

December 2017 Fleet Upgrade & Replace Catalog

Scout:: F-22 Raptor aircraft equip w/ Joint Direct Attack Munitions [JDAM], SDBs & AMRAAMS Advanced Medium-Range Air-to-Air Missile AMRAAMS]

National Defense: DDG destroyers equip w/ 5-inch deck guns fire multi-mode air/missile defense hypervelocity gun weapon system, [HGWS]

Military Times: C130-J Ghost rider aircraft equip w/ wing-mounted GBU-39 Small Diameter Bombs, AGM-176 Griffin laser-guided missiles & 30mm cannon

War Zone: MQ-1 Predator UAS equip w/ AGM-114 Hellfire missiles, precision guided bombs pylons & electro-optical/IR cameras in turret under nose

Breaking Defense: LCS equip w/ Over-The-Horizon Missile, Longbow Hellfire missile launcher, 57mm gun,, Variable Depth Sonar & COMBATSS-21

LPD-27 amphib transport ship equip w/ Mk 31 launcher for RIM-116 Rolling Airframe Missile & 30mm Bushmaster II chain guns

USNI: DDG-1000 destroyer equip w/ Mk 54 vertical launch system for Tomahawk Land Attack Missile, SM-2 & anti-air Evolved SeaSparrow Missile

IHS4: AH-6 helicopters equip w/GAU-19B 12.7mm Gatling guns, AN/APR-39 radar warning receiver CM & alternate EO/IR sensors to MX-10/15Di

IHS4: AH-6 helicopters equip w/ Advanced Precision Kill Weapon System [APKWS] II guided rockets & AGM-114 Hellfire air-to-surface missiles

IHS4: AH-6 helicopters equip w/ M260 Hydra 70 mm unguided rockets, AN/AVS-6 night-vision goggles, M134D 7.62 mm Mini Guns &. EO/IR sensors

Warrior Maven: B-2 aircraft equip w/ Joint Air-to-Surface Standoff Missiles, Joint Direct Attack Munitions [JDAM] & GBU 28 bunker busters

Warrior Maven: B-2 aircraft equip w/ inertial navigation unit Mod 12 tail kit & Long Range Stand-Off weapon air-launched guided cruise missile

Defence Talk: AH-64E Helicopters equip w/ Designation Sights [MTADS]/AN/AAR-11 Modernised Pilot Night Vision Sensors [PNVS] & Multi-Mode Receiver

Defence Talk: AH-64E Helicopters equip w/ AN/APG-78 Fire Control Radar [FCR] & AN/APR-48B Modernised Radar Frequency Interferometers [MRF]

USNI: DDG-51 destroyers equip w/ Surface Navy Laser Weapon Systems [SNLWS] feature Optical Dazzling Interdictor [ODIN] counter UAVa & ISR

Maven: F/A-18 aircraft equip w/ APG-79 Active Electronic Scanned Array Radar, LITENING precision target ISR & MIDS - Joint Tactical Radio

Maven: F/A-18 aircraft equip w/ Joint Helmet-Mounted Cueing System [JHMCS], ALR-67v3, ALQ-214v5 & Multifunctional Info Distribution System

Maven: F/A-18 aircraft equip w/ Advanced Targeting FLIR real-time video sharing feature electro-optical & IR- cameras with laser target tech

Business Insider: Type 52B/C/D destroyer equip w/ vertical-launch systems for HHQ-9 surface-to-air missile, YJ-18 anti-ship missiles & 130mm gun

Business Insider: DDG-1000 destroyer equip w/ Mk 57 vertical launch systems feature Tomahawk cruise missiles or RIM-162 Evolved Sea Sparrow Missiles

USNI: FFG[X] equip w/ AN/SLQ-61 light weight tow, AN/SQS-62 variable depth sonar, AN/SQQ-89F anti-sub system & MK 110 57mm gun with ALaMO projectile

USNI: FFG[X] equip w/ SeaRAM anti-ship missile defense system,, Longbow Hellfire surface-to-surface missile & Mk53 decoy launching system

Maven: A-29 Super Tucano aircraft equip w/ 70mm rockets, AGM-65 Maverick air-to-ground missiles, laser rangefinder & laser-guided weapons

Maven: A-29 Super Tucano aircraft equip w/ 20mm cannon, 12.7mm machine gun, 7.62mm M134 Miniguns & AIM-9L Sidewinder air-to-air missile

IHS4: AW159 Lynx Wildcat helicopter equip w/ Sea Venom anti-ship missiles & Lightweight Future Anti-Surface Guided Weapon multi-role missile

IHS4: F/A-18A-D aircraft equip w/ Advanced Precision Kill Weapon System II [APKWS II] loaded on LAU-131 A/A pods integrate DASALS & Mk 152 warheads

Business Insider: B-52 aircraft equip w/ Joint Air-to-Surface Standoff Missile Extended Range [JASSM-ER] & Miniature Air Launched Decoy [MALD]

Business Insider: B-52 aircraft equip w/ laser-guided precision-guided Joint Direct Attack Munitions [JDAM] feature Common Strategic Rotary Launchers

Military News: MUX UAV equip w/ AGM-114 Hellfire air-to-surface missiles; AIM-9X air-to-air missiles & expendable early warning/electronic UAV

Military News: MUX UAV equip w/ APKWS laser-guided rocket, AIM-120 Advanced

Medium-Range Air-to-Air Missile [AMRAAM] & small-diameter bombs

Stryker ground combat vehicles equip w/ Stinger/Longbow Hellfire missiles, M230 chain gun & 7.62mm coaxial machine gun direct fire

IHS4: F/A-18E/F Super Hornet aircraft equip w/ infrared search and track [IRST] & Integrated Defensive Electronic Counter Measures [IDECM]

IHS4: F/A-18E/F Super Hornet aircraft equip w/ AN/APG-79 active electronic scan array [AESA] radar & large area display [LAD] glass' cockpit

November 2017 Fleet Type Upgrade/Replace Catalog

Business Insider: FFG[X] frigate equip w/ sonar, over-the-horizon anti-sub missile & surface-surface 30 mm gun, closer-in Hellfire missiles

Business Insider: A-29 Super Tucano turboprop aircraft equip w/ 20mm cannon below fuselage, 12.7mm machine gun under wings & 7.62mm M134 Miniguns

Business Insider: A-29 Super Tucano turboprop aircraft equip w/ 70mm rockets, AIM-9L Sidewinder air-to-air missiles & AGM-65 Maverick missiles

Business Insider: Scorpion aircraft equip w/ Advanced Precision Kill Weapon System rockets, AGM-114F Hellfire missile & MX-15Di sensor suite

Unmanned Systems Tech: MQ-9 Predator UAS equip w/ Lynx Multi-mode Radar feature Maritime Wide-area Search [MWAS] mode detect surface targets

Unmanned Systems Tech: MQ-9 Predator UAS equip w/ Inverse Synthetic Aperture Radar [ISAR] & Electro-optical/Infrared [EO/IR] high-def FMV camera

