

Brèves de l'industrie aérospatiale – 11 juillet 2022

Industrie Aérospatiale

Safran Electronics & Defense (8 juillet)

Safran Electronics & Defense has acquired Orolia, a specialist in positioning, navigation and timing (PNT) with 435 employees in Europe and North America, and €100 million in revenues.

Embraer (7 juillet)

Embraer has signed a firm order for up to 10 Embraer E-Jet Passenger to Freight (P2F) conversions with an undisclosed customer. Aircraft for conversion will come from the customer's current E-Jets fleet, with deliveries starting in 2024.

Boeing (7 juillet)

Boeing could be forced to cancel the 737 Max 10 over regulatory issues. It has a December deadline to finalize certification, otherwise, it must meet new cockpit alerting requirements, unless they are waived by Congress. Boeing has 640 orders for MAX 10 aircraft from 17 airlines.

Collin Aerospace (7 juillet)

Collins Aerospace has opened a new additive manufacturing centre to expand global repair capabilities at its campus in Monroe, North Carolina.

Airbus (6 juillet)

Airbus prévoit de faire passer la production mensuelle d'A350 de 5 à 6 appareils au début de 2023 et celle des A330neo de 2 à 3 d'ici la fin de 2022. Des problèmes dans la chaîne d'approvisionnement restent un défi pour la montée en puissance prévue de 75 appareils par mois en 2025 pour la famille A320neo et pour l'objectif de livrer 720 avions commerciaux en 2022.

CFM International/ Air France-KLM (5 juillet)

Air France-KLM has signed an agreement with CFM International for the acquisition of 200 LEAP-1A engines to power its new fleet of Airbus A320neo and A321neo.

Curtiss-Wright Corporation / Safran Aerosystems Arresting Company (5 juillet)

Curtiss-Wright Corporation has acquired the Safran Aerosystems Arresting Company (SAA) for \$240 million in cash. SAA is a designer and manufacturer of fixed-wing aircraft emergency arresting systems with an installed base of over 5,000 systems in more than 70 countries.

Airbus Helicopters/ Norwegian Air Ambulance Foundation (5 juillet)

The Norwegian Air Ambulance Foundation, in collaboration with Airbus, is using its new five-bladed H145 helicopter for research projects related to improving Helicopter Emergency Medical Services (HEMS) in Norway.

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Bell Textron (5 juillet)

Bell Textron Inc. has sold seven Bell 505 helicopters to European customers; two of these sales were to JB Investments, a Polish distributor of light aircraft.

Vallair Industry (5 juillet)

Vallair Industry qui dispose déjà d'un atelier de 40 salariés, met en place une ligne de conversion d'avions passagers, en avions cargo dans un nouveau hangar sur l'aéroport de Châteauroux, pouvant accueillir un A380, ou jusqu'à cinq appareils de la famille A320.

Federal Economic Development Agency / Firan Technology Group Corporation (FTG) (4 juillet)

The Federal Economic Development Agency for Southern Ontario has announced over \$7 million for Firan Technology Group Corporation (FTG) to enhance productivity and expand offerings. FTG is a supplier of electronic products and subsystems to aerospace and defence markets.

Aviation Commerciale

IATA (7 juillet)

IATA's passenger data for May 2022 indicates that the recovery in air travel accelerated heading into the Northern Hemisphere Summer travel season. Total traffic measured in revenue passenger kilometers or RPKs was up 83.1% compared to May 2021, due mainly to the strong recovery in international traffic. Global traffic is now at 68.7% of pre-crisis levels.

Qatar Airways-Airbus A350 (5 juillet)

Airbus, in a dispute with Qatar Airways over damage to the painted surface of A350s, has revoked the contract for a fourth airplane.

