
Brèves de l'industrie aérospatiale – 18 avril 2022

Industrie Aérospatiale

ATR (13 avril)

En 2021, ATR a livré 31 avions et reçu 35 commandes, et prévoit une cinquantaine de livraisons en 2024.

Collins Aerospace (13 avril)

Collins Aerospace has created a new business unit called Advanced Structures that will focus on industrial capabilities and composite materials for hypersonics and next-generation military aircraft.

Boeing (12 avril)

En mars, Boeing a reçu 53 commandes (737 MAX et 777F) et a livré 34 avions soit 95 depuis le 1 janvier 2022. Boeing considère que 130 737 MAX, trois 787 et huit 777F sont à risque à la suite des sanctions contre la Russie. Le carnet de commandes est maintenant de 4 231 avions.

Boeing/Spirit AeroSystems (12 avril)

Boeing has awarded a contract to Spirit AeroSystems for the provision of engine pylons and nacelles that will be incorporated into Rolls-Royce F-130 engines for the USAF B-52H Stratofortress Commercial Engine Replacement Program. This programme is expected to replace 608 engines and Spirit will support extending the life of the B-52 through at least 2050.

Mecachrome (12 avril)

Le groupe Mecachrome achète l'entreprise Techni Protec Metal (TPM), basée à Sousse en Tunisie et spécialisée dans le traitement de surface, peinture et contrôle non destructif.

Honeywell International (11 avril)

Honeywell International is looking to expand its supplier base as it prepares to meet higher demand from Boeing and Airbus. Honeywell is focused on diversifying its supplier base of parts and raw materials in situations where the company sources them from two vendors.

Airbus/ BOC Aviation (11 avril)

Airbus received an order from BOC Aviation for 80 A320neo-family aircraft (10 A321XLRs, 50 A321neos, and 20 A320neos) to be delivered from 2027 to 2029. The current A320 production rate is 50 per month and is scheduled to be 61 by the end of 2022 and 65 by mid-2023.

Latécoère (11 avril)

Le groupe Latécoère achèterait deux entreprises américaines actives dans les aérostructures, représentant combinées 90 M€ de chiffre d'affaires; le coût de ce rachat serait de 95 M€.

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DCM

DCM ouvre un atelier de fabrication à l'AeroParc de Saint-Martin du Touch (Toulouse) à proximité de ses principaux clients aéronautiques et au départ avec trois salariés.

Aviation Commerciale

Eviation Aircraft/Cape Air (15 avril)

Eviation Aircraft and Massachusetts-based Cape Air, one of the largest commuter airlines in the United States, have announced a Letter of Intent (LOI) for the purchase of 75 all-electric Alice commuter aircraft.

Airbus / Air France-KLM (13 avril)

Air France-KLM a commandé quatre A350F Cargo. Lancé en 2021, l'A350F a enregistré 29 commandes et engagements de la part de cinq clients.

KF Aerospace (11 avril)

KF Aerospace, has introduced its new passenger air charter service for the leisure, tourism, and workforce transportation markets. Dubbed Aeroflyer, the charter airline will provide domestic and international charter programs using a fleet of Boeing 737NG aircraft.

Airports Council International/ world's busiest airport (11 avril)

About 4.5 billion people flew in 2021, according to the latest report from Airports Council International (ACI), about half of the 9.1 billion who flew in 2019.

2021 ranking	Airport	2021	% change vs. 2020	% change vs. 2019
1	Atlanta	75,704,760	76.4	-31.5
2	Dallas Fort Worth	62,465,756	58.7	-16.8
3	Denver	58,828,552	74.4	-14.8
4	Chicago O'Hare	54,020,339	75.1	-36.2
5	Los Angeles	48,007,284	66.8	-45.5
6	Charlotte	43,302,230	59.2	-13.4
7	Orlando International	40,351,068	86.7	-20.3
8	Guangzhou	40,259,401	-8.0	-45.1
9	Chengdu	40,117,496	-1.5	-28.2
10	Las Vegas	39,754,366	78.6	-23.1

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The European Commission / Russian airlines (11 avril)

The European Commission added 21 Russian airlines to the EU Air Safety List, banning Aeroflot, S7, UTair, and 18 others from EU skies to sanction Moscow for the invasion of Ukraine.