IHS4: IL-76 transport aircraft equip w/ electro-optical [EO] sensor, directable IR countermeasure [DIRCM] & UV missile approach warning

Marine Corps Times: C-130 J aircraft transports anti-ship vehicle-mounted light artillery, high-mobility rocket launcher system [HIMARS]

DID: Light Armored Vehicle Anti-Tank [LAV-AT] equip w/ pop-up M901 turret & BGM-71 TOW [Tube-launch, Optical Wire guide] anti-armor missiles

Flight Global: F-16IQ Block 52 aircraft equip w/ DB-110 recon pods, precision-guided Paveway munitions & AIM-7 Sparrow radar-guided missiles

Flight Global: F-16IQ Block 52 aircraft equip w/ AIM-9L/M heat-seeking air-air missiles, AGM-65 Maverick missiles & AAQ-33 Sniper target pod

Military Tech: F-16 C/D Block 52 aircraft upgrades feature improved cockpit avionics, BVR radars, AIM-7 & AIM-120 air-to-air missiles

USNI: F-35 Joint Strike Fighter Block 2B equip w/ AIM-120 advanced medium range air-to-air missiles [AMRAAM], GBU-12 & GBU-32 munitions

IHS4: SH-2G[I] Super Seasprite helicopter equip w/ Penguin Mk 2 Mod 7 anti-ship missiles replace AGM-65D Maverick air-to-surface missiles

Defence Talk: Eurofighter Typhoon Aircraft equip w/ Meteor Beyond Visual Range Air-to-Air Missile [BVRAAM] & Multifunction Distribute [MIDS]

USNI: MQ-8C Fire Scout aircraft equip w/ RDR-1700B radar for surface search, inverse & synthetic aperture radar modes & forward-fire LAU-153

Military Tech: F-16A/B aircraft equip w/ AIM-7M Sparrow, AIM-9M & P4 Sidewinder, AGM-65 Maverick missiles & AN/APG-66[V]3 fire control radar

Military Tech: AH-1S Cobra attack helicopters equip w/ AAR-47 missile warning system, HFI & AN/ALE-47 countermeasure dispenser system [CMDS]

Military Tech: Phalanx 1B CIWS equip w/ rapid-fire radar, 20mm Gatling gun system & side-mounted forward looking infra-red camera [FLIR]

DID: RQ-1 Predator XP UAV replaces Multi-Spectral Targeting System turrets w/ FLIR Systems Star SAFIRE 380-HD & Lynx ground-looking radar

October 2017 Fleet Type Upgrade/Replace Catalog

Air Force Times: C-130J Ghost Rider aircraft equip w/ 30mm/105mm cannons, AFG-176A Griffin/Hellfire missiles & GBU-39 small diameter bombs

Scout: LHA Amphib Assault Ship equip w/ Rolling Aircraft Missile RIM-116 Mk 49 launch, 20mm Phalanx CIWS mounts & twin .50 cal. machine guns

Scout: F-22 Raptor aircraft equip w/ 20mm cannon, air-air and air-ground weapons include precision-guide GBU 32/39 JDAMs & AIM-9 Sidewinder

Scout: F-22 Raptor aircraft equip w/ AIM-120D beyond visual range Medium-Range Air-Air Missile (AMRAAM) feature active transmit radar guide

IHS4: F/A-18 Super Hornet aircraft equip w/ AGM-154C-1 Joint Standoff Weapon [JSOW C-1] air-surface missile feature terminal imaging IR seek

IHS4: EA-18G Growler aircraft equip w/ AGM-88E Advanced Anti-Radiation Air-Ground Missile [AARGM] & AN/ALQ-227[V]1 support intercept & jam

IHS4: EA-18G Growler aircraft equip w/ AGM-88B High-Speed Anti-Radiation Missile [HARM] & AN/ALQ-218 wideband receiver radar emit targets

IHS4: EA-18G Growler aircraft equip w/ AN/ALQ-99 Tactical Jam Systems [TJS] & AIM-120 Advanced Medium-Range Air-Air Missile [AMRAAM]

IHS4: EA-18G Growler aircraft equip w/ AN/ASQ-228 Advanced Targeting Forward Looking IR [ATFLIR] system & AIM-9X Sidewinder missiles

Scout: FFG[X] future frigate equip w/ over-the-horizon missile, surface-to-surface weapons to include 30mm gun & close-in Hellfire missiles

Scout: FFG[X] future frigate equip w/ SeaRAM defense, anti-submarine surface tech sonar & VLS fire long-range Tomahawk or SM-6 missiles

USNI: J-20 aircraft equip w internal long-range air-air missile, precision air-surface missile, AESA radar & electro-optical target sensor

Scout: B-21 Raider Stealth Bomber equip w/ Long-Range Stand-Off [LRSO] & JASSM-ER cruise missiles & GBU-31 Joint Directed Attack Munition

Business Insider: F-35 aircraft equip w/ Small Diameter Bomb [SDB} II feature “tri-mode” seeker direct using mm wave radar & IR guidance

DID: AH-64D Apache Longbow helicopters equip w/ AGM-114K Hellfire II missile feature shaped-charge HEAT [High Explosive Anti-Tank] munition

Scout: B-52 aircraft equip w/ Internal Weapons Bay Upgrade [IWBU] feature JDAMs, Joint Air-to-Surface Standoff Missiles [JASSM] & MALD-J jam

IHS4: Eurofighter Typhoon aircraft equip w/ Euroradar Captor electronically scanned [E-Scan] radar & T/R M [transmit/receive module] tech

Flight Global: MC-27J gunship aircraft equip w/ side-mounted GAU-23 30mm cannon & L-3 MX-15Di electro-optical sensor on nose-mounted turret

HeliHub: Future Vertical Lift [FVL] utility & attack rotorcraft equip w/ counter-rotating coaxial main rotors & fly-by-wire system

Flight Global: F-16 & Tornado aircraft equip w/ long-range SAR radar integrated into DB-110 electro-optical & infrared [EO/IR] sensors

Military Tech: LHD equip w/ 20mm automated guns, 12.7mm machine guns, anti-torpedo towed defence system & active-missile decoy system

Military Tech: E-2D Advanced Hawkeye aircraft used on aircraft carriers equip w/ AN/APY-9 solid-state, electronically-steered UHF radar

Defense Tech: DDG-70 Destroyer detect missile target w/ Aegis Weapon System & X-band AN/SPY-1 radar integrate w/ GMD fire-control system

Defense News: JF-17 aircraft equip w/ NRIET KLJ-7 radar support SD-10 beyond-visual-range air-air missile & short-range air-air PL-5E II

Defence Talk: Apache AH-64D helicopter acquire target for Long Range Surveillance & Attack Vehicle [LRSAV] equip w/ HELLFIRE & DAGR missiles

IHS4: KC-130J Hercules equip w/ HAWK mission package & AGM-114P Hellfire laser guide & Griffin A air-to-surface missiles, Mk 44 30 mm cannon

