



Confederation of Indian Industry



SOCIETY OF INDIAN DEFENCE MANUFACTURERS

## Defence Sector Updates

### Policy & Announcements

#### Indian Defence Orders from Russia Touch US\$10 Billion

Defense World.Net · 25 Feb 2019

The portfolio of defence orders from India to Russia are currently standing at US\$10 billion. At the recently concluded Aero India 2019 airshow, Rosoboronexport (part of the Rostec Corporation) conducted a series of productive negotiations and consultations with the Indian partners on military and technical cooperation, which resulted in signing a number of contractual documents, the company said in a statement. [Read More](#)

#### MoD Inked 99 Contracts with Indian Vendors

Sunday Guardian Live · 23 Feb 2019

Giving a push to "Make in India" projects in the defence sector, the Ministry of Defence has signed 99 contracts worth about Rs 65,471 crore with Indian vendors for procurement of defence equipment for the armed forces under the "Make in India" initiative between 2015 and 2018, the Ministry had told Parliament earlier this year. [Read More](#)

#### India, Russia Close to Inking Multi-Billion Agreement for AK-103 Assault Rifles

The Hindu · 22 Feb 2019

India and Russia are close to concluding an Inter-Governmental Agreement (IGA) for a multi-billion deal to locally bulk manufacture AK-103 assault rifles in the next few months. [Read More](#)

#### Defence Ministry Approves Torpedo Acquisition for Naval Submarines

Republic World · 22 Feb 2019

The Defence Ministry has approved the acquisition of more than 100 heavyweight torpedoes which will be equipped on the force's six Scorpene-class submarines being built at Mazagon Dockyards in Mumbai. [Read More](#)

#### India, Saudi Arabia Agree Joint Defence Production

Jane's 360 · 22 Feb 2019

India and Saudi Arabia have agreed to co-operate on defence production activities, the two countries said in a joint statement. Under the agreement – announced by the Indian Ministry of External Affairs (MEA) on 20 February – the two sides will collaborate on the "joint defence production of spare parts for naval and land systems". [Read More](#)

#### Light Combat Aircraft Cleared for Combat

Bangalore Mirror · 21 Feb 2019

More than three decades after the Light Combat Aircraft (LCA) Tejas programme was conceived it finally become combat ready. On the inaugural day of the Aero India, the LCA Tejas was accorded the Final Operational Clearance (FOC) by the military aviation certifying agencies [Read More](#)

#### Aero India 2019: Russia Willing to Talk FGFA with India Again

The Financial Express · 21 Feb 2019

Russia is willing to come back to the negotiating table for joint development and production of the Fifth Generation Fighter Aircraft (FGFA). This programme was happening under the Inter-Governmental Agreement signed in 2009." India decided to withdraw from the programme in 2018 due to problems related to costs involved and work share. [Read More](#)

### Sweden's Saab Wants FDI Rules Tweaked in US\$20 Billion Fighter Jet Bid

Bloomberg Quint · 20 Feb 2019

Saab AB wants India to tweak the ongoing bidding programme for medium multi-role combat aircraft to allow majority control for foreign manufacturers as the Swedish maker of fighter jets vies for a US\$20 billion order. [Read More](#)

### Defence Ministry to Constitute 3 Leation Groups on Creating Aerospace Industry Ecosystem

United News of India · 20 Feb 2019

In an effort to build a stubborn and sustainable Aerospace ecosystem in the country, the Defence minister Nirmla Sitaraman, have mooted an idea to constitute a three dedicated ideation groups to have an interaction with the trade and Industry bodies. [Read More](#)

### Defence Ministry Gives Nod for Production of 114 'Dhanush' Guns

Business Standard · 19 Feb 2019

The Ordnance Factory Board (OFB) has received the bulk production clearance (BPC) from the Ministry of Defence and the Indian Army for production of 114 Dhanush indigenous artillery guns. [Read More](#)

