



Confederation of Indian Industry



## Defence Sector Updates

### Policy & Announcements

#### Indian Army to Get AK-203, the Latest Derivative of Legendary AK-47 Assault Rifle

Zee News · 3 Mar 2019

Indian government has signed a deal with a Russian firm to manufacture AK-203, which is the latest derivative of the legendary AK-47 assault rifle. As per the deal, the Russian firm will manufacture 750,000 AK-203, which would be given to the infantry troops of the Indian Army. [Read More](#)

#### Army Scouting for Private Firms to Supply Bofors Spares

Defence Aviation Post · 2 Mar 2019

The Army is looking to partner with the private sector to indigenize spares of the original 155mm Boforsartillery guns, which were acquired over 35 years ago. Even as the guns were purchased from Sweden three decades ago, a number of spares are yet to be indigenized, so the supply is not always guaranteed. [Read More](#)

#### DAC Approves Acquisition of Defence Equipment Worth Rs. 2700 Crores

Defence Aviation Post · 27 Feb 2019

The Defence Acquisition Council (DAC) chaired by Raksha Mantri Nirmala Sitharaman accorded approval for acquisition of defence equipment for about Rs 2700 Crores. Approval was granted for procurement of three Cadet Training ships for the Indian Navy, which would be utilised to provide basic sea training for officer cadets including women officer undertrainees. [Read More](#)

### Market Updates

#### PROJECT UPDATES

#### Modi Inaugurates AK-203 Rifle Manufacturing Unit in Amethi

Business Line · 3 Mar 2019

Prime Minister Narendra Modi has inaugurated a manufacturing unit for AK-203 rifles, an India-Russia joint venture, at Ordnance Factory in Amethi. The AK-203 will replace the INSAS rifles being used by the Army and other forces. The immediate target is to produce 7,00,000 AK-203 rifles in the facility. [Read More](#)

#### Nirbhay Missile Will Be Tested with Manik Engine Next

Indian Defence Research Wing · 3 Mar 2019

According to information provided by DRDO, Three Small Turbo Fan Engine (STFE) which is also known as Manik turbofan engine generating 4.25kN Thrust are under fabrication which is likely to be used to power in the upcoming trials of India's sub-sonic Nirbhay cruise missile. [Read More](#)

## Sankhya Infotech Seals Deal with US Defence Major to Train Predator Drone Pilots

Defence Aviation Post · 28 Feb 2019

Sankhya Infotech has announced its collaboration with USA defence major, General AtomicsAeronautical Systems Inc (GA-ASI) to train pilots in operating a fleet of 22 Sea Guardian Predator Drones (MQ-9 Reaper). The armed and remotely piloted aircraft (RPA) are being procured by the Indian government from the US government, to exclusively man its vast coastline. The \$2-3 billion deal is in its finalisation stage. [Read More](#)

## New Airborne Software-Defined Radios Pitched at IAF Requirements

Janes · 27 Feb 2019

Germany's Rohde & Schwarz (R&S) and South Africa's Reutech Communications have taken the opportunity at Aero India 2019 to showcase their latest software-defined radio (SDR) systems. The R&S SOVERON series is a multiplatform, multiband tactical SDR operating in the VHF/UHF (30–512 MHz) frequency band and is based on SCA 2.2.2 architecture. [Read More](#)

## HAL Silent on NUH Developments

Defence Aviation Post · 27 Feb 2019

Although the Indian MoD launching an expression of interest for a JV on the purchase of 111 Naval Utility Helicopters only two weeks ago, Hindustan Aeronautics Limited (HAL) was tight-lipped about the programme, despite demonstrating its Advanced Light Helicopter (ALH) for shipborne-use concept at Aero India 2019. [Read More](#)

## India Likely to Induct Air-Launched BrahMos-A by Early 2020

Bharat Shakti · 27 Feb 2019

The air-launched BrahMos cruise missile developed by the Indo-Russian joint venture (JV) BrahMos Aerospace is likely to be inducted with the Indian Air Force (IAF) in early 2020, a JV official told Jane's during the 20-24 February Aero India 2019 exhibition in Bangalore. [Read More](#)

