM	Shillelagh			Army	A direct fire, command to line-of-sight guided missile with solid propellants and high-explosive shaped charge warhead. This missile has extended range capability over the MGM-51A. This is a tactical model for use against armor.
-	M T M	51 B				MTM-51B	USAMICOM	Shillelagh			Army	Similar to MGM-51B but has inert warhead and is used for gunner practice firings.
-	M G M	51 C				MGM-51C	USAMICOM	Shillelagh			Army	Same as MGM-51B except for "shallow" warhead index key to be fired from "shallow key" gun launcher.
-	M T M	51 C				MTM-51C	USAMICOM	Shillelagh			Army	Same as MTM-51B but to be fired from "shallow key" gun launcher.
X	M G M	52 B				XMGM-52B	USAMICOM	Lance			Army	Classified configuration.
X	M G M	52 C				XMGM-52C	USAMICOM	Lance			Army	Classified configuration.
-	A G M	53 A				AGM-53A	N. American Rockwell	Condor	1	MK 70	Navy	A long range electro-optical guided missile.
-	A I M	54 A				AIM-54A	Hughes Aircraft	Phoenix	1	MK 47 or MK 60	Navy	Formerly designated AAM-N-11.
-	R I M	55 A				RIM-55A	Bendix	Typhon(MR)			Navy	Formerly designated SAM-N-9.
-	M Q M	57 A				MQM-57A	None Assigned	None Assigned			Army	Formerly designated AN/USD-1A.
-	M Q M	57 B				MQM-57B	None Assigned	None Assigned			Army	Similar to MQM-57A except has new electronic guidance equipment to be compatible with new Airborne Surveillance System AN/USD-1B.

Status Prefix	Launch Envlrm	Mission	Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	Type	SERVICE	FEATURES
-	M	Q	M	58	A	MQM-58A		Overseer			Army	Formerly designated AN/USD-2.
Z	R	G	M	59	A	ZRCM-59A		None Assigned			Navy	Ship-launched, rocket-propelled surface-to-surface guided missile for use in support of amphibious operations. (Landing Force Support Weapon)
-	A	Q	M	60	A	AGM-60A	Lockheed	Kingfisher			Army	A supersonic, high-altitude, ramjet target vehicle with a capability of attaining a speed of Mach 2.7 and an altitude of 80,000 ft. Formerly designated Q-5.
-	M	Q	M	61	A	MQM-61A		Cardinal			Army	A propeller-driven, target guided missile powered by an air-cooled, six-cylinder engine; has a speed capability of approximately 300 knots. Its gross weight is about 650 lbs.
Z	A	G	M	65	A	ZAGM-65A	Hughes	Maverick			AF	An electro-optical homing, tactical air-to-surface missile. Design details classified.
-	A	G	M	65	A	AGM-65A	Hughes	Maverick			AF	An air-to-ground television guided missile designed for use against visible tactical targets, i.e., tanks, armored personnel carriers, fortifications, etc.
Y	R	I	M	66	A	YRIM-66A	General Dynamics	Standard(MR)	MK-27	MOD 0	Navy	A surface-to-air weapon with surface-to-surface capability for shipboard use. It utilizes a dual-thrust solid-propellant rocket motor. The missile guidance is fully solid state with a continuous wave semiactive homing system. The missile is supersonic and roll stabilized. Replaces Improved Tartar (IT) RIM-24B.
-	R	I	M	66	B	RIM-66B	General Dynamics	Standard(MR)	1	MK-56 MOD 0	Navy	Similar to RIM-66A except has improved MK 56 motor for longer range and improved performance.
-	R	I	M	66	C	RIM-66C	General Dynamics	Standard(MR)	1	MK-56 MOD 0	Navy	Similar to RIM-66B but adapted to AEGIS missile system.
-	R	G	M	66	D	RGM-66D	General Dynamics	Standard SSM (ARM)	1	MK-56 MOD 0	Navy	Similar to RIM-66B but modified to a surface-to-surface anti-radiation missile.
-	R	T	M	66	D	RIM-66D	General Dynamics	Standard SSM (ARM)	1	MK-56 MOD 0	Navy	Exercise version of RGM-66D
-	R	G	M	66	E	RGM-66E	General Dynamics	Standard SSM (ARM)	1	MK-56 MOD 0	Navy	Similar to RIM-66D but adapted to ASROC launcher.