

Brèves de l'industrie aérospatiale – 14 mars 2022

Industrie Aérospatiale

Leonardo (11 mars)

Leonardo a vu son bénéfice net augmenter de 142% à 587 M€ en 2021 (contre 243 M€, soit une baisse de 70,4%, en 2020). Le chiffre d'affaires s'est accru de 5,4%, à 14,13 Md€, grâce au secteur militaire et gouvernemental (88% des revenus du groupe). Les nouvelles commandes ont atteint 14,3 Md€, en hausse de 4%.

Gastops (10 mars)

Gastops has received an investment from Raytheon Intelligence & Space under Canada's Industrial and Technological Benefits (ITB) program to support a multi-year research and development collaboration with Pratt & Whitney for the next generation of critical equipment intelligence solutions for commercial and military aircraft engines.

Bell Textron / Safran (10 mars)

Safran Helicopter Engines et Bell Textron annoncent un partenariat pour évaluer l'utilisation de carburant aérien durable (SAF) sur l'hélicoptère Bell 505 et son moteur Arrius 2R.

Spirit AeroSystems / Airbus (10 mars)

Airbus a signé un accord avec Spirit AeroSystems pour le développement et la fabrication des ailes du futur eVTOL CityAirbus NextGen, à Belfast.

Airbus Helicopters (10 mars)

Airbus Helicopters a remporté au salon HAI Heli-Expo des commandes pour 36 appareils, dont 11 H145, 12 H125 et 13 H135 confirmant la reprise du marché.

Airbus (9 mars)

En février 2022, Airbus a livré 49 avions soit un total de 79 appareils livrés depuis le début de l'année (26 appareils de plus que sur les deux premiers mois de 2021). Airbus a obtenu 113 nouvelles commandes (50 A220, 53 A320, 3 A330, et 7 versions cargo de l'A350).

Pratt & Whitney Canada (9 mars)

P&WC has received an order from Spain to supply PW206B3 engines to power 36 Airbus H135 helicopters. Spain is updating H135 helicopters flown by its navy, air force and national police.

Leonardo /The Helicopter Company (9 mars)

The Helicopter Company of Saudi Arabia has placed an order valued at \$300 million for 16 more Leonardo AW139s, with an option for seven additional helicopters. Deliveries will begin later this year and extend over the next three years, with the new aircraft joining an existing THC fleet of seven AW139s.

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Airbus Helicopters /The Helicopter Company (9 mars)

Airbus Helicopters et The Helicopter Company ont signé un accord pour poursuivre l'expansion des activités liées aux hélicoptères et d'introduire la mobilité aérienne urbaine en Arabie Saoudite. THC est le premier et le seul fournisseur de services d'hélicoptères autorisé à effectuer des vols commerciaux en Arabie Saoudite. L'accord prévoit la décarbonation des opérations de vol pour les produits Airbus de la flotte de THC.

CAE (8 mars)

CAE a cessé de fournir des services de formation aux pilotes de compagnies aériennes russes ainsi qu'aux exploitants d'avions d'affaires et transporteurs de fret dans son réseau de formation. La société a également cessé de vendre des simulateurs à des compagnies aériennes russes et d'en assurer la maintenance, et de desservir les distributeurs de CAE Santé.

Lockheed Martin- Saudi Arabia (8 mars)

Lockheed Martin will invest more than \$1 billion in manufacturing in Saudi Arabia to support efforts by Saudi Arabia's military industry regulator GAMI and state-owned defence firm SAMI to boost local industry. Lockheed Martin would invest in opportunities with local companies and government entities to base some of its industrial activity in Saudi Arabia.

Astronics (8 mars)

Astronics reported a \$7 million increase in aerospace segment sales for 2021, comprising a 21.1% increase in commercial aerospace sales and a slight increase in general aviation avionics sales. Astronics expects higher demand in the general aviation segment based on the surge in business jet operations.

Sommet Aéronautique et Spatial de Bordeaux (8 mars)

Le Sommet Aéronautique et Spatial de Bordeaux Métropole tiendra sa 2ème édition le mardi 11 octobre 2022. Cette journée de débats mêlant intervenants régionaux, nationaux et internationaux de la filière aéronautique et spatiale, sera consacrée au thème: « La dimension internationale de l'aviation décarbonée ».

