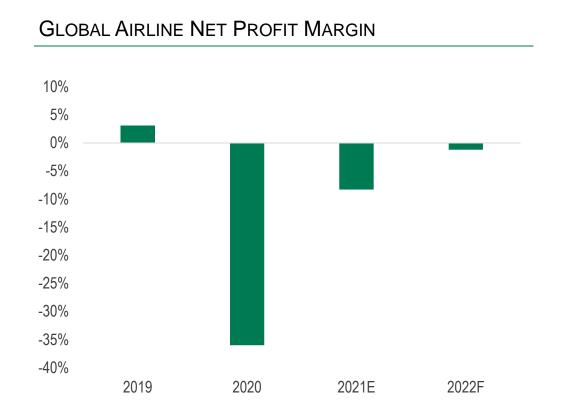


Today's Agenda

- 1. Aviation Industry Update
- 2. Global Fleet & MRO Demand Forecast
- 3. MRO Industry Trends

1. AVIATION INDUSTRY UPDATE

Airline losses continue to improve, led by North America...while other regions continue to struggle



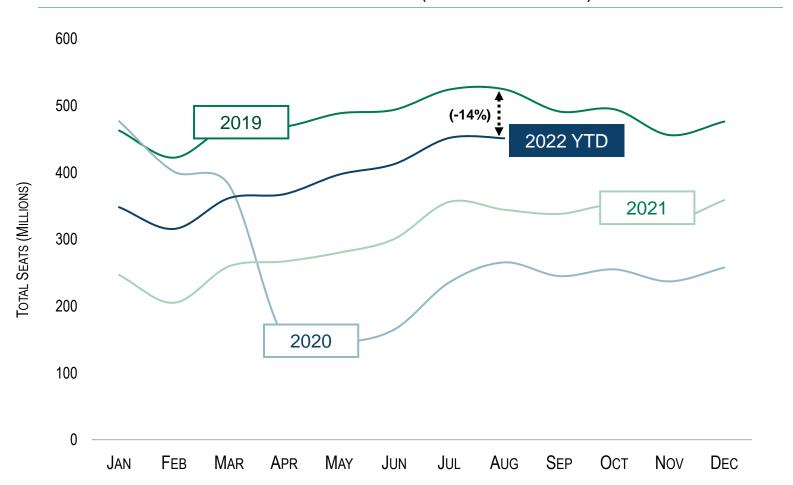
COMMERCIAL AIRLINE NET PROFIT BY REGION (BILLIONS)





Global passenger traffic continues to improve, but significant headwinds remain...

GLOBAL MONTHLY COMMERCIAL ACTIVITY (SEATS - MILLIONS)



Alton Insight

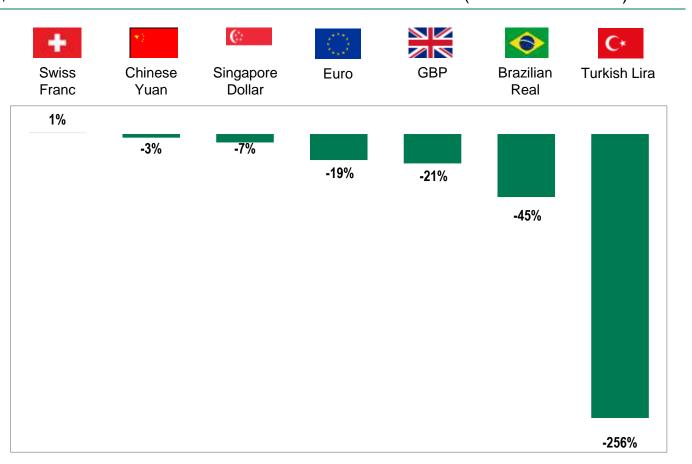
Driven by post-pandemic challenges and geopolitics, significant headwinds remain for airlines, MROs, and OEMs

- Ukraine, China, Taiwan...
- Supply chain challenges
- Fuel costs
- Labor shortages
- Inflation
- Super strong \$US dollar
- Global recession???