Ryanair (5 juillet)

En juin 2022, Ryanair et ses filiales en Grande Bretagne, en Europe (Malta Air), en Pologne (Buzz) et en Autriche (Lauda) ont opéré plus de 88 500 vols et accueilli 15,9 millions de clients, contre 5,3 millions en juin 2021 avec un coefficient d'occupation de 95%. La hausse de trafic est régulière depuis le début de l'année : 7 millions en janvier, 8,7 en février, 11,2 en mars, 14,2 en avril et 15,4 en mai.

Aviation d'affaires

WingX Advance (7 juillet)

For the first half of 2022, Business aviation activity was up by 22 percent over the same period last year. During the first six months of this year, there were 2.7 million flights globally, with business jet activity up 27 percent year-over-year and 21 percent over 2019.

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Airbus Corporate Jets (7 juillet)

Airbus Corporate Jets has delivered an ACJ319neo from the final assembly line in Hamburg to an undisclosed new private customer in Western Europe. The aircraft will be managed by Jet Aviation and available for charter flights.

Mexique- Halcón 2 (5 juillet)

The Halcón 2 two-seater light-sport aircraft is the first 100% Mexican built and designed plane, and has completed its first flight as its manufacturer seeks type certification.

Pilatus / Strata (4 juillet)

An updated agreement between Strata (UAE) and Pilatus adds the production of Pilatus PC-24 interiors, beginning in the first quarter of 2023. Strata will add hot press parts to its current Pilatus work packages, which include the PC-24 belly fairings, flap track fairings, pylon fairings, bullet fairing, and tail cone.

Défense

Saab (7 juillet)

Saab participera au programme du futur drone MALE RPAS (Medium Altitude Long Endurance Remotely Piloted Aircraft System) européen. Saab a précisé avoir remporté un contrat avec Airbus Defence & Space pour fournir à l'Eurodrone des ordinateurs œuvrant à la sécurité dans les domaines de la gestion du vol et de l'intégration dans l'espace aérien.

P-8A – Germany (6 juillet)

Boeing, ESG Elektroniksystem- und Logistik-GmbH and Lufthansa Technik have signed a three-party agreement to support Germany's new P-8A Poseidon fleet. These three companies will be responsible for executing the P-8A sustainment program in Germany.

Lockheed Martin/Korea Air Force's F16 (5 juillet)

Lockheed Martin has received a further contract (US\$69.3m) to upgrade the Republic of Korea Air Force's (ROKAF's) fleet of 164 F-16C/D aircraft.

Northrop Grumman (5 juillet)

Northrop Grumman will develop new avionics capabilities for UH-1Y Venom and AH-1Z Viper attack helicopters under a \$337.94 million contract with the US Naval Air Warfare Center Weapons Division. Work is expected to be completed by June 2027,

Greece/ F35 (4 juillet)

The government of Greece plans to buy 20 F-35s and expects deliveries to begin in 2027-2028.

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Boeing/KC-135 (4 juillet)

Boeing has been awarded a contract to provide engineering sustainment services for KC-135 aircraft. Valued at \$14.5 million, it is projected to be completed by Mar 31, 2023.

South Korea F35 (2 juillet)

South Korea plans to purchase, by next year, 20 Lockheed Martin F-35 for \$3 billion for the Royal Korean Air Force (RCAF) and to be delivered by 2030.

MRO

Honeywell Aerospace /PGZ Group (7 juillet)

The PGZ Group has signed a memorandum with Honeywell to establish in-country component maintenance capacity and related military infrastructure for engines, propulsion systems, and electronics used by the Polish Armed Forces.

Aviation Maintenance Professionals (AMP) (6 juillet)

AMP has received certification from the Saudia Arabia General Authority of Civil Aviation (GACA) to provide maintenance, repair, and upgrades to Saudi-registered Gulfstream, Bombardier - Learjet, Hawker, and Dassault jets.

Safran (5 juillet)

Safran, plans to establish an MRO facility in India for the overhaul of LEAP-1A and LEAP-1B engines operated by Indian and foreign airlines. It estimates an initial capacity of 250 engine overhauls per year.

