

Brèves de l'industrie aérospatiale – 7 février 2022

Industrie Aérospatiale

Québec Airbus A220 (4 février)

Un investissement de 1,2 milliard \$ US (environ 1,5 milliard \$) visant à financer une augmentation de la cadence de production des A220 à Mirabel sera effectué par le gouvernement du Québec pour 300 millions \$ US (380 millions \$); Airbus investira les 900 millions \$ US restants (environ 1,1 milliard \$).

Rostec's United Engine Corporation (3 février)

The UEC-STAR division of Rostec's United Engine Corporation has developed an automatic control system (ACS) for the new PD-8 aircraft engine which is sourced 100% domestically. Series production is scheduled to begin in 2023.

Daher (2 février)

Daher annonce le rachat à Triumph Group du site d'assemblage d'aérostructures métalliques en Floride (200 millions d'euros de chiffre d'affaires). L'usine (400 employés), se spécialise dans la conception, la fabrication et l'assemblage de pièces métalliques de grandes dimensions pour le compte de grands donneurs d'ordre américains.

Safran (2 février)

Safran prévoit de recruter 12 000 personnes par an dans le monde sur les quatre prochaines années, soit au total 50 000 personnes. Les compétences recherchées concernent notamment la décarbonation des avions : carburants alternatifs (SAF) et hydrogène.

Longview Aviation Capital / De Havilland Aircraft (2 janvier)

Longview Aviation Capital has announced that De Havilland Aircraft of Canada Limited will become the operating brand for the companies currently operating as Longview Aviation, Viking Air, Pacific Sky Training and De Havilland Canada. Combined, these companies currently support over 1,000 aerospace jobs across Canada.

ATR (2 février)

ATR a achevé des essais en vol et au sol d'un ATR 72-600 avec 100% de carburant d'aviation durable (SAF) dans un moteur. ATR collabore avec Braathens Regional Airlines en vue de réaliser un vol de démonstration en 2022. L'objectif est d'achever le processus de certification 100% SAF des ATR à l'horizon 2025.

Satys Aerospace (2 février)

Satys Aerospace achète le groupe SPI (Société de Peinture Industrielle), pour renforcer ses positions sur les marchés de la peinture, de l'étanchéité et du traitement de surface.

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Liebherr/HAL (28 janvier)

Liebherr-Aerospace à Toulouse a été sélectionné pour fournir le système de chauffage et de ventilation du nouvel hélicoptère utilitaire léger (Light Utility Helicopter - LUH) de Hindustan Aeronautics Limited (HAL). Le LUH ou hélicoptère utilitaire léger est un hélicoptère multi-missions indien actuellement en phase de développement.

Latécoère (28 janvier)

Latécoère affiche un chiffre d'affaires de 379,8 millions d'euros pour l'année 2021, impacté par la crise de la Covid-19 et l'arrêt temporaire de la ligne d'assemblage du Boeing 737 MAX. Néanmoins, le chiffre d'affaires au second semestre 2021 est en légère progression par rapport au premier semestre de l'exercice (+1,3%).

GA Telesis (24 janvier)

GA Telesis has created GAT Logistics Solutions Group (GATLSG), a wholly owned freight forwarding subsidiary that offers a portfolio of logistics services to the aerospace industry.

Oerlikon Metco Coating Services (24 janvier)

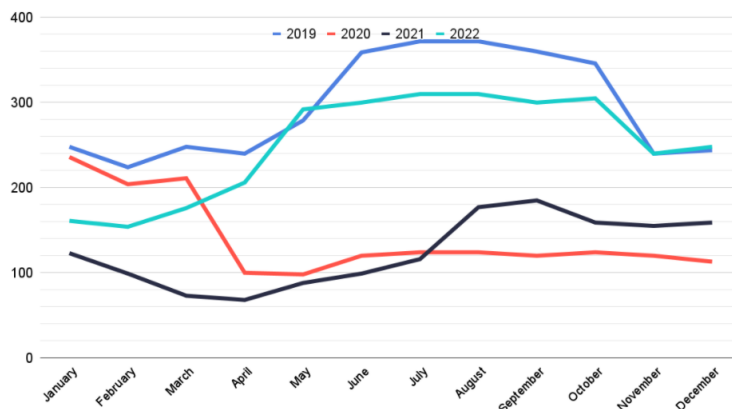
Oerlikon Metco Coating Services' new laser cladding service center is fully operational in Huntersville, NC. Oerlikon's expanded additive manufacturing facility now includes laser cladding with the ability to offer O.D. and I.D. coatings, as well as laser hardening, pre- and post-machining, and inspection services.