## Bharat Electronics, Anna Varsity Build Drone with 2 Km Zoom Range

Business Standard · 26 Feb 2019

Bharat Electronics Ltd (BEL) has successfully built a tethered drone in collaboration with Anna University. The unmanned aerial vehicle (UAV) called 'Patang', which means kite in Hindi, has been developed for surveillance and broadcasting and is ready for commercialisation. [Read More](#)

## Global Updates

### BAE Systems Australia Awarded Hawk Contract Extension

Tenders Info · 2 Mar 2019

The Minister for Defence, the Hon Christopher Pyne MP, and the Minister for Defence Industry, the Hon Steven Ciobo MP, announced the signing of a contract extension with BAE Systems Australia for in-service support of Royal Australian Air Force Hawk lead-in-fighter aircraft. [Read More](#)

### Lockheed Martin's F-35C Lightning II Combat Ready

Defense World.Net · 2 Mar 2019

The US Navy has declared F-35C Lightning II as ready for operational use after meeting all the necessary requirements. "The F-35C is ready for operations, ready for combat," US Naval Air Forces commander vice-admiral DeWolfe Miller said. [Read More](#)

### U.S. Missile Defense Agency Awards Lockheed Martin with \$830 Million for THAAD Interceptors

Defence Blog · 2 Mar 2019

Lockheed Martin Corp was awarded an \$830 million modification to an existing contract for Terminal High Altitude Area Defense (THAAD) element development and support services. The modification, announced Thursday by the Department of Defense, it brings the total maximum ceiling value of THAAD weapon system contract from \$1,5 billion to \$2,3 billion. [Read More](#)

## **Boeing Wins \$429 Million U.S. Defense Contract**

Reuters · 1 Mar 2019

Boeing Co has been awarded a \$429 million modification to a previously awarded U.S. defense contract in support of P-8A aircraft to include six for the U.S. Navy, four for New Zealand and six for South Korea. [Read More](#)

## **Thales and Telstra Partner to Manage Drone Filled Skies**

Computer World · 1 Mar 2019

Thales has announced a partnership with Telstra to manage the low altitude airspace used by manned and unmanned aerial vehicles. The two companies revealed they have been working on a prototype “data and communication solution” at the Avalon Airshow in Victoria this week. [Read More](#)

## **Northrop Grumman Delivers 200,000th DSU-33 Sensor Which Provides Air-Burst Detonation**

Defence Blog · 1 Mar 2019

U.S. defense contractor Northrop Grumman has announced the delivery of its 200,000th DSU-33 Proximity Sensor, a technology which provides air-burst detonation of general purpose bombs for United States and allied airmen who rely on it as a force multiplier in combat. [Read More](#)

## **Airbus Targets Special Operations Helicopter Project**

Australian Aviation · 1 Mar 2019

Airbus has delivered the first two of 12 MRH90 helicopters equipped for special operations to the Australian Army's 6th Aviation Regiment, and is looking to expand its support for the Special Forces with a new platform. [Read More](#)

## **USAF Suspends Boeing KC-46A Tanker Deliveries Until FOD is Fixed**

Flight Global · 1 Mar 2019

After foreign object debris, including forgotten tools, were found inside an undisclosed number of Boeing KC-46A Pegasus aircraft delivered to the US Air Force, the service suspended acceptance of the air refueling tankers on 20 February. The USAF says it will not take deliveries again until all production aircraft have been cleared of debris and Boeing has formulated a plan to resolve the issue. [Read More](#)