As a result of post-pandemic geopolitical, supply chain, and fiscal policy actions, the strength of the US dollar creates additional cost challenges for global aviation

\$USD vs Major Global Currencies % Value Change (Jan '19 – Sept '22)

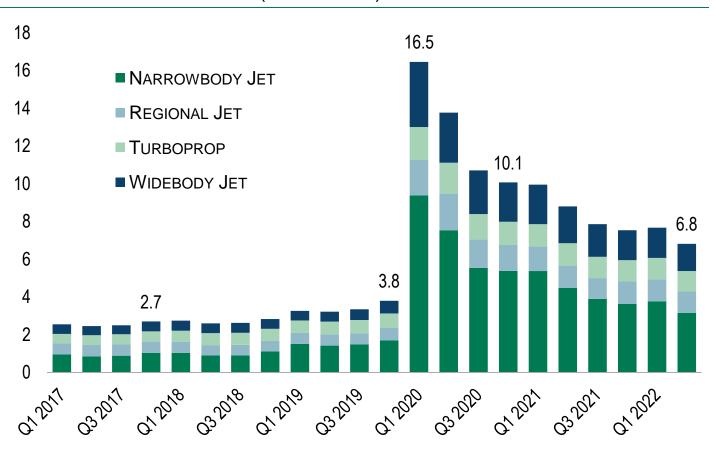


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- Jet fuel sold in \$USD = higher operating costs
- Engine & component cost per flight hour agreements sold in \$USD = higher maintenance costs
- Aircraft financing becomes more expensive (both interest rates and FOREX)
- Good news for Americans traveling aboard...

Current inactive aircraft fleet remains stubbornly high...roughly double the pre-pandemic count

PARKED & STORED AIRCRAFT (THOUSANDS)



Alton Insight

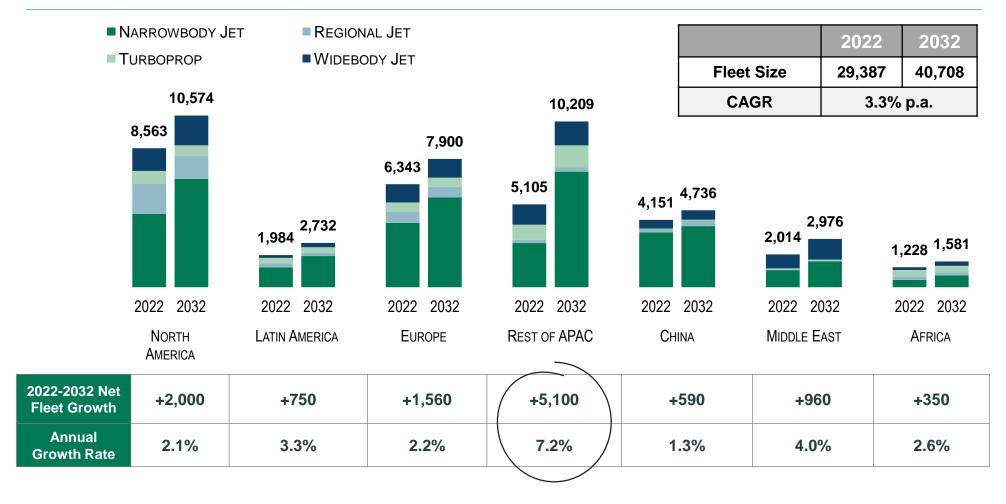
Airlines and Lessors continue to remain surprisingly optimistic, maintaining the option to bring aircraft back in service

- Uncertainty around pending recession, supply chain impact to narrowbody production ramp-up, Boeing 737MAX 7/10 regulatory certifications, etc.
- Demand for widebody aircraft / international travel remains soft
- Net net; fewer aircraft part-outs = limited USM availability

2. GLOBAL FLEET & MRO DEMAND FORECAST

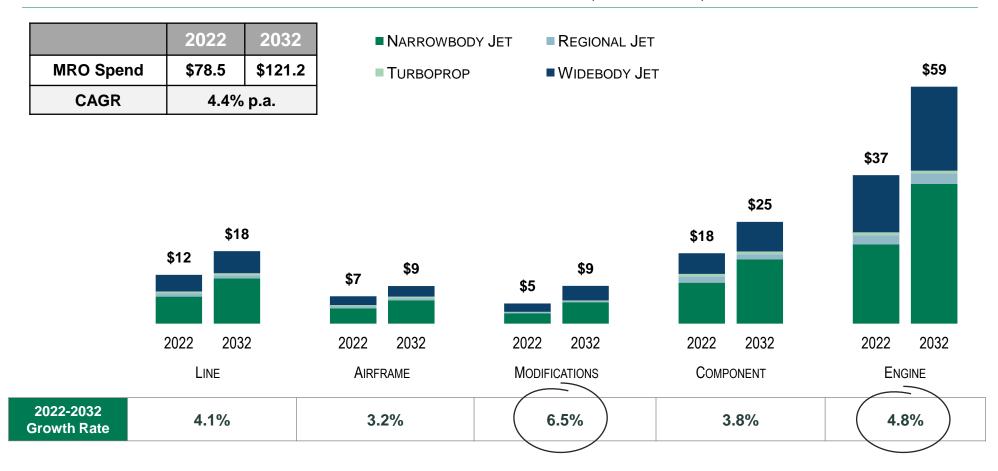
Alton's global fleet forecast; widebody aircraft orders could use a vaccination booster...