Aviation Commerciale

American Airlines (2 février)

American Airlines will convert seven more of its purchase options for the 737 MAX 8 this year, bringing its firm orders to 30. American has deferred the next deliveries of Boeing 787-9s until the fourth quarter of 2023, continuing into 2027.

Air Canada at Frankfurt Airport



Air Canada's Frankfurt service is expected to top 2019 levels in May (bi-directional data shown). Data: Cirium

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Air Canada (1 février)

Air Canada is converting Boeing 767 aircraft into cargo configuration instead of retiring them in response to the high demand for cargo capacity. It plans transatlantic cargo routes from Frankfurt.

Qatar Airways (31 janvier)

Qatar Airways has ordered 34 new B777X freighters and is the launch customer. It has also taken 16 options. It also ordered two B777F and 25 B737-10, plus 25 options.

EasyJet (31 janvier)

EasyJet is re-opening its pilot training programme to support future growth, and plans to recruit over 1,000 new pilots over the next five years.

Jazeera Airways (30 janvier)

Jazeera Airways confirme une commande de 20 Airbus A320neo et 8 A321neo.

Aviation d'affaires**Gulfstream (1 février)**

Gulfstream Aerospace is expanding wing manufacturing capacity for its large-cabin twinjets in anticipation of production rate increases in 2023 and beyond.

FACC/ Challenger 3500 (31 janvier)

FACC has been selected to supply major portions of the Bombardier Challenger 3500 interior including cabin sidewalls, headliners, bulkheads, passenger service units, cabinets and tables.

Wheels Up /Air Partner (27 janvier)

Wheels Up has purchased London-based Air Partner for \$US107m. Air Partner offers global private jet, freight and group charters and aviation safety services.

Baikal-Engineering (30 janvier)

Baikal, a single-engine utility aircraft has made its maiden flight in Yekaterinburg. It has been developed by the Baikal-Engineering company for the Russian ministry of industry and trade.

Défense**Northrop Grumman (2 février)**

Northrop Grumman has been awarded a contract from the US DARPA's Perceptually-enabled task Guidance Program to develop a prototype AI assistant that will be embedded in AR headsets of UH-60 Blackhawk pilots. The company, in partnership with the University of Central Florida, will develop an operator and context-adaptive reasoning intuitive assistant (OCARINA).

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Lockheed/ U.S. Air Force midair refueling tanker (31 janvier)

Lockheed Martin has announced that a future U.S. Air Force refueling aircraft would be made in Mobile, Alabama and Marietta, Georgia if it wins the contract. Lockheed has teamed with Airbus to offer the LMXT, based on the A330-200. Aircraft would be assembled in Mobile and modified in Marietta, the first time that an Airbus wide-body jet has been assembled outside Europe.

Diamond Aircraft Industries (31 janvier)

Diamond Aircraft Industries' DART-750 military training aircraft will now be powered by the P&WC PT6A-25C turboprop engine, to expedite EASA certification. This is now expected by the end of 2023, with deliveries to start in early 2024.

MRO**Airbus Helicopters / Kongsberg Aviation Maintenance Services (4 février)**

Airbus Helicopters et Kongsberg Aviation Maintenance vont collaborer en matière de soutien et de services aux forces armées norvégiennes pour renforcer le déploiement des capacités de maintenance locales, ainsi qu'à optimiser la disponibilité de l'hélicoptère NH90. Airbus développe et qualifie également les installations de Kongsberg pour assurer la maintenance des boîtes de transmission de la queue du NH90 pour la flotte norvégienne.

Amelia ATR 72 /Universal Hydrogen (4 février)

Amelia va acheter auprès d'Universal Hydrogen, trois kits de conversion hydrogène pour ses ATR 72-600 ainsi que l'hydrogène vert nécessaire pour supporter ses opérations.

Jet Support Services Inc. (2 février)

In 2021 Jet Support Services Inc. (JSSI) acquired two maintenance tracking companies, SierraTrax and Traxxall. JSSI will integrate them and grow its existing businesses, JSSI Advisory Services, Conklin & de Decker; and JSSI Parts & Leasing. SierraTrax supports about 1,000 mainly owner-operators of light and midsize business jets. Montreal-based Traxxall supports 2,000 aircraft and also offers inventory management and MRO workflow products and services.