## **BAE Systems Awarded \$21,8 Million for MK 41 Vertical Launching System**

Defence Blog · 1 Mar 2019

BAE Systems was awarded a modification to previously awarded contract for MK 41 Vertical Launching System. BAE Systems has received an \$21,8 million contract modification to previously awarded contract N00024-13-C-5314 for the procurement of MK 41 Vertical Launching System MK 29 canisters, coding plugs, MK 7 explosive bolts, and MK 236 impulse cartridge assemblies. [Read More](#)

## **Singapore to Order Four F-35s, with Options for Eight**

Flight Global · 1 Mar 2019

Singapore plans to place a firm order for four Lockheed Martin F-35s, with options for an additional eight aircraft. “We have announced our plans to replace our F-16s, which will face obsolescence post 2030, with the F-35s,” said defence minister Ng Eng Hen in a parliamentary speech. [Read More](#)

## **Boeing Unveils Fighter Drone that Could Play Wingman to Manned Jets**

Military.com · 1 Mar 2019

Boeing Co. has unveiled a new concept for an unmanned fighter that would work autonomously alongside fourth- and fifth-generation fighter aircraft. Dubbed the Airpower Teaming System, the drone-jet hybrid would be a multi-mission craft using artificial intelligence to conduct intelligence, surveillance and reconnaissance missions to supply pilots with more information during a conflict, according to the company. [Read More](#)

## US Navy Declares F-35C Stealth Fighter Aircraft Mission-Ready

Naval-Technology · 1 Mar 2019

The US Navy has announced that the F-35C Lightning II Joint Strike Fighter is ready for operational use after meeting all requirements. The F-35C achieved initial operational capability (IOC) after the Navy's first F-35C squadron, Strike Fighter Squadron (VFA) 147, completed aircraft carrier qualifications aboard USS Carl Vinson (CVN 70). [Read More](#)

## Boeing Developing Teaming Drone Demonstrator in Australia

Aerospace Testing International · 1 Mar 2019

Boeing and the Australian Government are developing a concept demonstrator UAV system capable of team working with manned aircraft. The Loyal Wingman – Advanced Development Program will be part of the R&D effort towards producing the Boeing Airpower Teaming System, an unmanned aircraft designed to complement and extend airborne missions through teaming up with existing military aircraft. [Read More](#)

## Raytheon Awarded \$25,2 Million for Procurement of Tomahawk Spares

Defence Blog · 28 Feb 2019

Defense manufacturing giant Raytheon Co. has received a \$25,2 million modification to a previously awarded contract for procurement of Tomahawk cruise missile spares. According to Pentagon, this modification provides for the procurement of Tomahawk Block IV All-Up-Round spares to support the recertification of Tomahawk Missiles. [Read More](#)

## Thales Group Awarded Contract for the Belgian-Dutch Anti-Air Frigates

Navy Recognition · 28 Feb 2019

The Netherlands Defence Materiel Organisation (DMO) and Thales are developing the Above Water Warfare System (AWWS) for the Royal Netherlands Navy, the first implementation of which will take place on the next generation of its multi-purpose frigates. The M-frigates will be replaced in cooperation with the Belgian Navy. [Read More](#)

## Northrop Grumman Signs Triton Industry Deal with Australia

janes's 360 · 28 Feb 2019

Northrop Grumman has signed an agreement with the Australian government, committing the US corporation to expand its engagement with local industry on programmes including the MQ-4C Triton unmanned aerial vehicle (UAV). [Read More](#)

## ELTA to Supply MF-STAR Radars for Israeli Sa'ar 6-class Corvettes

Naval-Technology · 27 Feb 2019

Israel Aerospace Industries' (IAI) subsidiary ELTA Systems has received a contract to supply four ELM-2248 MF-STAR multi-function digital radars for installation on the Israeli Navy's new Sa'ar 6-class corvettes. The radars contract was awarded by the Systems Missiles and Space Group of IAI. The advanced MF-STAR radars, which will be installed on the ship's masts in a new, box-like antenna configuration, are based on the latest active electronically scanned array (AESA) technology. [Read More](#)