## Market Updates

### PROJECT UPDATES

### Goa Shipyard Launches 105 m OPV for Indian Coast Guard

Jane's 360 · 25 Feb 2019

Goa Shipyard Limited (GSL) has launched the first of five 105 m offshore patrol vessels (OPVs) ordered for the Indian Coast Guard (ICG) in 2016. The vessel, which will be in service as ICGS Sachet (18), was launched on 21 February at GSL's facilities in Goa. The keel for the vessel was laid in March 2017. [Read More](#)

### India's New Anti-Tank Guided Missile to Enter Production By End of 2019

The Diplomat · 25 Feb 2019

The third-generation anti-tank guided missile (ATGM) Nag is slated to enter production by the end of 2019, according to a senior Indian defence industry official. MSR Prasad, director general of Missiles and Strategic Systems (MSS) at India's Defense Research and Development Organization (DRDO) said that the Nag ATGM will undergo final user trials in May and June this year with production of the weapon system expected to kick off later in 2019. [Read More](#)

### BEL Receives Export Order Worth USD 33mn from Elbit

Business Standard · 25 Feb 2019

Navratna Defence PSU Bharat Electronics Ltd (BEL) Monday said it has received export orders valued at about USD 33 million from Elbit Systems Electro-Optics Elop Ltd (ELOP), a subsidiary of Elbit SystemsLtd, Israel. [Read More](#)

### Russia Ready to Discuss Deliveries of Su-57 Fifth-Generation Fighter Jets to India

Taas · 25 Feb 2019

Rostec Viktor Kladov, Director for International Cooperation and Regional Policy at the state hi-tech corporation said that Russia is ready to hold a dialogue with India on the deliveries of Sukhoi Su-57 fifth-generation fighter jets to India. [Read More](#)

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## **Tata Aerospace & Defence, Airbus, Await Contract to Manufacture 56 Aircrafts**

Indian Defence Research Wing · 24 Feb 2019

Six years after issuing a tender and five years since Airbus submitted a bid to build the C295 in partnership with Tata A&D, the cost negotiation committee (CNC) is only now finalizing its report. With the cabinet required to okay the approximately Rs 12,000 crore contract, the looming elections and a cash crunch stand in the way of an early clearance. [Read More](#)

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## **Rafael Wins US\$30 Million Indian Air Force Communications Deal**

Globes · 24 Feb 2019

Israeli defense electronics company Rafael Advanced Defense Systems Ltd. has handed its first order for production of hundreds of advanced communications systems, for the Indian Air Force, to its new ARC subsidiary in India. The order amounts to US\$30 million. [Read More](#)

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## **Israel Sells India 50 Military Drones in US\$500 Million Deal**

Xinhua News Agency · 24 Feb 2019

Israel Aerospace Industries (IAI) has agreed with India's Ministry of Defense on the sale of 50 Heron unmanned aerial vehicles (UAVs) for 500 million U.S. dollars. The Heron, a medium-altitude long-endurance drone capable of performing strategic and tactical missions, can carry a payload of up to 470 kg, stay in the air for more than 45 hours, reach 35,000 feet high and has a flight range of 350 km. [Read More](#)

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## **HAL Plans 'Sport' Supersonic Trainer for Next Gen Fighters**

The Quint · 23 Feb 2019

Hindustan Aeronautical Limited (HAL) has announced the development of a 4++ generation trainer aircraft to train Indian Air Force (IAF) pilots on modern aircraft. Titled Supersonic Omni Role Trainer Aircraft (SPORT), the aircraft is aimed at training pilots before their induction into a front-line fighter squadron like the Rafale. [Read More](#)

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## **BEL Signed MoU with Bharat Forge**

PSU Connect · 23 Feb 2019

Bharat Electronics Limited (BEL) and Bharat Forge Limited (BFL) have entered into an MoU for strategic co-operation in the field of Defence and aerospace products/systems to jointly capitalise on the emerging opportunities in the domestic market, leveraging the policy initiatives of the Indian Government such as Make in India. [Read More](#)

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## **BEL Signs MoU with Italy's Elettronica for Electronic Warfare Surveillance Systems**