Military Tech: Phalanx Block 1B CIWS equip w/ Forward-looking infrared sensor [FLIR] against helicopters & high-speed surface vessels

IHS4: F-16 aircraft equip w/ AN/APG-68 (V) fire control radar, AN/ALQ-213 Electronics, ALR-69 Class IV Radar Detect & ALE-47 Countermeasures

USNI: Flight III DDG-51 Destroyer Integrate Fire Control-Counter Air [NIFC-CA] capable, Air & Missile Defense Radar [AMDR] replace SPY-1D

IHS4: F-16 Fighting Falcon aircraft equip w/ AASM Hammer SBU-38 precision guided [PGM], SBU-54 & SBU-64 guidance kit fit to 250kg munitions

Defense Tech: MQ-8B Fire Scout UAS equip w/ laser-guided 2.75 inch APKS folding-fin rockets, Cobra sensors & Electro-optical IR visuals

ISH4: Wildcat HMA2 helicopter equip w/ SeaVenom missiles, active laser guide, L-3 MX-15Di EO/IR nose turret for laser beam-riding guidance

Flight Global: Advanced Precision Kill Weapon System [APKWS] precision-guided rocket on UH-1Y Venom, AH-1W Cobra & AH-64 Apache helicopters

September 2017 Fleet Type Upgrade/Replace Catalog

USNI: F/A-18E/F Super Hornet aircraft equip w/ M61A2 20MM gun systems & AN/ALR-67[V]3 Electronic Warfare Countermeasures Receiving Sets

USNI: F/A-18E/F Super Hornet aircraft equip w/ AIM-9X-2 Sidewinder Block II Tactical/Captive Air Training Missiles & CATM Guidance Units

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/APX-111 Combined Interrogator Transponder, AN/ALE-55 Towed Decoys & auxiliary fuel tanks

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/ALE-47 Electronic Warfare Countermeasures Systems & AN/ARC-210 Communication System

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/AYK-29 Distributed Target System [DTS] & AN/AYK-29 Distributed Target Processor [DTP]

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/ALQ-214 Integrated Countermeasures Systems & LAU-127E/A and/or F/A Guided Missile Launcher

USNI: F/A-18E/F Super Hornet aircraft equip w/ Multi-functional Information Distribution Systems–Joint Tactical Radio System [MIDS-JTRS]

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/AAQ-33 Sniper Advanced Targeting Pods & Joint Helmet Mounted Cueing Systems [JHMCS]

USNI: F/A-18E/F Super Hornet aircraft equip w/ AN/APG-79 Active Electronically Scanned Array [AESA] radars & AN/AVS-9 Night Vision Goggles

DoD Buzz: AC-130J Ghost Rider aircraft equip w/ electro-optical/infrared sensors, advanced fire control equipment, PGMs & 30mm/105mm weapons

Business Insider: S-97 Raider Helicopter equip w/ AGM-114 Hellfire missiles, Hydra 2.75-inch rockets & 7.62mm or .50-caliber machine guns

Scout: F/A-18 aircraft equip w/ Maverick air-to-ground missiles feature semi-Active Laser E2 seeker replace AGM-65A/B Guide/Control Section

Defense News: J-20 aircraft equip w/ sensor fusion, beyond visual range air-air missiles & fuselage side-mount short-range air-air missile

Popular Mechanics: D3000 stealthy robotic trimaran warship equip w/ Type 730 Gatling cannons, anti-ship missile launch & underwater drones

Helihub: AH-64E Apache helicopter equip w/ TALON Laser-guided Rocket [LGR] integrate to front of legacy 2.75-inch Hydra-70 unguided rockets

USNI: F-15SG aircraft equip w/ GBU-10/12 Paveway II LGB & GBU-31/38/54 Joint Direct Attack Munitions [JDAM] & AGM-154 Joint Stand-Off Weapon

USNI: F-15SG equip w/ AN/APG-63[v]3 Active Electronically Scanned Radar, AIM-9X Sidewinder & AIM-120C Advanced Medium Range Air-Air Missile

Defence Talk: Rolling Airframe Missile system [RAM] equip w/ auto dual-mode, passive radio freq & IR guide for missile & helicopter threats

Military Tech: 3D expeditionary long-range radar [3DELRR] replace AN/TPS-75 passive electronically scan array for aircraft & missile track

Military Tech: Advanced anti-radiation guided missiles [AARGM] install on F-35 Lightning, EA-6B Prowler FA-18 Hornets --replace AGM-88 HARM

Military Tech: P-8A Poseidon aircraft equip w/ AN/APY-10 synthetic aperture radar [SAR] & MX-20HD electro-optical & infrared sensor turrets

IHS4: Type 23 frigates equip w/ Harpoon heavyweight surface-surface-guided [SSG] missile w/ inertial guidance & active radar homing for ASuW

Military Tech: Queen Elizabeth Carrier equip w/ air wing, AW101 Merlin HM2 multi-role rotorcraft & Merlin HC4 amphibious support helicopters

IHS4: Z-18F ASW helicopter equip w/ dipping sonar, WZ-6 engine, sonobuoys, Yu-7 lightweight torpedoes & chin-mount surface search radar

August 2017 Fleet Type & Size Upgrade/Replace Catalog

Business Insider: F-22 aircraft equip w/ 20mm cannon, GBU32/39 Joint Direct Attack Munitions, AIM-120 AMRAAMs & AIM-9 Sidewinder missiles

Business Insider: A-10 aircraft equip w/ AGM-65 Maverick missiles, AIM-9 Sidewinder missiles, illumination flares, jammer pods & CM protect

IHS4: J-10B aircraft equip w/ YJ-91 anti-radiation missiles [ARM] feature fuselage pylon mounted guidance pod & ESM/ECM support measures

Air Force Tech: MH-47G Chinook Helicopter equip w/ M240 7.62mm belt-fed machine guns, common missile warn system [CMWS] & radio frequency CM

Air Force Tech: MH-47G Chinook Helicopter equip w/ M134 7.62mm electrical operated, air-cooled mini guns, XM216 dark flares & laser warning

Real Clear Defense: MQ-9 Reaper UAS aircraft equip w/ AGM-114 Hellfire missiles, GBU-12 Paveway II & GBU-38 Joint Direct Attack Munitions

Real Clear Defense: Stryker combat vehicle equip w/ CROWS-J remote turret feature FGM-148 Javelin anti-tank missiles & Dragoon 30mm cannon

Navy Times: MQ-8B Fire Scout unmanned helicopter equip w/ AN/ZPY-4[V]1 multi-mode radar & FLIR Systems Brite Star II day-and-night EO turret

Scout: F-22 equip w/ AIM-120D Advanced Medium-Range Air-Air Missile [AMRAAM] feature active transmit radar guidance & inertial measure unit

