

Brèves de l'industrie aérospatiale – 2 mai 2022

Taux de production Airbus/Boeing

Airbus:

- A320 à 65 exemplaires par mois d'ici à mi-2023 contre moins d'une cinquantaine par mois actuellement.

Boeing :

- B737 MAX Production steadily increasing and on track to reach a rate of 31 aircraft per month in Q2 2022.
- B787 Production is currently at a very low rate and will continue to be until deliveries resume with an expected gradual return to 5 aircraft per month.
- B777-9 Production temporarily paused through 2023.

Industrie Aérospatiale

Airbus / Safran (29 avril)

Airbus and Safran have agreed on engine supplies for 2024, which could be a sign of the ramp-up in production rates of the A320. Airbus had previously advised it plans to raise monthly output to 70 in the first quarter of 2024 and maybe as high as 75 a month during 2025.

GIFAS -Résultats 2021 filière aéronautique France (28 avril)

Le chiffre d'affaires a atteint 55,2 Md€ (+7,2% à périmètre constant) dont 37,3 Md€ (+10%) d'exportation. Le secteur civil représente 65% du chiffre d'affaires (+2%). Les activités Défense ont représenté un chiffre d'affaires de 19,5 Md€ (+18% à périmètre constant) dont 10,3 Md€ d'exportation (+24%). Les commandes ont progressé de 68%, à 50,1 Md€ (45% civil/55% défense). La filière prévoit 15 000 recrutements en 2022.

Thales (28 avril)

Thales a réalisé un chiffre d'affaires au 1er trimestre de 3,7 Md€, en hausse de 4,4%. La division aérospatiale, regroupant l'aéronautique civile et le spatial, est en hausse de 5,6% à 1 Md€.

Tarmac Aerosave (28 avril)

Tarmac Aerosave filiale d'Airbus, Safran Aircraft Engines et Suez, vient d'inaugurer un 5ème et nouveau hangar dédié aux moteurs, à Tarbes.

Boeing financial first quarter report (27 avril)

Boeing lost \$1.2 billion in the first quarter. Group revenues fell 8% from last year to \$14 billion and free cash flow was estimated at -3.6 billion for the quarter.

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Pratt & Whitney / Air Canada (27 avril)

Air Canada a sélectionné le moteur GTF de Pratt & Whitney pour ses 30 Airbus A321XLR (plus 14 options) commandés auprès d'Airbus et des loueurs Air Lease et AerCap.

Certification Center Canada / Chrono Aviation (27 avril)

Certification Center Canada (3C) has signed an MOU with WAAS Aerospace Inc., and their sister company Chrono Aviation to strengthen their aerospace collaboration in Saint-Hubert, QC.

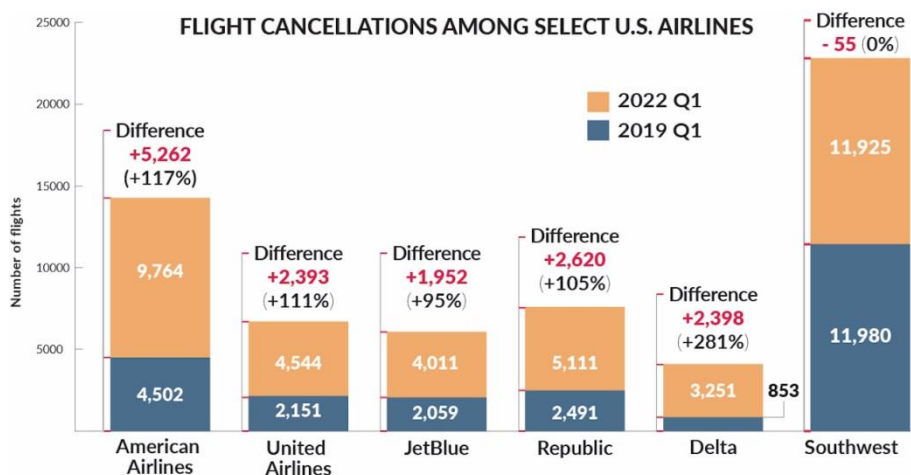
Vita Inclinata (26 avril)

Vita Inclinata has delivered its helicopter load stabilisation system named Vita Rescue System (VRS) to Ukraine. VRS mitigates litter basket swinging and spinning during hoist operations.

Aviation Commerciale

FlightAware - US Airlines cancellations Q1 2022

Statistics from FlightAware show a 31.6 percent increase in cancellations and a three percent increase in delays in the first quarter of this year compared with the same period in 2019.