Business Line · 23 Feb 2019

Bharat Electronics Limited (BEL), a defence PSU, and Elettronica SpA (ELT), Italy, have entered into an MoU for the joint development, commercialisation and production of the New Generation EW Surveillance Systems. [Read More](#)

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## **HAL, CPWD Ink Deal for Tumakuru Chopper plant**

Deccan Herald · 23 Feb 2019

The Hindustan Aeronautics Limited (HAL) on Thursday signed a Memorandum of Understanding (MoU) with Central Public Works Department (CPWD) for the execution of the Stage-2 infrastructure development works at its greenfield helicopter factory in Tumakuru. [Read More](#)

## **TurboTech Defence Aerospace, Safran Helicopter Engine to Collaborate for EU India**

Deccan Chronicle · 23 Feb 2019

TurboTech Defence and Aerospace that designs, builds and maintains aviation and defence equipments, will produce, at its newly set up Bangalore plant, the "Oil Cooling System and components" for the Safran Helicopter Engine (Ardiden 1U Engine), for the use of European and Indian market from 2019.

[Read More](#)

## **Safran and HAL Sign Helicopter Autopilot Contracts**

Air & Cosmos International · 22 Feb 2019

Hindustan Aeronautics Ltd (HAL) and Safran Electronics & Defense announced the signature at the Aero India show of three new contracts for Safran-designed autopilots for various helicopters manufactured by HAL. Safran Electronics & Defense will provide HAL with state-of-the-art development and integration capabilities to replace existing test and integration benches and set up a software workshop to develop and validate control laws necessary for the use of autopilots. [Read More](#)

## **HAL Had Handed Over Three ALH-MK-III Helicopter Ahead of the Schedule**

India Blooms · 22 Feb 2019

The Hindustan Aeronautical Limited has formally handed over three ALH-MK-III Helicopter ahead of six months to the Indian Army. In a simple ceremony, at the event, the HAL Chairman and Managing Director, R Madhavan had formally handed over the documents of the Choppers to Mr Kanwal Kumar, Lt General AVSM. [Read More](#)

## **GE Wins Gas Turbine Auxiliary Equipment Contract for P17A Frigates**

Naval Technology · 22 Feb 2019

GE Marine has received a contract to supply gas turbine auxiliary equipment for the LM2500 engines integrated into the Indian Navy's new P17A stealth frigates. The contract was awarded by Indian firms Mazagon Dock Shipbuilders (MDL) and Garden Reach Shipbuilders and Engineers (GRSE). [Read More](#)

## **Adani Enters the UAV Race with a 60% Made-in-India Drone**

The Print · 22 Feb 2019

As the Indian military looks to acquire over 150 medium altitude unmanned aerial vehicles (UAVs), the Adani Group has written to the defence ministry offering its Hermes 900 UAV under the Indigenously Designed Developed and Manufactured (IDDM) category of the Defence Procurement Procedure. [Read More](#)

## **HAL Capable of Manufacturing our Defence Systems: Boeing**

Deccan Herald · 22 Feb 2019

Boeing, the US-headquartered aerospace multinational corporation, said the company is confident in the capabilities of HAL to produce its all aerospace and defence platforms. Thomas Breckenridge, vice-president of international sales, strike, surveillance and mobility said HAL is the only public sector manufacturing partner for the company in India. [Read More](#)

## **Israel's Rafael Eyeing to Sell its Newly Unveiled "Rocks" Missile to India**

Defense World.Net · 21 Feb 2019

Israeli firm Rafael is looking to sell the "Rocks" air-to-surface missile to India that was unveiled during the ongoing Aero India 2019 airshow. Samir Advani, Director Strategic Business Development, Rafael, said, "We received the export license recently, and are thinking of selling the newly-unveiled Rocks missile to India. [Read More](#)

## **“We Are Going to Deliver 36 RAFALE to India”, says DASSAULT CEO**

The Indian Wire · 21 Feb 2019

While attending the Aero India show in Bengaluru, DASSAULT CEO, Eric Trappier said that if India wants more RAFALE jet aircrafts, apart from the 36 then they would deliver it happily. He further said that the 36 RAFALE jet aircrafts will be delivered to India in the time period of next 2 years. [Read More](#)