Drones – Advanced Air Mobility

Overair /Toray Composite Materials America (7 juillet)

Overair and Toray Composite Materials America have announced a strategic collaboration for utilization of Toray's advanced prepreg system in Overair's Butterfly prototype program. The Butterfly is a low-noise, zero-emission eVTOL aircraft.

Vertical Aerospace / Molicel (6 juillet)

Vertical Aerospace has established a strategic partnership with E-One Moli Energy Corp (Molicel), a leading manufacturer of lithium-ion cells, to supply high power cylindrical cells for Vertical's VX4 eVTOL aircraft through to certification and entry into service.

Evolito/Electroflight (6 juillet)

UK-based electric aircraft propulsion company Evolito has bought battery company Electroflight. Evolito is developing lightweight electric motors and controllers for aerospace applications. With the acquisition of Electroflight, Evolito will offer complete aircraft electric powertrain solutions.

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American Robotics/Airobotics (5 juillet)

American Robotics, a subsidiary of Ondas Holdings, will acquire Airobotics, an Israeli developer of autonomous unmanned aircraft systems (UAS). The merger is expected to close in the second half of 2022.

European Union Aviation Safety Agency (EASA) (1 juillet)

EASA has released what it calls the world's first comprehensive regulatory framework for urban air taxi flight operations covering "airworthiness, air operations, flight crew licensing, and rules of the air."

ZeroAvia (30 juin)

ZeroAvia has appointed CAA International (CAAI) to provide regulatory advisory services to support the design and development of its hydrogen fuel cell electric propulsion system. By analyzing the safety and regulatory aspects with CAAI, ZeroAvia aims to achieve Type Certification for the retrofitted hydrogen-electric powered aircraft by the end of 2024.

Spatial

Virgin Galactic (6 juillet)

Aurora Flight Sciences has received a contract from Virgin Galactic to manufacture a pair of twin-fuselage carrier planes that will operate as aerial launchpads for Virgin's next spacecraft. The new carrier planes will be designed to support 200 launches annually.

Northrop Grumman / Airbus U.S. Space & Defense (5 juillet)

Northrop Grumman Corporation has selected Airbus U.S. Space & Defense to provide satellite platforms for its proliferated-LEO constellation. Under the terms of the contract, Airbus U.S. will supply 42 satellite "bus" platforms, as well as support vehicle assembly, integration and testing.

Kongsberg Defence & Aerospace/ NanoAvionics (5 juillet)

Kongsberg Defence & Aerospace (Kongsberg) will acquire Lithuanian smallsat bus manufacturer and mission integrator, NanoAvionics. The companies will combine complementary technologies, including Kongsberg's spacecraft subsystems and satellite ground stations. NanoAvionics will contribute its smallsat expertise along with its 150 employees and customers in over 40 countries.

SpaceX (5 juillet)

The U.S. Federal Communications Commission (FCC) has approved SpaceX's application to provide satellite communications for vehicles while in motion. The approval is subject to certain limitations but paves the way for SpaceX to offer Ku-band airborne satcom using its Starlink satellite network.

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Innovation

Rolls-Royce (8 juillet)

Rolls-Royce is developing 'turbogenerator technology' that includes a small new engine designed for hybrid-electric applications. The system will be an on-board power source with scalable power offerings and will complement the 'Rolls-Royce Electrical' propulsion portfolio, enabling extended range on sustainable aviation fuels and later via hydrogen combustion.

Green hydrogen (7 juillet)

The International Council on Clean Transport's white paper on Performance Analysis of Evolutionary Hydrogen-Powered Aircraft has assessed the potential use of sustainable aviation fuels (SAFs), particularly liquid hydrogen (LH2). It suggests that the introduction of LH2 aircraft into the global fleet, starting in 2035, could contribute to aviation's 2050 climate goals. The aviation industry is responsible for around 2 percent of all greenhouse gas emissions. Liquid hydrogen could potentially replace kerosene, emitting only water, making it carbon-free.