## Russia to Upgrade Su-30SM Jets to Su-35 Standard, Offers the Same to Su-30MKI

Defense World.Net · 27 Feb 2019

Russia will upgrade its Su-30SM fighter jets with armaments and on-board equipment from the more powerful Su-35 aircraft and has offered to do the same to the Indian Su-30MKI. The Sukhoi Su-30SM fighter jet will be standardized with the 4++ generation Su-35 fighter by upgrading its onboard equipment and armament to cut its cost price and breathe a new life into the plane. [Read More](#)

## Boeing Awarded \$158 Million to Supply Flight and Weapons Trainers for UK

Defense World.Net · 28 Feb 2019

Boeing is awarded a \$157.7 million contract to procure two operational flight trainers (OFTs), two weapons tactics trainers (WTTs); six brief/debrief stations (BDSs);, to include two OFT BDSs and two WTT BDSs for the government of United Kingdom. The contract also includes procurement of two weapons system trainer BDSs; one part task trainer, ten electronic classrooms, two scenario generation stations, one training system support center, two virtual maintenance trainers and supporting technical data such as software, books and other publications. [Read More](#)

## Dassault Confirms End of Anglo-French UCAV Work

Flight Global · 28 Feb 2019

An Anglo-French project to develop and fly an unmanned combat air vehicle (UCAV) demonstrator has officially ended, with the aircraft having failed to get off the drawing board. BAE Systems and Dassault – as well as engine partners Rolls-Royce and Safran, plus systems specialists Leonardo and Thales – had been working on the project, following the signing of the Lancaster House treaty between France and the UK in 2010. [Read More](#)

## Northrop Grumman to Integrate Advanced Radar System Onto B-52H and B-1B

Defence Blog · 27 Feb 2019

U.S. weapons maker Northrop Grumman Corp reported a successfully integrated the advanced AN/APG-83 Scalable Agile Beam Radar (SABR) system onto multiple configurations of F-16 aircraft and is now taking the next step in expanding to additional platforms, including the U.S. Air Force (USAF) B-52H Stratofortress and B-1B Lancer bombers as well as the U.S. Marine Corps F/A-18C/D Hornet strike fighter. [Read More](#)

## Northrop Grumman, Leonardo to Build Transport Aircraft for New Zealand

UPI · 27 Feb 2019

Northrop Grumman Australia and Leonardo S.p.A. signed a memorandum of understanding calling for joint bidding on contracts pertinent to the C-27J troop transport plane for the Royal New Zealand Air Force. Photo courtesy of Leonardo S.p.A. [Read More](#)

## Airbus Extends Contracts with New Zealand Defence Force

Mirage News · 27 Feb 2019

Airbus Australia Pacific Managing Director Andrew Mathewson confirmed the extension of the organisation's contract with the New Zealand Defence Force for the continued support of their P3K2 and C130H aircraft. [Read More](#)

## BAE Systems Receives IDIQ Contract from US Navy

Bae Systems · 27 Feb 2019

The U.S. Navy has selected BAE Systems to compete for future cyber engineering task orders awarded under a seven and a half-year, indefinite delivery/indefinite quantity (IDIQ) contract. The contract vehicle is intended to be used by naval, joint and national agencies seeking lifecycle service support for command, control, communications, computers, and combat systems. [Read More](#)

## Lockheed Martin Wins \$846 Million US Navy IRCPS Weapon System Modification Contract

Defense World.Net · 27 Feb 2019

Lockheed Martin has won \$846 million modification to a previously awarded contract for the design, development, build and integration of large diameter rocket motors, associated missile body flight articles, and related support equipment for Navy Intermediate Range Conventional Prompt Strike (IRCPS) Weapon System (WS) flight test demonstrations. [Read More](#)