JSFirm -Job opportunities (8 mars)

Job opportunities in the aviation industry have increased 30% from pre-pandemic figures, with helicopter-related openings comprising 40% of postings according to employment service JSFirm (TX). Demand is surging across several positions, including pilots, airframe-and-powerplant mechanics, sheet metal technicians, avionics specialists and engineers. Competition between companies is fierce and showing no signs of slowing down.

Buy American Act (7 mars)

The Buy American Act is being updated to increase the threshold of domestically produced components from 55% to 75% in 2029 along with further changes that aim to "support the development and expansion of domestic supply chains for critical products by providing a source of stable demand for domestically-produced critical products."

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Boeing (5 mars)

Boeing has announced preliminary plans to boost production of its B737 family to around 47 aircraft per month by the end of 2023.

Dassault Aviation (4 mars)

En 2021, le chiffre d'affaires de Dassault a été de 7,2 Md€. Dassault a reçu 12 Md€ de commandes (3,463 Md€ en 2020) pour 100 avions (49 Rafale et 51 Falcon), et a livré 30 Falcon et 25 Rafale.

Aviation Commerciale

Avianca/Airbus (9 mars)

Avianca, the Bogota, Colombia-based airline, has confirmed an order for 88 A320neos under a new purchase agreement with Airbus that includes an option to acquire 50 additional aircraft. Avianca will start receiving its first new A320neos from the order in 2025.

DHL Express /Boeing 777 Freighters (9 mars)

DHL Express has placed an order for six additional 777 Freighters. The purchase takes DHL Express' order book total to 28 777 Freighters.

Breeze Airways (9 mars)

Breeze Airways has selected in-flight connectivity (IFC) service provider Viasat for its Airbus A220-300 fleet. Salt Lake City-based Breeze launched operations last year with a mixed fleet of Embraer E-190, E-195 and A220-300 jets.

Cathay Pacific (9 mars)

Cathay Pacific reported a net loss for 2021 as flight bans and quarantine restrictions have reduced the airline's passenger flying to 2% of pre-pandemic capacity.

Air Canada -vol humanitaire (8 mars)

Air Canada assurera un vol humanitaire pour la Pologne avec de l'équipement médical provenant d'Airlinck et de Project C.U.R.E. GlobalMedic acheminera des fournitures médicales, des pansements et des fournitures de soins des plaies à un hôpital de Lyiv, en Ukraine.

Jetcraft (7 mars)

Jetcraft Commercial Limited, the commercial aircraft division of aircraft trading firm Jetcraft, has acquired 14 Bombardier CRJ1000 airliners from HOP!, the regional arm of Air France.

Jet2 (7 mars)

Jet2 a commandé des moteurs LEAP-1A de CFM International pour ses 75 Airbus A321neo incluant des moteurs de rechange et un contrat de support et services à long-terme.

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Aviation d'affaires

Argus- Business aviation activity February 2022 (8 mars)

In February 2022 global business aviation flight activity was up more than 40% year-over-year, with an almost 30% increase in North American flights. European activity rose 86.4% compared with February 2021, and nearly 20 percent from February 2020.

Robinson Helicopter (8 mars)

In 2021, Robinson Helicopter delivered 244 helicopters (33 R22s, 10 R44 Cadets, 34 R44 Raven IIs, 81 Raven IIs, and 86 R66s) compared to 177 units in 2020. Robinson has a backlog of 300 helicopters.

Défense

Lockheed Martin F-35 - Production rate (8 mars)

Testing delays in the F-35's critical Joint Simulation Environment will push a decision on whether to transition the F-35 to full-rate production into late fiscal 2023 and perhaps into fiscal 2024. Lockheed Martin and the F-35 Joint Program Office agreed in September 2021 that F-35 production will peak at 156 aircraft per year in 2023.

Rolls-Royce-Boeing B-52 (8 mars)

Boeing will install new F130 engines built by Rolls-Royce North America on US Air Force B-52 bombers, extending their service lives. Rolls-Royce is supplying the engines under a \$2.6 billion contract.

Sikorsky Aircraft (8 mars)

Sikorsky Aircraft recently completed the first autonomous and uncrewed S-70 Black Hawk flight under the "Aircrew Labor In-Cockpit Automation System" project of the Defense Advanced Research Projects Agency (DARPA).

BAE Systems (7 mars)

BAE Systems has completed its \$200 million acquisition of Bohemia Interactive Simulations (325 employees), a deal that expands its work in modeling and simulation for military customers.