Aviation d'affaires**Bombardier Challenger 3500 / Red Dot (14 avril)**

Bombardier's Challenger 3500 super-midsize jet has earned "Best of the Best" recognition in the 2022 Red Dot Product Design category.

Pilatus Aircraft (12 avril)

In 2021, Pilatus Aircraft has delivered 152 aircraft (45 PC-24s, 88 PC-12 NGXs, 17 PC-21s, and two PC-6s), compared to 129 aircraft in 2020. Pilatus 2021 revenues were CHF 1.3 billion (\$1.39 billion), up 19 percent from 2020 (68% General Aviation).

International Aircraft Dealers Association's (IADA) (11 avril)

The International Aircraft Dealers Association's (IADA) first-quarter market report shows that the number of completed transactions of preowned business aircraft has increased by 35 percent in the first quarter, to 288, compared with 213 transactions a year earlier.

Jetnet iQ's (8 avril)

Jetnet iQ forecasts that 1,100 jet and turboprop business aircraft will be delivered this year, up about six percent from the 1,034 airplanes shipped in 2021.

Défense**USAF-AWACS (14 avril)**

The USAF's E-3G airborne warning and control system aircraft (AWACS) has, for the first time, demonstrated the ability, during a mission, to receive and process Electronic Warfare (EW) software updates derived from EW data collected and transmitted during flight.

Airbus Defence and Space (11 avril)

Airbus Defence and Space acquiert DSI Datensicherheit GmbH (DSI DS), fournisseur de systèmes de cryptographie et de communication. DSI DS opérera désormais sous le nom d'Aerospace Data Security GmbH.

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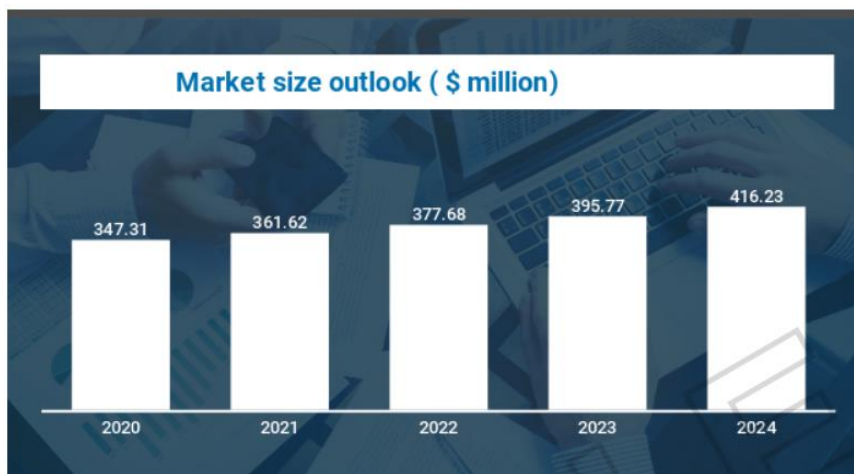
MRO

MHI RJ Aviation Group (13 avril)

MHI RJ Aviation Group unveiled its new aircraft maintenance facility at Macon Middle Georgia Regional Airport. It will provide technical and maintenance support for the global regional aircraft industry. The center will employ approximately 200 people.

Military helicopter MRO market/ Technavio (13 avril)

The military helicopter MRO market size is expected to grow by USD 1.61 bn from 2021 to 2026. North America will account for 39% of this growth during the forecast period.



Raisbeck Engineering (13 avril)

Raisbeck Engineering obtained FAA supplemental type certification for a drag-reduction system for the Cessna Caravan 208B to address the aerodynamic drag associated with the cargo pod. It comprises a composite forward cargo pod fairing and metal dual aft body strakes.