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## **Aerostructures Assemblies India Awarded Contract from Saab to Manufacture A321neo Over Wing Door Structural Assemblies**

Business Wire · 21 Feb 2019

Aerostructures Assemblies India Pvt. Ltd. (AAI), a joint Venture between Aequus Aerospace and Saab AB (publ), has been awarded a contract from Saab Aerostructures to manufacture the structural assembly for the Over Wing Doors (OWD) on the Airbus A321neo program. [Read More](#)

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## **Russia offers MiG-35 and SU 35, ‘HAL Preferred Partner for Make in India’**

The Financial Express · 21 Feb 2019

If India down selects MiG-35 and SU 35 fighter machines, Russia has decided to work with state-owned Hindustan Aeronautics Ltd., as its Strategic Partner (SP) under Make in India Initiative. Both these Russian aircraft from the MiG and Sukhoi series are competing for Indian Air Force huge contract for 114 machines. [Read More](#)

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## **Elusive US\$15 Billion Fighter Jet Deal Frustrates Boeing, Lockheed**

The Times of India · 21 Feb 2019

India, the world’s biggest arms importer, with an annual defence budget of US\$43 billion has been dangling a potential US\$15 billion fighter jet deal for more than a decade, with Lockheed and Boeing, the world’s two largest contractors, vying for the chance to refit India’s air force. [Read More](#)

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## **HAL Places Order with Thales for 2.75-inch Rocket Launchers to Equip Indian Armed Forces**

The Economic Times · 21 Feb 2019

Seeking to boost tactical capabilities of the Indian armed forces, HAL has awarded French aerospace and defence company Thales a contract to supply 135 2.75-inch (70-mm) rocket launchers. [Read More](#)

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## **Russian Helicopters Signs MoUs to Localise Kamov-226T Production**

The Hindu · 21 Feb 2019

Russian Helicopters has signed memorandums of understandings with five Indian companies to localise components for the Kamov-226T utility helicopter chosen by India. However, price negotiations for the final contract are yet to begin. [Read More](#)

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## **HAL Proposes Defence Ministry to Procure New Squadron of Sukhoi-30 Fighter Jets**

Zee News · 21 Feb 2019

Hindustan Aeronautics Limited (HAL) Chairman and Managing Director (MD) R Madhavan said that the Bengaluru-based HAL has put up a proposal before the Defence Ministry for the procurement of a new squadron of Sukhoi-30 fighter jets. [Read More](#)

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## **BEL Signs MoU With JSR Dynamics Glide Weapons, Cruise Missiles at Aero India 2019**

Defense World.Net · 21 Feb 2019

Bharat Electronics Limited (BEL) has signed a Memorandum of Understanding (MoU) with JSR Dynamics for glide weapons and light weight cruise missiles at the ongoing Aero India 2019 airshow. The MoU aims at leveraging the individual design and manufacturing capabilities of BEL and JSR, a start-up to develop weapons and light weight cruise missiles, which have business potential in both the domestic and international market. [Read More](#)

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## Boeing to Begin Delivery of Apache Helicopters to IAF by July

Livemint · 21 Feb 2019

Aerospace major Boeing Co will deliver the first of 22 AH-64E Apache twin-turboshaft attack helicopters to the Indian Air Force (IAF). David Koopersmith, VP & GM, Vertical Lift, Boeing, Defense, Space and Security Said, "We are on plan to deliver the first of 22 Apache starting July. This will give significant combat capabilities (to the air force)." [Read More](#)

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## Lockheed Martin Offers India Upgraded F-16 Fighter Jet

The Diplomat · 21 Feb 2019

U.S. defense contractor Lockheed Martin has offered India an upgraded version of the F-16 Fighting Falcon Viper (V) Block 70 multirole combat aircraft, designated F-21, as part of the the company's bid to win a contract to supply the Indian Air Force (IAF) with 110 new fighter aircraft. [Read More](#)