UK Defence Journal: Type 26 frigate equip w/ Maritime Indirect Fires System [MIFS] feature 5-inch, 62-caliber Mk 45 Mod 4 Naval Gun System

IHS4: Il-22P signals intelligence [SIGINT] and stand-off-jamming aircraft equip w/ 26 mm UV-26M chaff/flare launchers & 50 mm launchers

IHS4: Il-22P signals intelligence [SIGINT] and stand-off-jamming aircraft equip w/ L-415 electronic countermeasures [ECM] system antennas

Business Insider: Su-30SM1 Flanker aircraft equip w/ X-59MK2 air-surface missiles & R-27/77/73 heat-seeking/radar homing air-air missiles

Defense News: Multi-purpose destroyers equip w/ canister-launch anti-ship missiles & SeaRAM system feature RIM-116 Rolling Airframe Missile

Defense News: Multi-purpose destroyers equip w/ 5-inch 62-caliber Mk.45 Mod 4 gun, Vertical Launch Cells & towed array/variable depth sonar

Military Tech: UH-60M Black Hawk helicopter equip w/ common IR countermeasures [CIRCM] guard vs. man-portable air-defence systems [MANPADS]

Defense News: F-22 Raptor aircraft equip w/ AIM-120 medium-range, air-to-air missiles, GBU-32 JDAM, internal 20mm gun & AIM-9 Sidewinders

Flight Global: ICH-47F Chinook helicopter equip w/ ballistic protection & engine infrared suppressors, lateral 7.62mm & rear 12.7mm gun

Flight Global: ICH-47F Chinook helicopter equip w/ MX-15HDi electro-optical/infrared sensor, laser warning systems, chaff & flare dispensers

IHS4: MH-47G Chinook helicopter equip w/ aerial refuelling system, digital advanced flight control [DAFC] & electronic warfare capabilities

Military Tech: F-16 aircraft equip w/ AN/ALQ-211[V]9 self-contained integrated electronic countermeasures & radar warning receiver system

Defcon: AH-64D/E Apache helicopter equip w/ M260/261 launch Talon Rockets, bridges unguided rockets & guided, heavy anti-tank missile gap

Flight Global: Typhoon aircraft equip w/ Active electronic scanned array radar [AESA], Storm Shadow cruise missile & Brimstone 2 munitions

Military Tech: UH-60M Black Hawk helicopter equip w/ common IR countermeasures [CIRCM] guard vs. man-portable air-defence systems [MANPADS]

July 2017 Fleet Upgrade & Replacement Catalog

Military News: B-1 aircraft equip w/ GM-158C Long Range Anti-Ship Missile [LRASM], AGM-158A Joint Air-Surface Standoff Missile & GBU-54 JDAM

Scout: F-22 aircraft equip w/ Synthetic Aperture Radar, 20mm cannon, air-air AIM-120 AMRAAMs & AIM-9 Sidewinders & GBU32/39 air-ground JDAMs

Military Tech: C-130J Super Hercules transport aircraft equip w/ DIRCM countermeasures dispense & AAR-60 IR guided missile warning system

Military Tech: C-130J Super Hercules transport aircraft equip w/ 30mm GAU-23 auto cannon & AGM-114 Hellfire air-to-surface missiles strike

Military Tech: C-130J Super Hercules transport aircraft cockpit equip w/ collision avoid [GCAS-TCAS] & night vision goggle head-up display

Military Tech: C-130J Super Hercules transport aircraft perform close air support [CAS] & helicopter/fighter /vertical lift aerial refuel

Military Tech: C-130J Super Hercules transport aircraft perform ISR, high/low-altitude air drop, recovery, infiltration & resupply missions

Scout: Scorpion aircraft equip w/ Advanced Precision Kill Weapon System [APKWS] rockets, AGM-114F Hellfire missiles & MX-15Di sensor suite

Scout: A-29 Super Tucano light attack aircraft equip w/ AIM-9L Sidewinder air-to-air missiles, AGM-65 Maverick air-to-ground & laser weapons

Scout: A-29 Super Tucano light attack aircraft equip w/ 20mm cannon, 12.7mm machine gun, 7.62mm M134 Miniguns, 70mm rockets & laser weapons

IHS4: J-10C aircraft equip w/ PL-15 beyond-visual-range air-air missile [BVRAAM] fit with low aspect ratio aerodynamic stabilising surfaces

Scout: High-speed, long-range rail-gun Hypervelocity Projectile [HPV] fired from deck-mounted 5-inch guns destroy drones & incoming missiles

Real Clear Defense: LHA-6 amphib assault equip w/ MH-60S Knighthawk helicopter fire AGM-114N Hellfire missile designate by MQ-8B Fire Scout

SDI: MRAP All-Terrain Vehicles equip w/ counter-unmanned aerial system [C-UAS] feature reconfigured RIWP turret & mast-mount recon SABRE

Navy Times: M240 & M-16 machine gun equip w/ next-generation night vision monocular [ENVG-III] & Family of Weapon Sights-Individual [FWS-I]

Scout: F-22 Raptor aircraft equip w/ AIM-120D beyond visual range Advanced Medium-Range Air-to-Air Missile [AMRAAM], 20 mm cannon & JDAMs

Defence Talk: Surface ships equip w/ Long Range Anti-Ship Missile [LRASM] & Mk-114 booster ejected by Mk-41 Vertical Launch System [VLS]

Defence Talk: Typhoon aircraft equip w/ Meteor 'beyond visual range' air-to-air capability utilise active radar multi shot guided missile

IHS4: AW159 helicopters equip w/ Seaspray 7000E active electronically scanned array [AESA] radar & lightweight K745 Blue Shark torpedoes

IHS4: AW159 helicopters equip w/ FLASH Sonics low-frequency, long-range dipping sonar system & depth charges for anti-submarine operations

Military Tech: Talon remote-rocket weapon system [RRWS] sensor w/ LAU-68 launch uses digital semi-active laser tech for 2.75in/70mm rockets

Defcon: LCS equip w/ TRS-4D Active Electronically Scanned Array [AESA] radar to detect smaller targets for increased ship reaction time

Flight Global: Super Heron UAV equip w/ ELM-2022ES Active electronic scanned array [AESA] radar & ELM-2022ML mechanical antenna array radar

Navy: DDG1000 Destroyer equip w/ Peripheral Vertical Launch [PVLS] for missile systems: Evolved Sea Sparrow [ESSM], Standard [SM] & Tomahawk

Defense News: Typhoon aircraft equip w/ Brimstone 2 ground attack missile, Paveway IV precision guided munitions & Litening III targeting pod

Military Tech: F/A-18, F-16 jets equip w/ forward-firing, precision-guided, close-air support Maverick missiles for land & sea targets

Military Tech: F/A-18A/B fighter jet equip w/ AGM-158 joint air-to-surface standoff missile [JASSM] feature IR seeker & dual-mode penetrator

HeliHub: AH-64E Apache helicopters equip w/ M-TADS/PNVIS electro-optical fire control, T700-GE-701D engines, rotor blade tech & electronics