EasyJet / GKN Aerospace (28 avril)

EasyJet will support the development of GKN Aerospace's Hydrogen Combustion (H2JET) and Hydrogen Fuel Cell (H2GEAR) technology as part of the airline's ambition to de-carbonise aviation. EasyJet will provide insights into operational requirements and economics.

Viva Air Columbia / Safran Nacelles (27 avril)

Safran Nacelles et Viva Air Columbia ont signé un contrat de services d'une durée de 10 ans portant sur les Airbus A320neo équipés de moteurs LEAP-1A de CFM International.

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Air Canada first quarter 2022 financial results (26 avril)

Air Canada's first-quarter operating loss was C\$550 million (US\$429.7 million) on revenues of \$2.57 billion (US\$2.01 billion) versus an operating loss of C\$1.05 billion (US\$820.3 million) in Q1 2021. Passenger revenue of C\$1.92 billion (US\$1.5 billion) increased nearly five times from the first quarter of 2021. Air Canada Cargo first quarter 2022 revenue is up 42% to \$398m from the first quarter of 2021. March 2022 ticket sales were 90 per cent higher than March 2019.

Canada JetLines (26 avril)

Canada Jetlines signed a partnership with Safran Landing Systems to equip its Airbus A320 fleet. Canada Jetlines expects a fleet of 15 aircraft by 2025,

SAS Scandinavian Airlines / Digital Alliance (26 avril)

SAS Scandinavian Airlines is the launch customer for a new 'Skywise Predictive Maintenance' (SPM) solution. It is the first to combine predictive maintenance algorithms from Airbus (OEM), Delta TechOps (MRO and operations) and GE Digital (software).

Qatar /Airbus A321neo (26 avril)

The UK's high court has denied a request by Qatar Airways to force Airbus to keep building A321neo aircraft for the airline. Airbus is free to market the A321neo to other carriers, while the two sides remain locked in a separate disagreement over the safety of larger A350 jets.

British Airways (25 avril)

British Airways met en place sa première base à l'étranger (Madrid) pour les vols court-courriers afin de lutter contre la pénurie de personnel qui a provoqué la pire vague d'annulations de la décennie. Le personnel de cabine sera embauché localement.

Aviation d'affaires**Textron Aviation (28 avril)**

Textron Aviation delivered 39 Citations in the first quarter, up from 28 in 2021. Turboprop deliveries increased to 31 from 14 in the same period. Textron Aviation's revenue of \$1 billion and \$121 million profit were driven by higher deliveries of both jets and turboprops.

Gulfstream G700 (27 avril)

Gulfstream Aerospace G700 certification, planned for the fourth quarter, could be delayed by three to six months due to a new FAA requirement to perform a line-by-line software validation.

ExecuJet (27 avril)

ExecuJet MRO Services will open a new business aviation MRO center in Dubai. The 15,000-sq-m (163,000-sq-ft) facility is designed to accommodate 18 to 24 large cabin business jets at a time.

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Gulfstream Aerospace /Jet Aviation (27 avril)

First quarter revenues of General Dynamics' aerospace unit (Gulfstream Aerospace and Jet Aviation) were \$1.9 billion. Gulfstream shipped 21 large-cabin jets and four super-midsize G280s in the quarter. Gulfstream is forecasting 124 deliveries this year, five more than last year.

Boeing Air Force One (27 avril)

Boeing's CEO said that he should have rejected president Trump's terms to build two new Air Force One aircraft after disclosing the company has lost \$660 million transforming two 747s.

Private Jet Card (25 avril)

Hourly costs for fixed/capped rate charter jet cards have climbed 21 percent since the fourth quarter of 2020 and 5 percent since the end of 2021.

Défense

Sipri (26 avril)

Sipri, l'Institut international de recherche pour la paix, a rapporté que les dépenses militaires mondiales ont atteint 2 113 Md\$, une hausse de 0,7% par rapport à l'année précédente. Les Etats-Unis (801 Md\$) et la Chine (293 Md\$) représentent plus de la moitié des dépenses.

Germany / CH-47F Chinook (23 avril)

Germany will buy 60 Boeing CH-47F Chinook helicopters for \$5.4 billion in response to Russia's invasion of Ukraine. Germany selected the Chinook in part due to its use by NATO allies.

L3Harris Technologies / Royal Canadian Air Force (23 avril)

L3Harris Technologies has been awarded a four-year, \$482 million contract extension by the Royal Canadian Air Force for in-service support of the CF-18 Hornet fleet. The CF-18 fleet is expected to be fully retired by 2032.

