

APPENDIX B. AIRCRAFT WEAPONS AND CAPABILITIES GUIDE

Aircraft	Service	Ordnance	Laser Tracker	Laser Designator	GPS	Marking Capability	Other Systems	Comm
AV-8B	USMC	GBU ¹ GP Bombs CBU AGM-65 IR & Laser Maverick 2.75"/5.0"Rockets 25mm Cannon LUU-2 Flares LUU-19 Flares	Yes ²	Yes ³	Yes	IR ³ Rockets	FLIR NVG Radar ⁴	UHF/VHF
A/OA-10A	USAF	GBU ¹ GP Bombs CBU Aerial Mines AGM-65 IR & Laser Maverick 2.75" Rockets 30mm Cannon LUU-1/-2 Flares LUU-5/-6 Flares	Yes	No	No	Rockets	NVG	UHF/VHF
AC-130H/U	USAF	105mm Howitzer 40 mm Cannon 20 mm Cannon	No	Yes ⁵	Yes	GLINT 105mm WP 105mm HE 40mm LTD	Beacon FLIR LLTV Radar	UHF/VHF HF SATCOM
B-1B	USAF	GP Bombs	No	No	No	None	Radar	UHF/VHF HF SATCOM
B-52H	USAF	GP Bombs AGM-142 CBU Aerial Mines TALCM AGM-84 Harpoon	No	No	Yes	None	Beacon FLIR LLTV NVG Radar	UHF/VHF HF SATCOM
F-14	USN	GBU GP Bombs CBU 20mm Cannon LUU- 2 Flares	No	Yes	No	Laser Rockets	FLIR NVG Radar	UHF/VHF
F-15E	USAF	GBU GP Bombs AGM-130 AGM-65 IR Maverick AGM-154 JSOW CBU 20mm Cannon	No	Yes	Yes	Laser	FLIR Radar	UHF/VHF
F-16 C/D & C/J	USAF	GBU ⁶ GP Bombs AGM-65 IR & Laser Maverick AGM-154 JSOW CBU AGM-88 HARM ⁷ 20mm Cannon	Yes	Yes ⁸	Yes ⁹	Laser Rockets	LATRIN NVG Radar	UHF/VHF

Aircraft	Service	Ordnance	Laser Tracker	Laser Designator	GPS	Marking Capability	Other Systems	Comm
F/A-18 A/C/D	USN A/C USMC A/C/D	GBU GP Bombs AGM-65 IR ¹⁰ & Laser Maverick AGM-154 JSOW ¹⁰ CBU-99 GBU-31 JDAM ¹¹ 2.75"/5.0" Rockets AGM-88 HARM Aerial Mines 20mm Cannon LUU-2 Flares LUU-19 Flares AGM-84D Harpoon	Yes	Yes	Yes	IR Pointer Laser Rockets	FLIR NVG Radar	UHF/VHF
S-3B	USN	GP Bombs CBU 2.75"/5.0" Rockets Aerial Mines LUU-2 Flares AGM-84D Harpoon	No	No	No	Rockets	FLIR Radar	UHF/VHF
UH-1N	USMC	7.62mm MG 50cal MG 2.75" Rockets	No	No	Yes	IR Pointer Rockets	FLIR LRF NVG	UHF/VHF
AH-1F	USA	BGM-71 TOW 2.75" Rockets 20mm Cannon	No	No	No	Rockets	NVG	UHF/VHF
AH-1W	USMC	BGM-71 TOW GM-114 Hellfire 2.75"/5.0" Rockets 20mm Cannon LUU-2 Flares	No	Yes ¹²	Yes	IR Pointer Laser Rockets	CCDTV FLIR NVG	UHF/VHF
AH-64 A/D	USA	AGM-114 Hellfire 2.75" Rockets 30mm Cannon	Yes	Yes ¹³	Yes	Laser Rockets	DTV FLIR IDM NVG Radar	UHF/VHF
OH-58D	USA	AGM-114 Hellfire	Yes	Yes	No	Laser Rockets	FLIR NVG TVS	UHF/VHF HF

¹ Though these aircraft can carry and release GBUs, only AV-8Bs with Litening II have an onboard designation capability for terminal guidance.

² Only AV-8B night attack have this capability.

³ Only AV-8B with Litening II capability.

⁴ Only AV-8B with radar upgrade have this capability.

⁵ AC-130H can only designate laser code 1688.

⁶ F-16 without LANTIRN capability require off-board designation for terminal guidance.

⁷ Only F-16 w/HTS (HARM targeting system).

⁸ Only F-16 w/LANTIRN capability.

⁹ GPS on some aircraft (Blocks 40/41; 50/52).

¹⁰ Only FA-18 Lot 11 and above have this capability.

¹¹ Some FA-18 Lot 16 and all FA-18 Lot 17 and above have this capability.

¹² AH-1W can designate codes 1111-1788, but has maximum effectiveness from 1111-1488.

¹³ AH-64s can not designate codes 1711 to 1788.