IHS4: Rafale M carrier-borne fighter aircraft equip w/ RBE2 AESA radar, recon/target pods, AM39 anti-ship missile & SCALP EG cruise missile

Military Tech: P-3B aircraft equip w/ T56-A-14 engines, infrared & long-range electro-optical cameras & imaging radar for ISR, sub detect

Military Tech: F/A-18, F-35 jets equip w/ AIM-132 high-speed, heat-seeking, infrared seeker advanced short-range air-to-air missile [ASRAAM]

Military Tech: Type 23 Duke ship equip w/ radar target tech, 3D radar for air defence, anti-ship ops & DNA[2] command system, 4.5 inch gun

June 2017 Fleet Upgrade & Replacement Catalog

Popular Mechanics: MV-22 Osprey aircraft equip w/ ramp-mounted M240 7.62mm machine gun & IDWS feature GAU-17/A 7.62mm six barrel gatling gun

Scout: F-22 aircraft equip w/ Synthetic Aperture Radar [SAR] & AIM-120D Beyond Visual Range Advanced Medium-Range Air-Air Missile [AMRAAM]

Defense Systems: F-16 aircraft equip w/ Sniper Advanced Targeting Pod [ATP] makes up low altitude night time navigation/target IR [LANTIRN]

Defence Talk: F-16 aircraft equip w/ APG-83 Scalable Agile Beam Radar [SABR] as active electronic scan array [AESA] feature high-res target

Defense News: C-130J Super Hercules equip w/ 30mm gun, Hellfire missile, directed infrared countermeasures & electro-optical/infrared sensor

Defense Systems: F/A-18 E/F Super Hornet aircraft equip w/ Infrared Search/Track [IRST] sense electromagnetic & thermal energy signatures

Defense Systems: Sea-based X-band phased array radar [SXR] perform cued search, precision track, object discrimination & missile assessment

Business Insider: MQ-9 Reaper drone equip w/ AGM-114 Hellfire missile, laser-guided GBU-12 Paveway II & GBU-38 Joint Direct Attack Munitions

Real Clear Defense: DDG-51 destroyers equip w/ Aegis Combat System feature Close-In Weapon System [CIWS] & Tomahawk land-attack missiles

Real Clear Defense: DDG-51 destroyers equip w/ Aegis Combat System feature Standard Missile-2/6 & Evolved Sea Sparrow Missile [ESSM] defense

Scout: LHA America Amphibs equip w/ Rolling Aircraft Missile RIM-116 Mk 49 launchers, 20mm Phalanx CIWS mounts & twin .50 cal. machine guns

Scout: LHA Amphibs carry High Mobility Multi-purpose Wheeled Vehicle [HMMW], Light Armoured Vehicles & Internal Transport Vehicles [ITV]

Scout: LHA Amphibs carry MV-22 Ospreys, CH-53 Super Stallions, AH-1Z Super Cobras, UH-1Y Hueys, F-35B STOVL & MH-60 Sea Hawk helicopters

Defense News: DDG-51 destroyers equip w/ Vulcano munition guide by movable fins & laser infrared systems fire from Advanced Gun System [AGS]

Defense Systems: F-35 aircraft equip w/ sensor fusion, Distributed Aperture System, Electro-optical Target System & AIM-9X air-air missile

Defense News: Type 055 guided missile destroyer equip w/ bow-mounted sonar. surface-air VLS, anti-ship missiles & 130mm dual-purpose gun

IHS4: Leopard 2A4 main battle tanks [MBT] equip w/ thermal image sensors, day/night charge-coupled device [CCD] cameras & laser rangefinders

Real Clear Defense: Light Armoured Anti-Tank Vehicles [LAV-ATM] equip w/ rocket launcher feature Modified Target Acquisition [MTAS] turret

Military .com: LCS equip w/ rigid inflatable boats, 30mm guns, MH-60R helicopters, MQ-8B Fire Scout aircraft, helicopter-like VTOL drone

Military Tech: F-16 aircraft equip w/ passive image sensor AAR-60[V]2 missile launch detection system [MILDS F] indicates arrival direction

USNI: AV-8B Harrier jets equip w/ Tactical Target Network Tech high-speed data-link, AIM-120C/D AMRAAM & AIM-9X Block II air-to-air missiles

USNI: AV-8B Harrier jets equip w/ fourth gen Litening pod, self-designate AGM-65E missiles & GBU-54 Laser Joint Direct Attack Munitions

USNI: AV-8B Harrier jets equip w/ ALE-47 V2 countermeasure dispenser, ALR-67 radar warning receiver & ALQ-164 electronic countermeasure pods

Military Tech: DDG-51 Destroyer equip w/ vertical launch, SH-60 helicopters, anti-air missiles & Tomahawk anti-ship, land-attack missiles

May 2017 Fleet Upgrade & Replacement Catalog

Defense Systems: Sea Hunter Medium Displacement Unmanned Surface Vehicle [MDUSV] equip w/ EO/IR sensor for ISR & anti-submarine payloads

Business Insider: AC-130 aircraft equip w/ 105mm cannon, Hellfire missiles, 30mm Vulcan gun, guided AGM-176A Griffin missiles & GBU-30 bombs

Business Insider: MQ-9 Reaper UAV equip w/ AGM-114 Hellfire missiles, GBU-12 Paveway II bombs & GBU-38 Joint Direct Attack Munition [JDAM]

Defense Systems: MV-22 Osprey aircraft equip w/ Large Aircraft IR Countermeasures [LAIRCM] feature Guardian Laser Turret Assembly [GTA]

Scout: MQ-8B Fire Scout Drone equip w/ COBRA sensor, Bright Star 2 laser EO/IR sensor & laser-guided 2.75 inch, folding-fin APKWS rockets

Defense Systems: F-35 aircraft equip w/ SDB, Joint Direct Attack Munition [JDAM] & AIM-9X short-range heat-seeking infrared air-air missile

IHS4: F/A-18E/F Super Hornet aircraft equip w/ AN/APG-79 active electronically scanned array [AESA] radar, IR search/track [IRST] & IDECM

Scout: AMG-154 Joint Standoff Weapon [JSOW] equip w/ anti-jam tech, radio frequency countermeasures & infrared seeker for terminal guidance

Scout: Joint Stand-off Weapon [JSOW C-1] equip w/ autonomous imaging infrared seeker & Automatic Target Acquisition for terminal guidance

Defense News: LCS equip w/ MQ-8B helicopter feature AN/ZPY-4[V]1 multi-mode radar, FLIR Brite Star II E/O turret w/ laser target designator

Real Clear Defense: MRAP All-Terrain Vehicle [M-ATV] Assault equip w/ 30mm lightweight chain gun, Javelin missile & long-range target sensor

Real Clear Defense: MRAP All-Terrain Vehicle [M-ATV] Assault equip w/ reconfigurable integrated-weapons platform [RIwP] & M249 machine gun