## USMC Trials Lockheed Martin's Deployable Internet Protocol Router

Jane's 360 · 27 Feb 2019

An upgraded variant of Lockheed Martin's Universal Communications Platform (UCP) Tactical Deployable Unit (TDU) has been evaluated by the US Marine Corps (USMC) in Norway's Arctic Circle. In January, Marine Forces Europe and Africa (MARFOREUR/AF) became the first US Department of Defense (DoD) component to test the company's new UCP Secret Internet Protocol Router (SIPR)/ Non-classified Internet Protocol (IP) Router (NIPR) in a Box (SNB), which was designed to enhance communications interoperability among international forces. [Read More](#)

## Russian MC-21 Airliner to Swap P & W Engines for Locally-Made PD-14 Power Plant

Defense World.Net · 26 Feb 2019

Prevented by US sanctions from using Pratt & Whitney engines in its MC-21-300 airliner project, Irkut Corporation of Russia will roll out its first serially manufactured plane with the PD-14 engine made by

United Engine Corporation (UEC). Russian Deputy Prime Minister Yuri Borisov who visited the Irkutsk aviation plant said "under unfavorable conditions, we will be ready to switch only to domestic engines." [Read More](#)

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## Northrop Grumman Achieves F-35 Centre Fuselage Delivery Milestone

Airforce Technology · 26 Feb 2019

Northrop Grumman has completed the delivery of the 500th centre fuselage for the F-35 Lightning II Joint Strike Fighter aircraft. Designated AU-18, the 500th F-35 centre fuselage is designed to support the F-35A conventional take-off and landing variant for the Royal Australian Air Force. [Read More](#)

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## Airbus Pleads Autorotation Defence ahead of US Navy Trainer Award

Shephard · 26 Feb 2019

The upcoming US Navy Advanced Helicopter Training System (AHTS) contract is one that Airbus is confident it can win, despite suggestions that expected costs of repeated autorotation manoeuvres could prove to be the undoing of its H135 light twin proposal. [Read More](#)

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## GD and Raytheon JV RGNNext Wins Contract to Operate Missile Test Site

Army Technology · 26 Feb 2019

General Dynamics Information Technology and Raytheon's Intelligence, Information and Services business joint venture (JV) RGNNext has secured a \$502m contract to operate the US Army's Ronald Reagan ballistic missile defence test site. [Read More](#)

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## First BvS10 All-Terrain Vehicles Delivered to Austrian Armed Forces

Bae Systems · 26 Feb 2019

BAE Systems has delivered the first four BvS10 all-terrain vehicles to the Austrian Armed Forces, providing the service with a superior vehicle for operations in challenging terrains like mountains and snow. BAE Systems is under contract, issued in 2016, to deliver 32 of the Armored Personnel Carrier (APC) variant of the BvS10 to the Austrian Armed Forces. [Read More](#)

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## Airbus Delivers Upgraded Eurofighter to Spanish Air Force

Air&Cosmos International · 26 Feb 2019

Airbus has delivered the first upgraded Tranche 1 Eurofighter to the Spanish Air Force. The upgrade was carried out at Airbus facilities in Getafe and involved the introduction of hardware modifications which support Spain's Operational Flight Program 02 (OFP-02) developed by the Armament and Experimental Logistics Centre (CLAEX). [Read More](#)

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## Boeing Eyes T-X Opportunity in Australia

Flight Global · 26 Feb 2019

Boeing is positioning its T-X advanced jet trainer and its accompanying training system for a long-term requirement in Australia. No request for proposals has been issued, but Boeing has held discussions with the Royal Australian Air Force (RAAF) for the T-X, says Boeing vice-president Thom Breckenridge. [Read More](#)

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## Russian Air Force to Receive First Serial-Produced Su-57 Fighter Jet This Year

Defense World.Net · 26 Feb 2019

The Russian Air Force will receive the first serial-produced Sukhoi Su-57 fifth-generation fighter jet in 2019. "If we speak about the Su-57 program, we are at the stage of manufacturing the first serial planes. In 2018, we completed the manufacture and the delivery of a batch of prototype planes that are now undergoing trials. Under the existing contract with the Defense Ministry, we have two planes in the production process, with the timeframe for the delivery of the first aircraft in 2019 and the second plane in 2020," Deputy CEO of the Sukhoi Aircraft Company Alexander Pekarsh was quoted as saying by Tass. [Read More](#)