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## Safran to Build Plant to Produce LEAP Turbofan Engine Parts in India

Aerospace-Technology · 21 Feb 2019

Aerospace firm Safran will construct a new plant in Hyderabad, India, to make parts for the LEAP turbofan engine. The LEAP engine is manufactured by CFM International, which is a 50/50 joint venture company between Safran and GE. To be built by Safran Aircraft Engines, the proposed €36m plant will be located near the company's electric wiring facility in the special economic zone (SEZ) of GMR. [Read More](#)

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## TLMAL Delivers 100th C-130J Super Hercules Empennage

Business Standard · 20 Feb 2019

Tata Lockheed Martin Aerostructures Limited (TLMAL) recently delivered the 100th C-130J Super Hercules empennage from its manufacturing facility located in Hyderabad, India. The delivery milestone highlights the ongoing success of Lockheed Martin's hallmark Make in India partnership with Tata. [Read More](#)

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## SIG Sauer Lands Huge Deal to Supply Indian Army's New Rifle

NewsRep · 19 Feb 2019

SIG Sauer has won India's Ministry of Defense (MoD) competition for the Indian Army's next rifle with its SIG716 G2 rifle. The SIG716 G2 is chambered in the 7.62×51mm NATO cartridge and features a 16-inch barrel, an M-LOM-type handguard, and a six-position telescoping stock. It comes with a 20-round magazine. The India Army will purchase 72,400 rifles, all of which will be manufactured in SIG Sauer's New Hampshire facility. [Read More](#)

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## INVESTMENTS

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

Jane's 360 · 25 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](#)

## Lockheed Martin + Tata Advanced System Tie-Up Gives Wings to Make in India

Zee Business · 23 Feb 2019

In a big boost of PM Narendra Modi-led Union government's 'Make in India' initiative, US Defence giant Lockheed Martin on Wednesday unveiled the F-21 multi-role fighter jet to be produced locally for India. "The F-21 is an unprecedented 'Make in India' opportunity — combining the strength of Lockheed Martin, the world's largest defence contractor, and Tata, India's premier industrial house, to deliver a historic win-win for the US and Indi." [Read More](#)

## Aero Show: UK Looking for B2B Partnerships in Defence

Deccan Herald · 22 Feb 2019

The United Kingdom is looking for more industrial partnerships between the British and Indian companies in the defence sector. A senior UK government official said, "We are looking for greater industrial co-operation between Indian and British companies. In fact, we are looking at a situation where Indian companies can become suppliers to the British army as well." The official also said that the Make In India programme is expected to give an impetus to such B2B partnerships. [Read More](#)

## Saab Expands Ties with Indian Aerospace Firms for Gripen Fighter Jet Aerostructures

The Financial Express · 21 Feb 2019

Swedish defence major Saab said it has expanded its ties with Indian aerospace firms for the Gripen fighter jet aerostructures. Saab has taken an important step forward to expand its footprint and aerospace ecosystem in India by signing new MoUs with three of the country's aerospace manufacturers; Dynamatic Technologies Limited, CIM Tools Private Limited and Sansera Engineering Private Limited, the company said. [Read More](#)

## BEL Signs Teaming Agreement With Hughes India for Helicopter SATCOM Solutions

Press Information Bureau · 21 Feb 2019

Navratna Defence PSU, Bharat Electronics Limited (BEL) and Hughes India have entered into a Teaming Agreement for design, development, supply, installation, integration and commissioning of Satellite Communication solutions for helicopters under the Ministry of Defence, Government of India at Aero India 2019, Bengaluru. [Read More](#)

## Boeing Offers India Futuristic Super Hornet Factory

Flight Global · 21 Feb 2019

Boeing has promoted its industrial capabilities in India, as it eyes potential deals to sell the F/A-18E/F Super Hornet to the nation's air force and navy. Speaking at the Aero India show near Bengaluru on 21 February, company officials said it would build a "factory of the future" in India to produce the Super Hornet. New Delhi has two separate requirements for combat aircraft: 110 for the air force and 57 for the navy. [Read More](#)

