

Status Prefix	Launch Envlrtn	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	Type	SERVICE	FEATURES
-	A G M	78 A	AGM-78A	General Dynamics	Standard Arm	1	MK 27 MOD 4	Navy	A tactical anti-radiation missile configured with a smoke device.		
-	A G M	78 B	AGM-78B	General Dynamics	Standard Arm	1	MK 27 MOD 4	Navy	A tactical anti-radiation missile configured with a SDU-6/B Signal, smoke device.		
-	A G M	78 C	AGM-78C	General Dynamics	Standard Arm	1	MK 27 MOD 4	Navy	A rocket motor powered tactical anti-radiation missile configured with a SDU-29/B Signal, smoke device.		
-	A T M	78 C	ATM-78C	General Dynamics	Standard Arm	1	MK 69 MOD 0	Navy	A Type III training missile used for both captive flight and classroom training.		
-	A G M	78 D	AGM-78D	General Dynamics	Standard Arm	1	MK 69 MOD 0	Navy	A tactical anti-radiation missile.		
-	A T M	78 D	ATM-78D	General Dynamics	Standard Arm	1	MK 69 MOD 0	Navy	A Type III training for captive flight and classroom training.		
X	A G M	79 A	XAGM-79A	Martin	To be Assigned	To be Determined	AF	Classified configuration.			
X	A G M	80 A	XAGM-80A	Chrysler	Viper	To be Determined	AF	Classified configuration.			
X	A Q M	81 A	XAQW-81A	Beech	None Assigned	To be Determined	AF	A supersonic high-altitude target missile used with F-4C aircraft.			
Z	A I M	82 A	ZAIM-82A	To be Determined	None Assigned	To be Determined	AF	Classified configuration.			
-	A G M	83 A	AGM-83A	Texas Inst. & NWCCL	Bulldog	1	LR58-PM-4	Navy	Bulldog modified, air-to surface semi-active missile.		
Z	A G M	84 A	ZAGW-84A	McDonnell Douglas	Harpoon	Navy	Specifically designed to destroy land and sea targets.				
-	R G M	84 A	RGM-84A	McDonnell Douglas	Harpoon	Navy	A surface-to-surface all weather missile for use against surface combatants. Similar to AGM-84A except modified for shipboard launch.				
-	U G M	84 A	UGM-84A	McDonnell Douglas	Harpoon	1	XJ402-CA-400 & Solid Pro-pellant Booster	Navy	Similar to RGM-84A, but is contained in a special capsule designed for underwater launch to attack a surface target.		
Z	R I M	85 A	ZRIM-85A		None Assigned	Navy	A medium-range, surface-to-air, all-weather missile for use against attack aircraft, air-to-surface and surface-to-surface missiles, and surface targets.				

Status Prefix	Launch Environ	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
Z	A	G	M	86	A	ZAGM-86A	None Assigned	To be Determined	AF	Configuration classified.	
-	A	G	M	87	A	AGM-87A	Focus I	MK 17 MOD 5	Navy	Configuration classified.	
-	A	G	M	88	A	AGM-88A	Harm		Navy	Guided missile, anti radiation, high velocity. air launched, high velocity self guided vehicle for use against surface radar installations.	
Z	B	Q	M	90	A	ZEQM-90A	None Assigned		Navy	A remotely controlled, high altitude, supersonic aerial target.	
-	A	Q	M	91	A	AQM-91A	None Assigned	1	AF	J97	Design details classified.
X	F	I	M	92	A	XFIM-92A	Stinger		Army	A man-portable, shoulder-fired weapon with a missile which uses an infrared seeker and electro-mechanical guidance to home on low flying aircraft.	
X	-	Q	M	93	A	XQM-93A	None Assigned	1	AF	PT6A	A remotely piloted vehicle. Design details classified.
X	-	Q	M	94	A	XQM-94A	None Assigned	1	AF	J-97	Classified
-	A	I	M	95	A	AIM-95A	Agile		Navy	Short range air-to-air missile for increasing the offensive capability of fighter aircraft during close-in aerial combat. Also, for use aboard attack aircraft to provide increased self-defense capability.	
-	U	G	M	96	A	UGM-96A	Trident		Navy	An Undersea Long Range Missile System to be launched by a submarine.	
X	A	I	M	97	A	XAIM-97A	None Assigned	1	AF	MK 27 MOD 4	Classified Configuration
Y	-	Q	M	98	A	YQM-98A	None Assigned	1	AF	YF-104	Classified
-	R	I	M	101	A	RIM-101A	None Assigned		Navy	A surface-to-air weapon for shipboard use. It is launched from a tube by a solid propellant ejector with subsequent sustainer motor ignition. Initial guidance is in the passive I-Band RF mode with terminal guidance in the passive infrared (IR) mode.	