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## Rolls-Royce to Offer F130 to Replace USAF B-52 Bomber Engines

Defense World.Net · 26 Feb 2019

Rolls-Royce will offer F130 engine as its entrant for the United States Air Force B-52 bomber re-engining competition to replace the Pratt & Whitney TF33 engine. The company plans to build a powerplant at its



renovated Indianapolis facility if it wins the competition, Rolls-Royce Vice President for Military Strategic Systems John Kusnierek was quoted. [Read More](#)

## Technology Updates

### **DRDO Chief Receives Prestigious American Award for Missile Technology Development**

Defence Aviation Post · 2 Mar 2019

American Institute of Aeronautics and Astronautics (AIAA) has conferred DRDO Chief G Satheesh Reddy with the prestigious Missile Systems Award 2019 for his leadership role in the Indian missile programmes. The award recognizes excellence in developing or implementing missile systems technology, including significant technological accomplishments or for inspired leadership of missile systems programs. [Read More](#)

### **BAE Systems Updates F-35 Electronic Warfare Systems**

Bae Systems · 28 Feb 2019

BAE Systems, a leader in electronic warfare (EW) technology announced a critical program milestone with the successful insertion of new technology into its EW systems for the global fleet of fifth-generation F-35 Lightning II fighter aircraft. [Read More](#)

### **US Navy Completes Mine-Hunting Sonar System Developmental Tests**

Naval-Technology · 28 Feb 2019

The US Navy has completed the developmental testing for the AN/AQS-20C mine-hunting sonar system at the Naval Surface Warfare Center, Panama City Division (NSWC PCD). The Raytheon-developed AQS-20C, which is an advanced variant of the AN/AQS-20 system, is set to be incorporated into the littoral combat ship (LCS) mine countermeasures mission package. [Read More](#)

### **India Successfully Testfires Quick Reaction Surface to Air Missile**

Bharat Shakti · 27 Feb 2019

India successfully test-fired short-range Quick Reaction Surface to Air Missile (QRSAM) off Odisha coast. The Defence Research and Development Organisation (DRDO) test-fired two missiles from a test facility at Chandipur in Balasore district. [Read More](#)

### **HAL Showcases Upgraded Jaguar MAX Combat Aircraft**

Defence Aviation Post · 27 Feb 2019

Hindustan Aeronautics Limited (HAL) showcased the Jaguar upgrade suite, designated as Jaguar MAX (Mothership for Augmented Xploitation) during the 20-24 February Aero India 2019 exhibition in Bangalore. HAL displayed new avionics, a cockpit, and a model of the heavily armed upgraded Jaguar (Jaguar MAX) ground-attack aircraft, which are being offered for the Indian Jaguar S/M/B (I) fleet, likely to be known as the Display Attack Ranging Inertial Navigation-III Plus (DARIN III+) standard. [Read More](#)

#### About us

##### Society of Indian Defence Manufacturers

The Society of Indian Defence Manufacturers (SIDM) is a not-for-profit association formed to be the apex body of the Indian defence industry. SIDM plays a proactive role as an advocate, catalyst, and facilitator for the growth and capability building of the defence industry in India.

SIDM's vision is to catalyse the Indian defence industry to effectively contribute to India's national security and become a trustworthy global partner. Our mission is to work closely with the Government towards enabling the growth of the defence industry. Collaborate with experts from the Armed forces, Academia and Defence industry to optimize the industry's development capabilities. Its values are: India First; One Voice and Self Reliant for Security.

SIDM facilitates growth of Industry through Policy and Progress Advocacy; Indigenization and Innovation; Policy and Market Research; Export Promotion; Emerging Technology and New Opportunities, Education and Skill Development.

Society of Indian Defence Manufacturers

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