## India Invites Investors in Defence Manufacturing as Aero India Begins

NDTV · 20 Feb 2019

India has invited investors to capitalise on the ecosystem prevailing in the aerospace and other sectors and pitched for joint venture partnerships, saying it offered a big market in Defence manufacturing. [Read More](#)

## Airbus Optimistic About Indian Air Force's Transport Plane Order

Bloomberg Quint · 20 Feb 2019

Airbus is optimistic to make its debut in the Indian defence market as India looks to replace Air Force's transport planes. The European aerospace corporation has been selling commercial planes but isn't



present in defence. It has now bid along with the Tata Group to replace the ageing Avro Hawker Siddeley HS748 fleet. [Read More](#)

## Thales Opens Engineering Competence Centre in Bengaluru

Air & Cosmos International · 19 Feb 2019

Thales has announced the launch of its Global Engineering Competence Centre (ECC) in Bengaluru. The centre aims to accelerate innovation and digital transformation to serve the needs of both the Indian market, and the Group's global objectives. The centre will focus on software and hardware capabilities in the areas of civil as well as defence businesses. [Read More](#)

## Rosoboronexport to Begin Ka-226T Helicopters Production in India Soon

Defense World.Net · 19 Feb 2019

Russian Rosoboronexport will soon begin production of Ka-226T helicopters in India. "We will soon start manufacturing Ka-226T helicopters in India at Indo-Russian Helicopters Limited, a Russian-Indian joint venture established in 2017. As part of the project for localising Ka-226T production in India, the two countries are discussing the details of the prospective contract. Additionally, Russian-Indian JV Indo-Russian Helicopters Limited (Hal, Rosoboronexport and Russian Helicopters) intends to offer the Ka-226T to the Indian navy as part of a tender for 111 helicopters. [Read More](#)

## Global Updates

### Rolls Royce Wins £235 Million UK Submarine Contract

Euro News · 25 Feb 2019

Britain's government on Monday said it had awarded Rolls Royce a £235-million contract to maintain nuclear submarines. Rolls Royce will provide support and advice for systems on board the current fleet of Trafalgar, Vanguard and Astute class submarines until 2022. [Read More](#)

### BAE Systems Reveals Further Details About Medusa Project for Challenger 2 Upgrade

Defence Blog · 24 Feb 2019

Britain's biggest defense company BAE Systems has given further details on the capabilities of its upgraded Challenger 2 main battle tanks as part of Medusa project. The Technical Assessment Programme (TAP) by UK Defence Science and Technology Laboratory (Dstl), designated Project 'Medusa', is to evaluate soft-kill active protection system solutions based on the Hensolt Multifunctional Self-Protection System (MUSS): a high Technology Readiness Level (TRL) system that integrates missile and laser warning sensors with a directional electro-optical jammer. [Read More](#)

### GE Aviation Awarded Navy Contract

Vandalia Drummer News · 24 Feb 2019

GE Aviation Systems, LLC, in Vandalia, was recently awarded a contract that could be valued up to \$87 million over the next five years. The contract, awarded by the United States Navy, is guaranteed to run three years and generate revenue for the company of \$68 million. The Navy has an option to extend the contract an additional two years. Work is to be completed by February 2022, and, if the Navy exercises its option, February 2024. [Read More](#)

### Honeywell Awarded US\$150 Million for Advanced Turbine Propulsion Development

UPI · 22 Feb 2019

Honeywell Aerospace was awarded a contract for work on the Advanced Turbine Technologies for Affordable Mission, or ATTAM, Capability Phase I program. The competitive contract, valued at \$150 million, was won by Honeywell Aerospace, headquartered in Phoenix, after consideration of 54 offers, according to the Air Force Research Laboratory. [Read More](#)

### Boeing Tapped for F-15E Warning System Development, Testing

UPI · 22 Feb 2019



Boeing Co. was awarded a \$24.1 million contract modification for development and testing of F-15 fighter plane warning systems, the Defense Department announced. The modification of a prior contract, announced Thursday, calls for procurement of hardware and systems engineering program management for the F-15's Eagle Passive Active Warning Survivability System, or EPAWSS. [Read More](#)