Muirhead Avionics (11 avril)

Under a ten-year agreement, Muirhead Avionics' specialist facility near London Heathrow airport will provide repair and on-going support for Honeywell's cockpit displays, control displays and display computers for ERJ 140/145/135/Legacy aircraft.

First Aviation Services / Heliblade (11 avril)

First Aviation Services is acquiring Heliblade, which services and repairs main and tail rotors for Bell, Airbus, and Leonardo helicopters. Heliblade joins First Aviation's two other helicopter rotor blade centers of excellence, Aviation Blade Services and Piedmont Propulsion Systems. These two companies perform repairs for main and tail rotor blades, as well as dynamic components, for the most popular Sikorsky, Bell, Airbus, and Leonardo helicopter models.

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Drones - Advanced Air Mobility

Eve Urban Air Mobility/ Zanite Acquisition (14 avril)

Eve Urban Air Mobility and Zanite Acquisition expect to complete their merger on May 9th and then float shares on the New York Stock Exchange. They expect the merger and Wall Street listing to raise nearly \$600 million; Embraer will be the majority shareholder with just over an 80 percent stake.

Wisk Aero/ Skyports (14 avril)

Wisk Aero is collaborating with Skyports, a vertiport designer and operator. The companies have created a Concept of Operations that describes requirements for accommodating safe, autonomous eVTOL operations, including necessary upgrades, procedure changes, and retrofits.

Lockheed Martin (13 avril)

Lockheed Martin's specially configured Stalker unmanned drone successfully completed a continuous endurance flight of 39h, 17min. If certified, the flight would represent the longest ever by an aircraft weighing between 5-25kg (11-55lb).

Archer Aviation (12 avril)

Archer Aviation and Hexcel are close to signing an agreement stating that Hexcel would supply Archer with high-performance carbon fiber material for the manufacture of production aircraft.

Spatial

TransAstra, / ReOrbit (14 avril)

TransAstra, a provider of breakthrough orbital logistics and space domain awareness solutions, and ReOrbit, a provider of software-defined small satellites for beyond LEO missions, have signed binding contracts for initial spacecraft development and orbital logistics services.

MDA (12 avril)

MDA have announced that they will provide robotic arm technology to the Lunar Mobility Vehicle (LMV) effort of Lockheed Martin and General Motors as part of NASA's Artemis Mission's Lunar Terrain Vehicle opportunity. Lockheed Martin will lead the team and General Motors will provide "state-of-the-art battery-electric technologies and propulsion systems."

Canadian Space Agency (11 avril)

The CSA president has stated that CSA is building a "space hub" at its headquarters. It will "bring in companies and scientists to have access to regular and predictable launch opportunities, access to science missions, technology demonstration and development". It will focus on CSA's four priority areas, space for climate, advancing Canada's expertise in robotics, deep space food and deep space health.

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Aerojet Rocketdyne (11 avril)

Aerojet Rocketdyne has confirmed an order from United Launch Alliance for 116 RL10 engines, the largest order to date for the engine type. The purchase comes soon after Amazon's selection of Arianespace, Blue Origin and ULA to launch up to 3,236 satellites for its Project Kuiper broadband constellation.

Thales Alenia Space / AIKO (8 avril)

Thales Alenia Space et AIKO, startup italienne en IA, vont coopérer pour le développement de capacités logicielles avancées pour les systèmes spatiaux, en particulier sur l'utilisation de l'intelligence artificielle et l'apprentissage automatique.

Innovation

Airbus / Kawasaki Heavy Industries (13 avril)

Airbus et Kawasaki Heavy Industries ont signé un protocole d'accord à Tokyo pour explorer les aspects de la chaîne d'approvisionnement en hydrogène tels que la production, la livraison aux aéroports, puis le transfert vers des avions à hydrogène.

Airbus (12 avril)

Airbus has completed wind-tunnel testing of its eXtra Performance Wing demonstrator. This project takes inspiration from nature to improve wing aerodynamics and performance that is intended to be compatible with any future aircraft configuration and propulsion system. Its primary goal is to reduce CO2 emissions.