MRO

Safran/AJW Group (27 avril)

Safran et AJW Group ont signé un contrat exclusif d'une durée de cinq ans pour la maintenance de générateurs électriques, de contacteurs électriques et d'équipements pour systèmes de ventilation présents sur plus de 350 Airbus A320 et A330 appartenant aux clients d'AJW Group.

Magellan Aerospace / General Electric Aviation (26 avril)

Magellan Aerospace has signed a long-term agreement with General Electric Aviation for the repair and overhaul at its Winnipeg, MB facility of major components for the GE F414-GE-400 engine, which powers Boeing's F/A-18 Block III Super Hornet fighter jet.

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Boeing Global Services /Spirit AeroSystems (26 avril)

Boeing Global Services has announced a new agreement with Spirit AeroSystems to expand its MRO footprint in support of nacelle and flight control repairs for the global 737 MAX fleet.

iAero Thrust (25 avril)

iAero Thrust has opened a new FAA-certified engine test cell facility in Medley, FL for MRO and engine testing focused on the CFM56 engine family.

Safran Helicopter Engines (26 avril)

Safran Helicopter Engines et la Direction de la Maintenance Aéronautique (DMAé) ont renouvelé pour une durée de 10 ans le contrat pour le maintien en condition opérationnelle des 1 600 moteurs d'hélicoptères de l'État français. Ce contrat, dénommé Saturne (Soutien avancé des turbines de l'Etat), est piloté depuis le site de Safran à Tarnos.

GA Telesis (25 avril)

GA Telesis MRO Services Composite Group has complete capabilities to support CFM LEAP engine nacelle components at its FAA/EASA/CAAC-approved repair station in Florida.

Drones - Advanced Air Mobility**Airbus/ ITA Airways (27 avril)**

Airbus and ITA Airways have signed an MoU to collaborate on Urban Air Mobility (UAM) in Italy. They will explore the creation of tailored UAM services for strategic use cases.

LCI/BETA Technologies (27 avril)

LCI, a subsidiary of the Libra Group, has signed an agreement with BETA Technologies (BETA), to acquire up to 125 of BETA's ALIA-250 eVTOL aircraft, with an initial firm order for 50 aircraft.

BRINC Drones /Skydio (26 avril)

BRINC Drones, établi à Seattle, a fait don de 10 drones à l'Ukraine et en a vendu environ 50 autres pour aider le pays à se défendre. Skydio, de la Silicon Valley, a offert plusieurs dizaines de drones au ministère ukrainien de la Défense, et des centaines d'autres ont été vendus à des organisations non gouvernementales et à des gouvernements soutenant l'Ukraine.

Blade Air Mobility (25 avril)

Blade Air Mobility, the US eVTOL developer has announced the creation of a European arm, Blade Europe, which will be based in Paris, France. Two former Airbus Helicopter Executives will lead this European subsidiary.

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Eviation/Cape Air (25 avril)

Eviation a reçu une déclaration d'intention de la compagnie régionale américaine Cape Air de commander 75 avions régional électrique Alice. Cape Air exploite 103 avions pour assurer plus de 400 vols par jour sur la côte Est des États-Unis.

Urban-Air Port / Supernal (25 avril)

Urban-Air Port and eVTOL developer Supernal have unveiled a fully functional “multimodal infrastructure hub” in Coventry, England to support eVTOL and drone operations.

NASA (25 avril)

NASA’s electric experimental aircraft, the X-57 “Maxwell,” is being prepared for the installation of batteries and should fly by year-end. The X-57 is a modified Tecnam P2006T. Its two Rotax gasoline-powered engines are replaced by 14 leading-edge-mounted electric motors.

Spatial

Northrop Grumman Corp. /Lockheed Martin (26 avril)

Northrop Grumman Corp. and Lockheed Martin successfully performed the final full-scale ground test of the abort motor for NASA’s Orion spacecraft Launch Abort System (LAS) at Northrop Grumman’s Promontory, Utah, test facility.

Innovation

VoltAero (26 avril)

VoltAero’s Cassio 1 hybrid-electric aircraft is set to surpass 10,000 km flown. It is equipped with VoltAero’s 600-kilowatt parallel hybrid-electric propulsion system that it plans to use in its family of four-to-12-seat aircraft. The company plans to begin deliveries by the end of 2023.

H2FLY (25 avril)

HY4, the hydrogen powered four-seater aircraft developed by H2FLY of Stuttgart, Germany, has achieved a record altitude of 7,230 ft. Having first flown in 2016, the demonstrator aircraft has conducted more than 90 test flights and is being used as a development platform for a planned 40-seater hydrogen-electric Dornier 328, which H2FLY says will be introduced in 2025.

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