Military Times: A-10 "Warthog" attack plane equip w/ seven-barrel Gatling gun fires 30mm armour-piercing shells & Maverick missiles for CAS

National Interest: Project 877 subs equip w/ MGK400 Shark Gill low-freq active/passive radar, MG519 Mouse Roar high-freq radar & MRK50 radar

Military Tech: V-22 Osprey aircraft equip w/ Griffin B [BGM-176B] forward-firing off-axis missile launch from rotary & fixed-wing aircraft

Flight Global: CH-47D Chinook helicopters equip w/ common missile warning systems, high/very-high/ultra-high frequency radios & transponders

Flight Global: F-16 aircraft equip w/ active electronically scanned array [AESA]
APG-83 scaleable agile beam radar [SABR] replace APG-68

Defense News: F-16 aircraft equip w/ AGM-158 JASSM long-range, semi-autonomous guided, conventional, air-ground, precision standoff missile

Defense News: LCS upgrade w/ over-the-horizon missile, Hellfire missile launchers; Mark 38 25mm guns, Mark 50 30mm guns & torpedo CM system

USNI: LCS upgrade w/ 3D radar, over-the-horizon surface-surface anti-ship missile, multi-function towed array sonar & variable depth sonar

Defense News: LCS upgrade w/ vertical-launch missile systems [VLS], 76mm gun, SM-2 surface-to-air & Harpoon surface-to-surface missiles

Military Tech: LCS upgrade w/ TRS-3D [AN/SPS-75] radar for self-defence gunfire support & helicopter control, locate & track air & sea targets

Defcon: AV-8B Harrier aircraft equip w/ AN/ALQ-231 Intrepid Tiger II pod integrate EW Services Architect [EWSA] for anti-air & escort ops

Military Tech: E-2C/D Hawkeye aircraft equip w/ AN/ASW-25B auto carrier landing system, AN/APN-171[V] radar altimeter & AN/ARC-158 UHF links

Military Tech: E-2C/D Hawkeye aircraft equip w/ APX-122 Mode 5/S interrogators, APX-123 transponders & ALQ-217 electronic support measures

Military Tech: E-2C/D Hawkeye aircraft equip w/ AN/ASN-50 heading & attitude reference system, AN/ARA-50 UHF automatic direction finder

Military Tech: E-2C/D Hawkeye aircraft equip w/ AN/UYQ-70 display system & AN/ASN-92 Carrier aircraft inertial navigation system [CAINS]

Military Tech: E-2C/D Hawkeye aircraft equip w/ AN/APA-171 antenna radome, AN/APS-145 radar for targets & total radiation aperture control

Military Tech E-2D Hawkeye aircraft equip w/ AN/APY-9 radar feature mechanic & electronic scan capable, glass tactical cockpit & ID system

Military Tech: Hydra-70 2.75in/70mm unguided air-to-ground rocket equip w/ Mk66 rocket motor mounted on helicopters for point-detonation

Military Tech: Landing Helicopter Deck [LHD] transport ship equip w/ 20mm & 12.7mm guns, anti-torpedo towed defence & active-missile decoys

Defcon: Next Generation Jammer [NGJ] equip w/ active electronically scanned array [AESA] radar, open scalable receiver & self-powered pod

April 2017 Fleet Upgrade & Replacement Catalog

Defense Systems: DDG 1000 equip w/ AN/SPY-3 radar, Tomahawk missiles, torpedoes, Evolved Sea Sparrow Missile, SM2/3 & SM6 standard missiles

SDI: Lynx Mk 8 helicopter equip w/ Sea Venom/ANL anti-ship missile replace Sea Skua lightweight short-range air-to-surface missile [ASM]

Scout: F-35 aircraft equip w/ AMRAAM [Advanced Medium Range Air-Air Missile], JDAM, GBU-12 munitions & AIM 9X short-range air-air missile

C4ISRNET: Reaper UAS equip w/ radar warning receiver process field signal delivered across Warfighter Survivability Support Portal [AWSSSP]

IHS4: Stand-off high-subsonic air-launched Joint Strike Missile [JSM] feature Autonomous Target Recognition by imaging infrared [IIR] seeker

Scout: B-52 aircraft equip w/ laser-guided JDAM, Joint Air-to-Surface Standoff Missile Extended Range [JASSM-ER] & MALD-J jammer variant

Military Defence: AC-130J Ghost rider aircraft equip w/ new 105mm cannon, AGM-176A Griffin missiles, GBU-30 munitions & pre-exist 30mm cannon

Military News: F-35 equip w/ AIM-120 Advanced Medium-Range Air-Air Missile [AMRAAM], GBU-31 GPS-guided JDAM & GBU-12 laser seeker munition

Defense Systems: Precision Acquisition of Vehicle Entry Phased Array Warning System [PAVE PAWS] improves sub-launch ballistic missile track

Scout: LCS equip w/ SeaRAM combines MK 15 Close-In Weapon System [CIWS] 20mm cannon & MK 31 Rolling Airframe Missile [RAM] launching system

Defense Systems: AN/TPQ-53 radar equip w/ electronically scanned array [AESA] technology to detect impact point of cannon, rocket & UAS fire

Scout: DDG-1000 equip w/ Tomahawk & Evolved Sea Sparrow Missile, SM2, SM3 & SM6 standard missiles & Vertical Launch 14-inch diameter ASROC

Defense Systems: AN/SLQ-32 EW system equip w/ Advanced Offboard Electronic Warfare [AOEW] pod, upgraded electronic signal transmit/reception

Flight Global: Gripen E aircraft equip w/ RBS15F ER sea/land attack missile, Meteor beyond visual-range air-air missile & short-range IRIS-T

IHS4: Type 056A corvette equip w/ 30 mm H/PJ-17 mounts, HQ-10 short-range surface-to-air missiles launch & triple-barrelled torpedo launch

IHS4: Type 056A corvette equip w/ towed & variable depth sonars, standard anti-ship missile launchers & H/PJ-26 single-barrelled 76 mm gun

Flight Global: S-70B optimised for anti-sub duties, w/ L-3 long-range active sonar, torpedoes & AGM-114 Hell Fire air2surface missiles

Defcon: I-Master high-perform radar for Ground Moving Target Indication [GMTI] & Synthetic Aperture Radar (SAR) capable surveillance & detect

Military Tech: OH-1 Ninja Helicopter equip w/ multi-function LCD & head-up display [HUD], Dual Hands-on Collective Stick [HOCAS] & auto-pilot

Military Tech: S-70B w/ Mk46& Mk50 ALT torpedoes equip w/ Hellfire air-to-surface missile engage fast attack craft surface targets

Military Tech: FREMM equipped w/ torpedoes, vertical-launch self-defence missiles & active towed array sonar feature ASW & shore bombardment

Military Tech: Wildcat HMA Mk2 armed w/ Stingray missiles, conducts over-the-horizon targeting for offensive & defensive surface surveillance