GLOBAL COMMERCIAL AIRCRAFT FLEET FORECAST BY REGION



Alton's global commercial MRO demand forecast; while the modifications segment is the fastest growing, engine MRO continues to consume an ever-increasing share of total spend

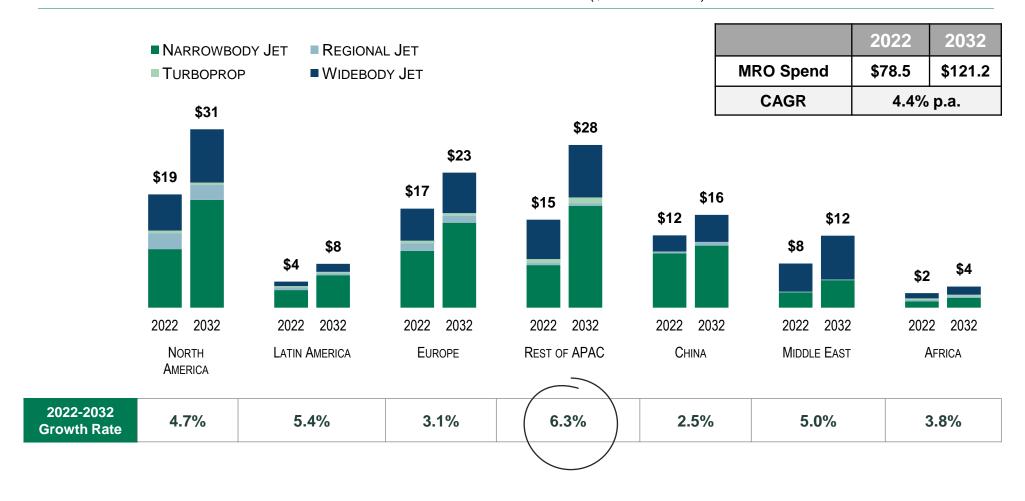
GLOBAL COMMERCIAL MRO DEMAND FORECAST BY SEGMENT (\$USD BILLIONS)



10

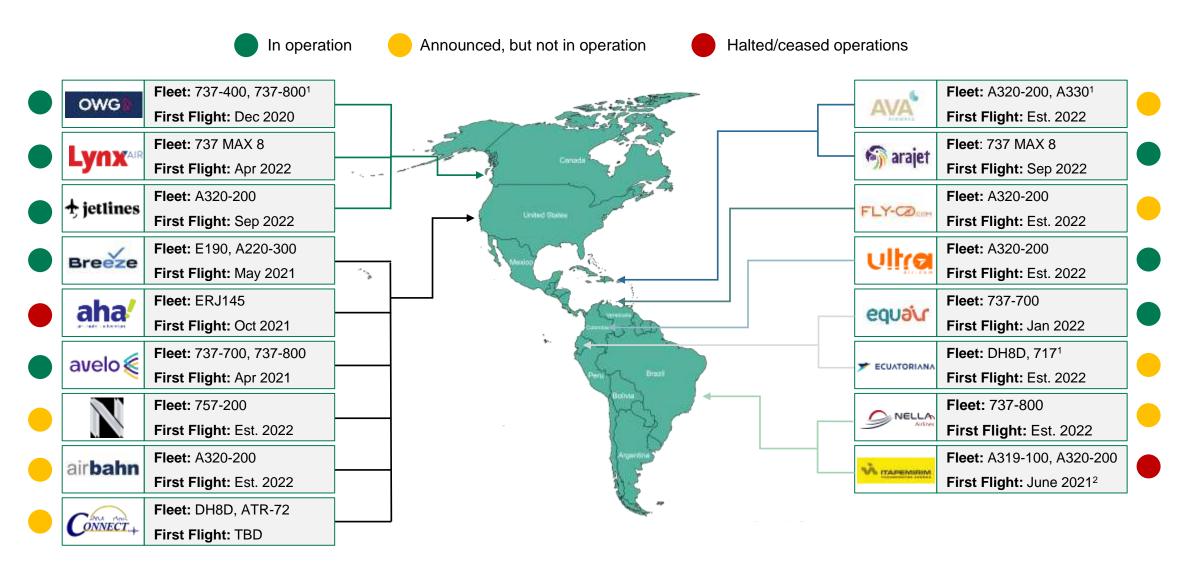
Alton's global commercial MRO demand forecast; MRO spend in APAC will almost double over the next decade

GLOBAL COMMERCIAL MRO DEMAND FORECAST BY REGION (\$USD BILLIONS)