### **Raytheon Wins US\$406 Million Contract**

Greater Fort Wayne Business Weekly · 22 Feb 2019

The Army has awarded the Fort Wayne operations of Raytheon Co. a \$406 million indefinite delivery/indefinite quantity contract for ARC-231A radio systems. The contract calls for the production during the next five years of up to 5,000 radios and includes their support and upgrades. The Army plans to use the radios in its aircraft including the UH-60 Black Hawk, the AH-64 Apache attack helicopter and the UH-72 Lakota utility helicopter. [Read More](#)

### **Boeing Builds a US\$43 Million Killer Whale that May Transform Combat at Sea**

Washington Examiner · 22 Feb 2019

Boeing has won a US\$43 million Navy contract to develop four extra-large unmanned undersea vehicles. Known as Orcas, they're basically drone submarines and will include developments from the Echo Voyager, a commercial prototype built by Boeing for longer endurance and higher payload capacity. [Read More](#)

### **Sitharaman Wants Defence PSUs to Target Global Markets**

The Economic Times · 21 Feb 2019

Defence Minister Nirmala Sitharaman has asked public sector defence firms to aim at selling their products to other countries also and not rely only on the "captive market" of the Indian armed forces. [Read More](#)

### **Boeing's EA-18G Fighter Plane Under Consideration by Finnish Military**

UPI · 20 Feb 2019

The Defense Department approved an offer for Boeing and the U.S. Navy to provide the EA-18G Growler fighter plane to the Finnish Defense Forces. Finland's Ministry of Defense invited offers from aircraft manufacturers and governments in January for bids to replace its F/A-18 C/D Hornet fleet. [Read More](#)

### **Honeywell-Pratt Venture Protests GE's Army Helicopter Contract**

Reuters · 20 Feb 2019

A joint venture of Honeywell International Inc and Pratt & Whitney on Tuesday protested the U.S. Army's decision to award General Electric Co a \$517 million contract for new Black Hawk and Apache helicopter engines. [Read More](#)

### **Army Taps Raytheon to Build Enhanced Radios for Black Hawks, Apaches**

Military.com · 20 Feb 2019

The U.S. Army recently awarded Raytheon Co. a \$406 million contract to supply the service with aviation radios over the next five years. Raytheon will manufacture up to 5,000 ARC-231A radio systems that will be installed on the Army's existing helicopter platforms. [Read More](#)

### **BAE Systems Wins Funding from U.S. Army to Start Production of New Armored Vehicles**

Reuters · 19 Feb 2019

BAE Systems received two contract modifications from the U.S. Army for the low-rate initial production (LRIP) of the Armored Multi-Purpose Vehicle (AMPV). The contract is worth up to \$575 million to support the U.S. Army's Armored Brigade Combat Teams (ABCT) missions. [Read More](#)

### **Israel Aerospace Puts RAMTA Shipyard Up for Sale**

Globes · 19 Feb 2019

Israel Aerospace Industries Ltd. is putting its RAMTA shipyard up for sale, sources inform "Globes." The Beersheva plant, which has 350 employees, previously manufactured the Dvora and Super Dvora boats for patrols and routine security missions by the Israeli navy and other navies. [Read More](#)

## Australia Selects Raytheon to Deliver Aegis Combat Systems Integration

Naval Technology · 19 Feb 2019

The Australian Department of Defence has chosen Raytheon Australia to work as the country's Aegis combat systems integration agent. Defence Minister Christopher Pyne said a limited request for tender has been issued to Raytheon to establish a Deed of Standing Offer (DSO). [Read More](#)

## Raytheon Subsidiary Opens New Headquarters in Abu Dhabi

UrduPoint · 19 Feb 2019

Raytheon Emirates, a wholly owned subsidiary of Raytheon Company has opened its headquarters in Al Maqam Tower at Abu Dhabi Global Market Square, the company announced in a press release. The new facility will help Raytheon Emirates develop human capital, industrial partnerships and new technology in the United Arab Emirates in the areas of missile defense, cybersecurity, effectors, and other enabling technologies. [Read More](#)