ROCKET SERIES	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No. Type	SERVICE	FEATURES
- M G R 1 A	MGR-1A	Emerson/Douglas	Honest John		Army	Formerly designated M-31 series.
- M G R 1 B	MGR-1B	McDonnell-Douglas	Honest John		Army	Formerly designated M-50 series.
- A I R 2 A	AIR-2A	McDonnell-Douglas	Genie		AF	Formerly designated MB-1.
- A T R 2 A	ATR-2A	McDonnell-Douglas	Genie		AF	Formerly designated MB-1-T.
- A I R 2 B	AIR-2B	McDonnell-Douglas	Super Genie		AF	Formerly designated MMB-1.
- M G R 3 A	MGR-3A	Emerson Elec.	Little John		Army	Formerly designated M-51.
- R U R 4 A	RUR-4A		Weapon Alpha		Navy	
- R U R 5 A	RUR-5A		ASROC		Navy	
- M E R 6 A	MER-6A		None Assigned		AF	A rocket employed in Program 279.
- A D R 8 A	ADR-8A	Revere Copper and Brass Co.	None Assigned		AF	Formerly designated RCU-2/B.
X M Q R 13 A	XMQR-13A	USAMICOM	ZAP		Army	A free-flight target for use in testing weapon systems.
X A G R 14 A	XAGR-14A	To be Determined		To be Determined	Navy	Classified configuration.
- M T R 15 A	MTR-15A	USAMICOM	None Assigned	3 MK40 MOD 3	Army	A low cost target rocket vehicle incorporating a monocone structure to expose air defense personnel and equipment to a high degree of realism for training against attacking aircraft or missiles.
- M Q R 16 A	MQR-16A		None Assigned		Navy	A simple inexpensive aerial target with infrared augmentation, providing a ballistic flight profile within Redeye performance characteristics.

Status Prefix	Launch Environ	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	PROBE SERIES			FEATURES
								ENGINE DATA No.	ENGINE DATA Type	SERVICE	
-	P W N 5 A				PWN-5A	Cooper Development Co.	None Assigned	1	RM 2210 Cooper	AF	A two-part probe C/O a rocket motor or booster and a chaff-carrying dart used to measure upper atmosphere winds from 100,000 to above 200,000 ft. Formerly designated SRM-88.
-	P W N 6 A				PWN-6A	Atlantic Research Corp.	Kitty	1	SR 45-AR-1 Atlantic Research Corp.	AF	A rocket-borne radiosonde system used to carry a sounding instrument to approx 220,000 ft. Atmospheric data is transmitted by the instrument to ground receiver station and precision radar gives wind information.
-	P W N 6 B				PWN-6B	Atlantic Research Corp.	Kitty	1	SR 45-AR-1	AF	An expendable meteorological sounding device used to furnish meteorological data to the AN/GMD-2 Rawin Set ground equipment.
-	P W N 7 A				PWN-7A	Atlantic Research Corp.	Rooster	1	SR 45-AR-1 Atlantic Research Corp.	AF	A rocket-borne falling sphere system used to obtain wind and density data.
-	P W N 8 B				PWN-8B	Space Data Corp.	None Assigned	1	SR 71-AD-1 Aero Dyne Corp.	AF	An improved, higher thrust, rocket-borne system used to carry meteorological sounding instruments. Similar to PWN-8A.
-	P W N 10 A				PWN-10A	Space Data Corp.	None Assigned		To Be Determined	AF	A rocketborne meteorological sounding system used to carry a transponder sounding instrument to approximately 240,000 ft. The instrument is deployed and by means of a parachute, returned to earth. While descending, the instrument transmits atmospheric data (temperature) and receives and transmits ranging data.
-	P W N 10 B				PWN-10B	Space Data Corp.	None Assigned		SR 110-AD-1	AF	A rocketborne meteorological sounding system used to carry a transponder sounding instrument to approximately 240,000 ft. The instrument is deployed and by means of a parachute, returned to earth. While descending, the instrument transmits atmospheric data (temperature). This probe uses the identical hardware as the PWN-10A. The only difference being that the ranging receiver is not included in the telemetry payload.