Chine (7 mars)

La Chine augmente ses dépenses militaires de 7,1% en 2022 par rapport à 2021 (+6,8%). Il s'agit de la plus forte progression depuis 2019 (+7,5%). Avec 1 450 milliards de yuans (230 Md\$), la Chine dispose du deuxième budget de défense mondial, après les États-Unis (740 Md\$ prévus pour 2022)

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MRO

Safran Landing Systems / Aircraft Accessories and Components Company (10 mars)

The Aircraft Accessories and Components Company a signé un accord de partenariat de quatre ans avec Safran Landing Systems pour la MRO des trains d'atterrissage des avions commerciaux et des hélicoptères militaires d'Arabie Saoudite.

Advanced Composite Structures (Winnipeg) (9 mars)

Brightwater United Aero Group will acquire the Advanced Composite Structures (ACS) Group of Companies that include ACS and Rotor Tech International (RTI). Both companies have extensive experience in rotor blade repair.

Safran- All Nippon Helicopter (9 mars)

All Nippon Helicopter a signé avec Safran Helicopter Engines un contrat Support-By-the-Hour pour les deux moteurs Arrano de son nouvel hélicoptère Airbus H160. Ce contrat de MRO est le tout premier contrat de service à l'heure de vol signé pour ce type de moteur.

Embraer (7 mars)

Embraer has launched the E190F and E195F, extending the lives of aging E-Jets and entering the passenger-to-freighter conversion market for the first time. Embraer will make the conversion available for all used E190 and E195 aircraft and plans for entry-into-service in early 2024,

Drones - Advanced Air Mobility

CAE / Joby Aviation (9 mars)

CAE a un partenariat avec Joby Aviation Inc. visant à développer et à certifier les dispositifs de formation au vol adaptés à son avion électrique à décollage et atterrissage vertical pour former une nouvelle génération de pilotes.

FlightSafety International / Lilium / Netjets (8 mars)

FlightSafety International, Lilium, and NetJets have agreed that FlightSafety International will provide crew training products and services for Lilium Jet operators.

Jaunt Air Mobility (8 mars)

Jaunt Air Mobility has announced an alliance with engineering services group L&T Technology Services (LTTs) to work on the development of the all-electric, five-seat Journey eVTOL that it aims to bring into commercial service by 2026. Jaunt is also working with VerdeGo Aero on a hybrid-electric version of the aircraft with a longer range than the 70-miles of the initial model.

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BAE Systems and Pipistrel Aircraft (7 mars)

BAE Systems and Pipistrel Aircraft will explore the development of lightweight sustainable aircraft, combining BAE Systems' expertise in advanced military aircraft with Pipistrel's knowledge in electrically powered aircraft. They will focus on building solutions for the defence and security sectors, including the use of electric aircraft to minimise carbon emissions.

Volocopter (7 mars)

South Korea's WP Investments, along with Honeywell and previous investor Atlantis, are the main backers for a \$170 million funding round for eVTOL developer Volocopter. Volocopter has now raised a total of \$579 million. The funds will support Volocopter's efforts to bring the two-seat VoloCity vehicle to market, as well as to complete the development of its VoloDrone autonomous freighter and the larger VoloConnect passenger aircraft.

Spatial**MDA (8 mars)**

MDA has secured special authorization from the Government of Canada to collect Synthetic Aperture Radar (SAR) satellite imagery over restricted areas in Ukraine to develop comprehensive near real-time intelligence reports for Ukrainian government officials.

Lockheed Martin (3 mars)

Lockheed Martin is considering building manufacturing and R&D facilities in the North East of the UK (up to 2,300 people; investment of over US\$67million), and is looking to partner with businesses and skills organizations to support its plans.

Innovation**Pratt & Whitney, Raytheon (8 mars)**

Pratt & Whitney, Raytheon Missiles & Defense, and Raytheon Technologies Research Center are jointly working with the US Air Force Research Laboratory to advance a rotating engine detonation concept. The design promises flight at higher Mach numbers.

Swiss International Airlines - Synhelion/ kérosène dit « Sun-to-liquid » (5 mars)

Swiss International Airlines (SWISS), a une collaboration stratégique avec Synhelion en vue de l'utilisation de « carburant solaire ». SWISS sera, en 2023, la première compagnie aérienne au monde à utiliser du kérosène dit « Sun-to-liquid »; procédé qui utilise la chaleur solaire concentrée pour produire du gaz de synthèse, à partir duquel le kérosène est ensuite transformé selon des processus industriels standard. Synhelion construira cette année à Jülich (Allemagne) la première installation au monde de production industrielle de ce carburant.

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