## Raytheon Wins US\$1.5 Billion UAE Air Force Contract

Reuters · 18 Feb 2019

The United Arab Emirates on Monday awarded Raytheon Co. a 5.7 billion dirhams (\$1.55 billion) contract to supply its air force with platform systems to launch missiles. The agreement was signed at the week-long IDEX military exhibition in Abu Dhabi and followed the award on Sunday of a 1.3 billion dirhams contract to Raytheon to supply the UAE with patriot missiles. [Read More](#)

## Technology Updates

### HAL Unveils Unmanned Wingman Concept

Jane's 360 · 25 Feb 2019

India's Hindustan Aeronautics Limited (HAL) unveiled its Unmanned Wingman concept at the Aero India 2019 exhibition held in Bangalore from 20–24 February. The Unmanned Wingman concept is currently envisioned to be a 6 m-class, low-observable, multipurpose unmanned combat air vehicle (UCAV) with an endurance of up to 80 minutes and a range of 800 km, although its size can be scaled up for greater endurance or payload capacity should there be a customer requirement. [Read More](#)

### Aero India 2019: Desi Marker to Make Spotting Planes Cheaper

Defence Aviation Post · 23 Feb 2019

On requests from Indian Air Force (IAF), Mysuru-based Defence Food Research Laboratory (DFRL) has developed a sea dye marker — a bright green pattern — that spreads over the surface of the water, ensuring the area is located easily. It is extremely useful in rescue operation. The cost of the marker is a mere Rs 400. India currently imports markers at a cost of Rs 4,000 for a 200g packet. It is a part of armed personnel's survivor kit. [Read More](#)

### New Tata Defence Vehicle for Indian Army – Spied on Test Near Pune

Rush Lane · 21 Feb 2019

Tata has been developing a Made in India extreme off-road vehicle for the Indian Army over the past one year or more. This Hummer style off-roader, all-terrain vehicle, is codenamed Merlin. Tata Merlin has now been spied on test once again. Latest spy shots were clicked on the Mumbai Pune Expressway. The Hummer styled Tata vehicle has also been tested in the Himalayas. [Read More](#)

### India to Test Fire Nuclear-Capable 'Nirbhay' Cruise Missile in April

The Diplomat · 21 Feb 2019

India's Defense Research and Development Organization (DRDO) is slated to conduct the final developmental flight trial of the nuclear-capable Nirbhay cruise missile, the country's first indigenously designed and developed long-range cruise missile, according to an official of India's Aeronautical Development Establishment (ADE). [Read More](#)

### Thales Showcasing Solutions Developed in India

Bharat Shakti · 20 Feb 2019

Thales has a decades long association with the Indian Defence Industry. It has provided a large

inventory of equipment to the Indian armed forces. The company plans to open an Engineering Competence Centre at Bengaluru. Thales is also be participant in the Indian Air Force's Mirage 2000 programme. [Read More](#)

## Israel Aerospace Industries Shows Off 'Loitering' Missile at India Air Show

UPI · 20 Feb 2019

Israel Aerospace Industries unveiled its newest tactical drone missile at the Aero India Show in Bangalore. The missile, called the Mini Harpy, is in the category of "loitering missiles," also known as suicide drones or kamikaze drones. It is capable of flying, or loitering, in the vicinity of a target area, before it locates a target missile and attacks it. [Read More](#)

## Raytheon Completes Wind Tunnel Tests for Extended Range AMRAAM Missile

Aerospace Testing International · 18 Feb 2019

Test engineers at US defence firm Raytheon have successfully completed more than 1,700 wind tunnel tests on the company's extended-range variant of the AMRAAM air-to-air missile. The AMRAAM-ER (Advanced Medium-Range Air-to-Air Missile-Extended Range) missile is a ground-launched weapon that will intercept targets at longer distances and higher altitudes. The missile's larger rocket motor and smarter flight control algorithms give it a boost in range. [Read More](#)

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