FAI Technik (1 février)

German MRO FAI Technik has sold its Project Pearl Bombardier Global Express refurbishment business to an unnamed U.S. buyer. FAI's Project Pearl was honored in the innovation in engineering category at the 2021 Middle East Aviation Awards.

Satcom Direct (31 janvier)

Satcom Direct's (SD) Plane Simple antenna system has been qualified on Intelsat's FlexExec satellite network, which allows a wider variety of business jets to access high-speed broadband through its Ku-band, tail-mounted antenna system.

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MHI RJ Aviation Group (27 janvier)

MHI RJ Aviation Group (MHIRJ) a annoncé l'expansion de son réseau de MRO avec l'ouverture d'un nouveau site à Macon, en Géorgie.

Drones - Advanced Air Mobility

Bell Textron (2 février)

Bell Textron's Autonomous Pod Transport (APT) has successfully demonstrated a ground-based Detect and Avoid (DAA) flight. The test was part of Bell's NASA Systems Integration and Operationalization (SIO) project. The project demonstrated a capability to complete beyond visual line of sight (BVLOS) missions in complex airspace.

Parallel Flight Technologies/LIFT Aircraft (2 février)

Parallel Flight Technologies and LIFT Aircraft will collaborate to develop a hybridization solution for LIFT's HEXA eVTOL aircraft. Parallel Flight's proprietary Parallel Hybrid Electric Multirotor (PHEM) technology is claimed to offer improved payload range capability and eliminate the large batteries used in other hybrids.

Russia-based DSK Supply/China-based XAG (2 février)

Russia-based DSK Supply and Kuban State University are testing agricultural drones in Russia's Krasnodar Province made by Chinese partner XAG. The tests will explore their effectiveness for different tasks including seeding and spraying.

Kratos / Hypersonix Launch Systems (31 janvier)

Kratos has entered a partnership with Hypersonix Launch Systems to develop a hypersonic drone demonstrator called the DART AE. It will be 3D-printed out of high-temperature materials and powered by a single, fifth-generation SPARTAN clean hydrogen scramjet engine.

Blainjett Aviation/ Horizon Aeronautics (31 janvier)

Blainjett Aviation has conceived a lift-rotor configuration which promises to deliver significant efficiency and thrust improvements for eVTOL and other vertical-lift designs. Through a joint venture with Horizon Aeronautics, Blainjett has refined the design of Horizon's Hoverbike, a proposed short distance commuter vehicle similar to a jet ski.

Spatial

UK military space strategy (1 février)

The United Kingdom has released a new military space strategy and announced plans to invest \$1.9 billion in low Earth orbit satellites and other technologies over the next decade. It emphasizes the threats posed by anti-satellite weapons and emphasizes the role of the U.K.'s private space industry in developing capabilities for the military and fueling economic growth.

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Bright Ascension Ltd. (1 février)

Space software technology provider Bright Ascension Ltd., has secured an additional £500k of funding through private investments to support the development of its next generation satellite software infrastructure. It is based on the company's participation in the ESA ARTES Pioneer programme with the goal of developing innovative satellite constellations at a significantly reduced cost and within a reduced timeframe. Bright Ascension expects to produce early prototype versions by the end of 2022.

Orbital Prime -U.S. Space Force (28 janvier)

The U.S. Space Force Orbital Prime program will give companies seed money to develop the technology needed to remove space debris. In the first round of the program companies would win awards of \$250,000, with as much as \$1.5 million in a second round of funding. The program will culminate with an in-orbit demonstration.

China's Shijian-21 (27 janvier)

China's Shijian-21 space debris mitigation satellite has docked with the defunct Beidou-2 G2 navigation satellite and towed it beyond geostationary orbit. Tracking data indicate that Shijian-21 has been conducting sophisticated rendezvous and proximity operations (RPO) with other objects in and around the geostationary orbit belt since its launch in October last year.

Innovation

Phillips 66 Aviation (3 février)

Aircraft fuel provider Phillips 66 Aviation has partnered with industry sustainability solutions company 4Air on a new carbon offset program for its FBO and aircraft operator customers. 4Air, which focuses its activities on private aviation, identifies and obtains carbon offset credits that fund specific environmental programs to offset carbon emissions.

Safran Helicopter Engines -SAF (28 janvier)

Safran Helicopter Engines utilise sur ses bancs d'essais de Fareham UK, 38% de SAF. Ce taux augmentera jusqu'à 50%, le maximum actuellement autorisé. Il s'agit du premier site de Safran Helicopter Engines, hors de France, à utiliser du SAF.