Status Prefix	Launch Envtm	Mission Type	Design No	Design Series	MODEL DESIGNATION	MFR	POPULAR NAME	ENGINE DATA No.	ENGINE DATA Type	SERVICE	FEATURES
-	P	W	N	11	A	PWN-11A	Space Data Corp.	None Assigned	To Be Determined	AF	A rocketborne system used to carry an instrument to approximately 240,000 ft. The instrument is deployed, and by means of a parachute, returned to earth. While descending, the instrument transmits atmospheric data (temperature) to a ground station. The instrument package, by the metalized parachute, is tracked by radar for acquisition of wind direction and speed.
-	P	W	N	12	A	PWN-12A	Space Data Corp.	None Assigned	SR 110-AD-1	AF	A rocketborne meteorological sounding system used to carry an inflatable Balloon Radar Target, Meteorological ML-568/AM to approximately 300,000 feet. The payload is deployed at apogee, inflates, and while descending to earth, is tracked by radar to provide density data.

# **SECTION III**

## **ALPHABETICAL LISTING OF POPULAR NAMES**

## ALPHABETICAL LISTING OF POPULAR NAMES

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
ACADEME	TC-4C	Navy
AERO COMMANDER	U-4/U-9	AF
ALBATROSS	HU-16	Navy/CG/AF
ASROC	RUR-5	Navy
ATLAS	CGM-16	AF
AZTEC	U-11	Navy
BEAVER	U-6	AF/Army/Navy
BIRD DOG	O-1	Army
BOMARC	CIM-10	AF
BRONCO	OV-10	Navy/AF
BUCKEYE	T-2	Navy
BULLDOG	AGM-83A	Navy
BULL PUP	AGM-12	Navy/AF
CANBERRA	B-57	AF
CARDINAL	MGM-61A	Army
CARGO MASTER	C-133	AF
CARIBOU	C-7A	AF
CAYUSE	OH-6A	Army
CHEYENNE	AH-56A	Army
CHICKASAW	H-19	AF
CHINOOK	CH-47	Army
CHOCTAW	CH-34	AF/Army
COCHISE	T-42A	Army
COMMANDO	C-46	AF
CONDOR	AGM-53	Navy
CONSTELLATION	C-121A	AF/Navy
CORSAIR II	A-7	Navy
COUGAR	F-9	Navy
CRUSADER	F-8	Navy
DASH	QH-50C	Navy
DELTA DAGGER	F-102	AF
DELTA DART	F-106	AF
DESTROYER	RB-66	AF
EAGLE	F-15A	AF
ENTAC	MGM-32	Army
FALCON	AIM-4/26/47	AF
FIREBEE	BQM-34	AF
FLYING BOXCAR	C-119	AF
FLYING CLASSROOM	T-29	AF
FOCUS I	AGM-87	Navy
FREEDOM FIGHTER	F-5	AF
GALAXY	C-5A	AF
GENIE	AIR-2	AF
GLOBEMASTER	C-124	AF
GREYHOUND	C-2	Navy
GULFSTREAM I	C-4	CG
GULFSTREAM II	VC-11	CG
HARPOON	XAGM-84A	Navy

## ALPHABETICAL LISTING OF POPULAR NAMES (Continued)

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
HARRIER	AV-8A	Navy
HAWK	MIM-23	A/N(MC)
HAWKEYE	E-2	Navy
HERCULES	C-130	AF/Navy
HONEST JOHN	MGR-1	A/N(MC)
HOUD DOG	AGM-28	AF
HUEYCOBRA	AH-1G	Army
HUSKIE	H-43	AF/Navy
HUSTLER	B-58	AF
INTRUDER	A-6	Navy
INVADER	A-26	AF
IROQUOIS	UH-1	Army
JET STAR	C-140	AF/Navy
JOLLY GREEN GIANT	HH-3E	AF
KINGFISHER	AQM-60A	Army
KIOWA	OH-58	Army
KITTY	PWN-6	AF
LANCE	XMGM-52B	Army
LIFEMASTER	C-118	AF/Navy
LITTLE JOHN	MGR-3A	Army
MACE A	MGM-13	AF
MACE B	CGM-13	AF
MAVERICK	ZAGM-65A	AF/Navy
MENTOR	T-34	AF/Navy
MESCALERO	T-41	Army/AF
MINUTEMAN	LGM-30	AF
MOHAWK	OV-1	Army
MOJAVE	CH-37	AF/Navy
NAVIGATOR	RC-45J/UC-45J	Navy
NAVION	U-18	AF
NEPTUNE	P-2	Navy
NIGHTINGALE	C-9	AF
NIKE AJAX	MIM-3	Army
NIKE HERCULES	MIM-14A	Army
NIKE ZEUS	XLIM-49A	Army
ORION	P-3	Navy
OSAGE	TH-55A	Army
OTTER	U-1	AF/Navy
OVERSEER	MGM-58A	Army
PERSHING	XMGM-31A	Army
PHANTOM II	F-4	Navy/AF
PHOENIX	AIM-54	Navy
POLARIS	UGM-27	Navy
PROVIDER	C-123	AF
PROWLER	EA-6B	Navy
QUAIL	ADM-20	AF
RAVEN	H-23	Army
REDEYE	XMIM-43	A/N(MC)