March 2017 Fleet Upgrade & Replacement Catalog

Scout: F-35 aircraft equip w/ Electro-Optical Targeting System [EOTS] combines forward-looking IR search/track sensors, SAR, AMRAAM & GMTI

Business Insider: F-22 Raptor aircraft equip w/ AIM-120 beyond-visual-range AMRAAM, AIM-9 Sidewinder air-to-air missiles & 20 mm M61 cannon

Business Insider: F-15 aircraft equip w/ AIM-120 AMRAAM, radar-guided AIM-7 Sparrow, AIM-9 Sidewinder air-to-air missiles & 20 mm M61 cannon

Scout: B-52 aircraft equip w/ laser-guided JDAMs, Joint Air-to-Surface Standoff Missile [JASSM ER] & Mini Air Launch Decoy Jammer [MALD-J]

Scout: Columbia SSBN Sub equip w/ Trident II D5 missiles, fly-by-wire joystick control system & large-aperture bow array sonar hydrophones

Scout: Enhanced Medium Altitude ISR System [EMARSS] equip w/ Vehicle Dismount Exploit Radar [VADER] use SAR & Ground Target Indicate [GMTI]

Defense Systems: F-22 aircraft equip w/ AIM-120D Advanced Air-to-Air [AMRAAM] "fire & forget" missile with active transmit radar guidance

Defense Systems: F-22 aircraft equip w/ AIM-9X Sidewinder missile feature lock-on-after-launch & link support beyond visual range mission

Defense Systems: P-8A Poseidon aircraft equip w/ AN/APY-10 ISR radar, Mk 54 torpedoes, cruise missiles & sonobuoys to locate submarines

SDI: Typhoon aircraft equip w/ AIM-120 Advanced Medium-Range Air-to-Air Missile, Paveway IV laser-guided GPS munitions & Brimstone missile

Defense Systems: EA-18G Growler Electronic Attack aircraft equip w/ wing tip & tail AN/ALQ-99 radar jamming pods & AN/ALQ-218[V]2 receiver

Real Clear Defense: F-22 aircraft equip w/ Advanced Medium-Range Air-to-Air Missile [AMRAAM] & AIM-9X Block II Sidewinder air-to-air missile

IHS4: F-16 Fighting Falcon aircraft equip w/ AESA AN/APG-83 Scalable Agile Beam Radar [SABR] replace mech scan AN/APG-66 & AN/APG-68 radars

Defense Systems: E-2D Hawkeye aircraft equip w/ AN/APY-9 Ultra High Frequency hybrid mechanical/electronic scan radar detect cruise missile

Scout: F/A-18 Super Hornet equip w/ upgrade long-range Infrared Search & Track [IRST] & Naval Integrated Fire Control-Counter Air [NIFC-CA]

Flight Global: P-8A aircraft equip w/ High Altitude Anti-submarine Warfare Capable [HAAWC] integrate GPS & folding wings onto Mk54 torpedo

Military Tech: F-15SA aircraft equip w/ APG-63[v]3 active scanned array radar, digital electronic system [DEWS], AAS-42 IR search & track [IRST]

Military Tech: F-15SA aircraft designed to provide multirole fighter capability to conduct long-range, high-speed interdiction missions w/o escort

Defcon: S-70i Black Hawk helicopter equip w/ digital cockpit& advanced avionics, include dual GPS/INS system w/ digital map for accurate navigate

Military Tech: JSM is long-range anti-surface missile design to integrate w/ F-35 internal weapons bay, enable advanced defence system target

Military Tech: IRIS-T SLS is ground-launched version design for air defence & object protect & provide 360° defence vs. missiles, helicopters& UAVs

Military Tech: IRIS-T air to air missile design to replace AIM-9 Sidewinders to be installed on Gripen, Typhoons, F-16, F/A-18s & Tornados aircraft

Defcon: Hydra-70 rocket composed of MK66 rocket motor& warhead used against point & area targets- mounted on most helicopters& some aircraft.

Military Tech: STUAS provide ISR support for amphib landing helicopter Dock [LHD], landing helicopter assault [LHA] & landing platform dock [LPD]

February 2017 Fleet Upgrade & Replacement Catalog

USNI: KC-130J aircraft equip w/ Harvest Hawk System feature MX-20 sensor, Intrepid Tiger EW pod, Hellfire, Griffin & Viper Strike missiles

Scout: A-10 aircraft equip w/ AGM-65s Maverick missiles, AIM-9 Sidewinder missiles, illumination flares, jammer pods & JDAM GPS munitions

Scout: F-22 aircraft equip w/ 20mm cannon, precision-guided Joint Direct Attack Munitions, SAR mapping, AIM-120 AMRAAMs & AIM-9 Sidewinders

Scout: F-22 aircraft equip w/ AIM-120D beyond visual range Advanced Medium-Range Air-Air Missile [AMRAAM] uses active transmit radar guide

Defense Media Network: Amphibious combat vehicle [ACV 1.1] equip w/ .50-caliber gun turret, 360 camera mount & 'V-over-V' blast protect hull

Navy Lookout: Type 23 Frigates equip w/ Magazine Launch Torpedos [MLTS] fire Stingray anti-sub torpedoes or RUM-139 ASROC rocket torpedo

Navy Lookout: Type 26 Frigates equip w/ Future Cruise & Anti-Ship Weapon [FCASW] replace SCALP/Tomahawk long-range, subsonic cruise missiles

Navy Lookout: Type 26 Frigates equip w/ Mk 41 Vertical Launch System [VLS] cells replace canister-launched anti-ship or land-attack missiles

Scout: B-2 aircraft equip w/ Joint Direct Attack Munition [JDAM], Joint Air-to-Surface Standoff Missiles & bunker buster GBU 28 munitions

Defence Talk: F-16 aircraft equip w/ Miniature Air Launched Decoy-Jammer [MALD-J] feature GAINS II upgrade for mobility in GPS jam scenario

Defense News: Brimstone Missile to replace Hellfire on MQ-9 Reaper remotely piloted air systems [RPAS] w/ WaveRadar & semi-active Laser Guidance

Military Tech: HMS Dragon Type45 Destroyer replace Type42 Frigates w/ SeaViper anti-air missiles, 114mm Mk8 mod 1 medium-calibre & 30mm guns

Flight Global: F-35 basic synthetic aperture radar [SAR] mode of current APG-81 improvement over APG-70 on F-15Es

Defense Leaders: MiG-29Ks & MiG-29KUBs fighters armed w/ R-73s, RVV-AEs & Kh-35Es missiles, KAB 500KR/OD TV guided bombs & S-8KOM rockets

Military Tech: Virginia-class sub equip w/ vertical missile launch & torpedo tubes capacity to launch Tomahawks, mk48 ADCAP torpedoes & harpoon

Military Tech: AN/AAQ-24(v) LAIRCM directed infrared countermeasures system upgrade to NEMESIS defends aircraft from IR-guided missiles