## ALPHABETICAL LISTING OF POPULAR NAMES (Continued)

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
REDHEAD ROAD RUNNER	MGM-42	Army
REGULUS	RGM-6/15	Navy
ROOSTER	PWN-7	AF
SABRE	F-86	AF
SABRELINER	T-39	AF/Navy
SAMARITAN	C-131	AF
SEABAT	SH-34	Navy
SEAHORSE	H-34	Navy
SEA KING	H-3	Navy
SEA KNIGHT	H-46	Navy
SEA MAULER	RIM-46	Navy
SEARANGER	TH-57	Navy
SEASPRITE	H-2	Navy
SEASTALLION	CH-53	Navy
SEA STAR	T-1	Navy
SEMINOLE	U-8	Army
SENECA	H-41A	Army
SERGEANT	MGM-29	Army
SHAWNEE	H-21	Army
SHILLELAGH	MGM-51	Army
SHOOTING STAR	F-80/T-33	AF/Navy
SHRIKE	AGM-45	Navy/AF
SIDEWINDER	AIM-9	Navy/AF
SIOUX	H-13	Army
SKYHAWK	A-4	Navy
SKY KNIGHT	F-10	Navy
SKYMASTER	C-54	AF/Navy
SKYRAIDER	A-1	Navy/AF
SKYTRAIN	C-47/C-117	AF/Navy
SKYWARRIOR	A-3	Navy
SPARROW	AIM-7	Navy/AF
SRAM	AGM-69A	AF
STANDARD	RIM-66/67	Navy
STANDARD ARM	AGM-78	Navy
STARFIGHTER	F-104	Navy
STARLIFTER	C-141	AF
STINGER	XFIM-92A	Army/Marine
STRATOCRUISER	C-97	AF
STRATOFORTRESS	B-52	AF
STRATOFREIGHTER	KC-97	AF
STRATOJET	B-47	AF
STRATOLIFTER	C-135	AF
STRATOLINER	VC-137	AF
STRATOTANKER	KC-135	AF
SUBROC	UUM-44A	Navy

## ALPHABETICAL LISTING OF POPULAR NAMES (Continued)

POPULAR NAME	MODEL DESIGNATION	COGNIZANT SERVICE
SUPER CONSTELLATION	C-121	AF
SUPERFORTRESS	B-29/B-50	AF
SUPER GENIE	AIR-2B	AF
SUPER JOLLY	HH-53B/C	AF
SUPER SABRE	F-100	AF
TALON	T-38	AF
TALOS	RLM-8	Navy
TARHE	CH-54A	Army
TARTAR	RLM-24	Navy
TERRIER	RLM-2	Navy
THUNDERCHIEF	F-105	AF
THUNDERFLASH	RF-84F/RF-84K	AF
THUNDERSTREAK	F-84F	AF
TIGER	F-11	Navy
TIGER II	F-5E	AF
TITAN	HGM-25	AF
THOR	PCM-17	AF
TOMCAT	F-14A	Navy
TORNADO	B-45	AF
TRACER	E-1	Navy
TRACKER	S-2	Navy
TRADER	C-1	Navy
TROJAN	T-28	AF/Navy
TYPHON	RLM-50/55	Navy
UTE	U-21	Army
VIGILANTE	A-5	Navy
VIKING	S-3A	Navy
VIPER	XAGM-80A	AF
WOODCO	F-101	AF
WARNING STAR	C-121	Navy
WEAPON ALPHA	RUR-4	Navy
WORKHORSE	H-21	AF
ZAP	XAGR-14A	Navy