Military Tech: Converted UH-1N Huey helicopters modified to include ILS [Instrument Landing System] & FLIR [Forward Looking Infrared] systems

Military Tech: F-16 fighter jets armed w/ MK-82 inert low-drag general-purpose, GBU-12 inert laser-guided & GBU-38 inert GPS guided bombs

DID: MiG-29 aircraft upgrade to MiG-29SMT include updated radar & missile launch capabilities w/ R-77 air2air & UR Kh-29 air2surface missiles

Popular Mechanics: MQ-4 aircraft modified RQ-4 Global Hawk version w/ radar upgrade & serves as P-3C replacement working w/ P-8 Poseidon

Military Tech: MQ-4C UAS provide signals intelligence [SIGINT], intelligence, surveillance & recon [C4ISR] w/ maritime strike capabilities

Military Tech: Lynx Mk8 helicopter armed w/ SeaSkua missiles & Stingray torpedoes or depth-charges to strike ships, subs & smaller surface targets

Military Tech: F-15SE fighter kits include AIM-120C-7 advanced medium range air-to-air missiles [AMRAAM], AIM-120C-7 guidance sections & JDAM

Defcon: F-35 Block 2B provide basic close air support & fire AMRAAM, JDAM [Joint Direct Attack Munition] or GBU 12 [laser-guided aerial bomb]

January 2017 Fleet Upgrade & Replacement Catalog

Scout Warrior: Reaper UAV equip w/ AGM-114 Hellfire missile, laser-guided GBU-12 Paveway II munitions & Joint Direct Attack Munitions [JDAM]

Naval Tech: V-247 Vigilant Tiltrotor UAS equip w/ EOTS, LiDAR & surface radar modules, sonar buoys, MK-50 torpedo, Hellfire or JAGM missiles

Scout Warrior: J-20 aircraft equip w/ Electro-Optical targeting system,IRST sensor, stealth configuration, AESA radar & PL-15/PL-21 missiles

Scout Warrior: F-22 stealth/supersonic aircraft equip w/ AIM-120 Advanced Medium-Range Air-Air Missile [AMRAAM] & AIM-9X sidewinder missile

Scout Warrior: MH-60 R/S helicopters equip w/ Advanced Offboard Electronic Warfare [AOEW] pod, airborne sensor/links for EW attack potential

USNI: LCS equip w/ MH-60S helicopter carrying Airborne Laser Mine Detect [ALMDS] & Airborne Mine Neutralise [AMNS] & towed AN/AQS-20A sonar

Real Clear Defense: FF4923 frigate equip w/ SeaRAM close-in defense systems, both remote control & manual operated .50 caliber machine guns

Real Clear Defense: FF4923 frigate equip w/ ASROC anti-sub rockets, Harpoon anti-ship missiles, single triple torpedo launcher & 76mm gun

Real Clear Defense: FF4923 frigate equip w/ passive ECM, Mk-4 vertical launchers for Standard SM-2 & RIM-162 Evolved Sea Sparrow Missiles

Real Clear Defense: FF4923 frigate equip w/ 3D rotating phased array radar, EO/IR sensor, hull-mount, towed-array or variable depth sonar

Scout Warrior: Multi-Mission Launcher [MML] fires kinetic energy Mini Hit-to-Kill missile, AIM-9X Sidewinder & AGM-114 Hellfire missile.

Scout Warrior: V-280 Valor aircraft equip w/ 2.75in folding-fin rockets, infrared [IR] heat suppress systems & laser-guided Hellfire missile

Defense Systems: DDG-51 Destroyers equip w/ Multi-Mission Signal Processor [MMSP] & solid-state antenna on AN/SPY-1[V] radar sensor systems

Real Clear Defense: MH-60 Helicopters equip w/ Off-Board Electronic Warfare Active Mission Payload & AN/ALQ-248 pods to jam incoming missile

Scout Warrior: AH-1Z Viper Helicopter equip w/ target sight system, Longbow radar, Hellfire missiles & AIM-9 Sidewinder air-to-air missiles

Defense News: F-16 aircraft equip w/ ALQ-213[V] EW Units, AN/ALQ-184 ECM pods, AIM-9X Sidewinder air-to-air missile & GPS/laser munitions

Defense News: F-16 aircraft equip w/ AN/APG-83 Active Electronic Scan Array [AESA] radar, target pods & dual-mode GPS/laser-guided munitions

Defence Watch: Stryker Ragoon combat vehicle equip w/ 30mm cannon, TOW missiles & ECB2a upgrade feature Javelin launch anti-tank missile

Scout Warrior: F-35 aircraft equip w/ medium range AMRAAR air-to-air Missile, JDADM or GBU Munitions & AIM 9X Sidewinder air-to-air missile

Scout Warrior: Amphibious Combat Vehicle [ACV] equip w/ .50-cal guns, Mk 19 grenade launch & Common Remote Operated Weapons Systems [CROWS]

Scout Warrior: LCS equip w/ seeker aim-point determination, proficiency to include specified fuze effects, fire-control & launch sequencing

Scout Warrior: Joint Light Tactical Vehicle [JLTV] equip w/ 30mm Cannon, .50-cal machine gun, blast-protect & TAK-4i independent suspension

Defense Tech: LCS ASW mission package works w/ Fire Scout UAS & MH-60R airborne torpedoes using Variable Depth Sonar deep water drops

Defense Tech: America-class amphibians upgrade to Wasp-class built for MV-22 Osprey, VTOL Harrier Jet & short take off and landing F-35B variant

Military Tech: SSN 783 submarines feature AN/WLY-1 acoustic countermeasures & AN/BLQ-10 electronic support measures for radar processing

Military Tech: V-22 Osprey features VTOL & STOL capabilities w/ M240G 7.62mm machine gun & ATK AN/AAR-47 missile warning system

Defense Tech: F/A-18 upgrade infrared search and track [IRST] w/ passive forward-looking infrared sensor to locate jets & helicopters

DoD Buzz: F-16 Fighting Falcon upgrade include active electronic scanned array radar, high-resolution display unit & single-point EWC access

Defence Talk: AGM-158B JASSM-ER integrate w/B-1 Lancer, B-2 Spirit, F-15E StrikeEagle, F-16 Falcon, F/A-18E/F SuperHornet & F-35A-C Lightning

Defense Tech: Predator XP drone equip w/ radar & sensors for wide-area surveillance but not laser-guided bombs or air-to-ground missiles

Military Tech: AGM-88 HARM supersonic air-to-surface & AARGM missiles for EA-18G Growler, F/A-18, F/A-18C/D, F/A-18E/F & Tornado ECR aircraft

Military Tech: Lynx Mk88A helicopter upgrade to Super Lynx w/ AN/AQS-18 active dipping sonar, SeaSkua anti-ship missile & Seaspray Mark 3000

Military Tech: RQ-21A STUAS UAV equip w/ Flight Control System & Real Time Kinematic [RTK] Selective Availability Anti-Spoofing Module [SAASM]