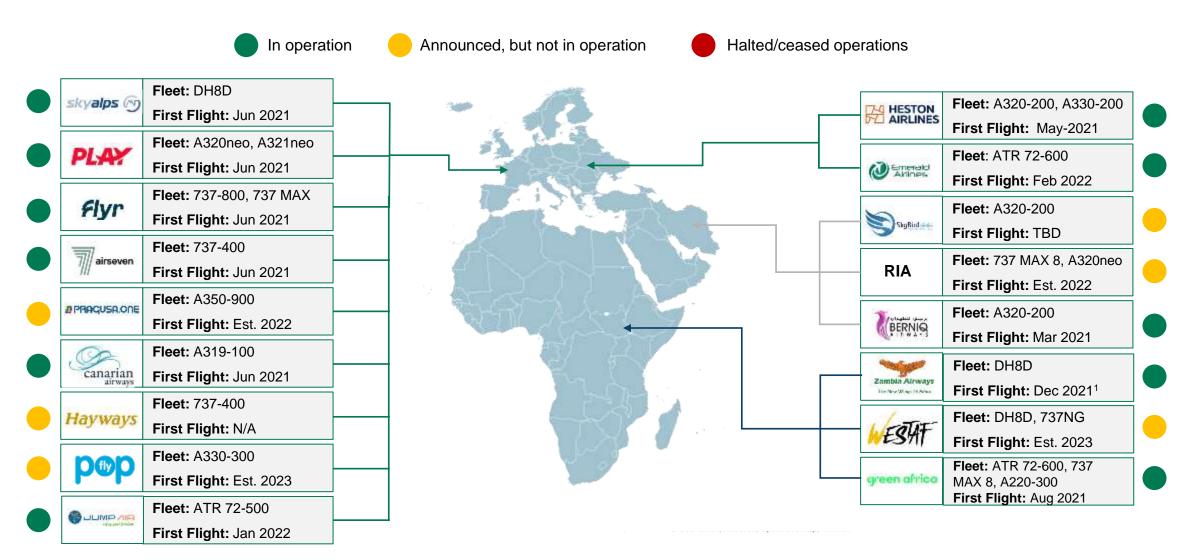


3. MRO INDUSTRY TRENDS

"Never let a global pandemic go to waste"; airline start-ups present exciting new growth opportunities for MRO suppliers...(1 of 2)



"Never let a global pandemic go to waste"; airline start-ups present exciting new growth opportunities for MRO suppliers...(2 of 2)



Global supply chain challenges; a positive trend for Latin America & Eastern Europe...



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 OEM facilities temporarily shuttered during the pandemic creating shortage of parts



 Shortage of labor & raw materials slowing the post-pandemic ramp up



 Increased trade wars and tariffs driven by growing anti-globalism, nationalism, in addition to other geopolitical issues



Aviation and aerospace company boardrooms seeking new strategies to minimize supply chain risk will result in Globalization 2.0;

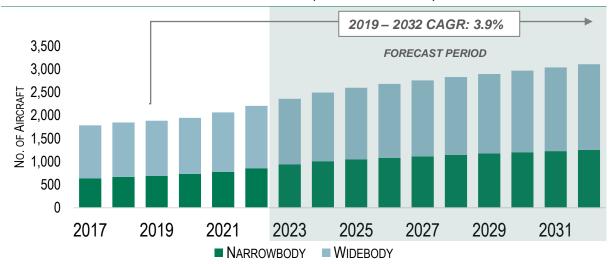
"More Dual Sourcing & Near-Shoring"



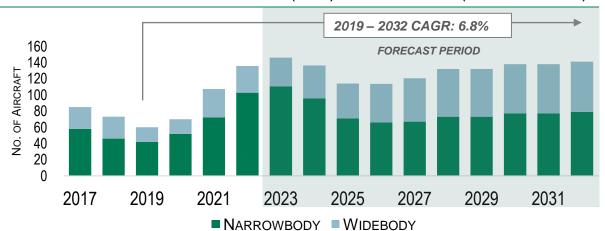
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A rising tide lifts all boats cargo aircraft...

GLOBAL FREIGHTER FLEET FORECAST (2017 - 2032E)



GLOBAL PASSENGER TO FREIGHTER (P2F) CONVERSIONS (2017 – 2032E)



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 E-Commerce was growing rapidly prior to the pandemic; post-pandemic it has been turbocharged (~6.4T by 2024)



 Commercial airlines worldwide were successful in offsetting losses leveraging "preighter" aircraft



 After decades of disappointing orders, sales of OEM new freighter aircraft are making a come strong back



Demand for P2F conversions are at historic highs



 Amazon's fleet expansion continues, and not only for widebody aircraft (Boeing 767s), but for narrowbody aircraft too (see Sun Country)



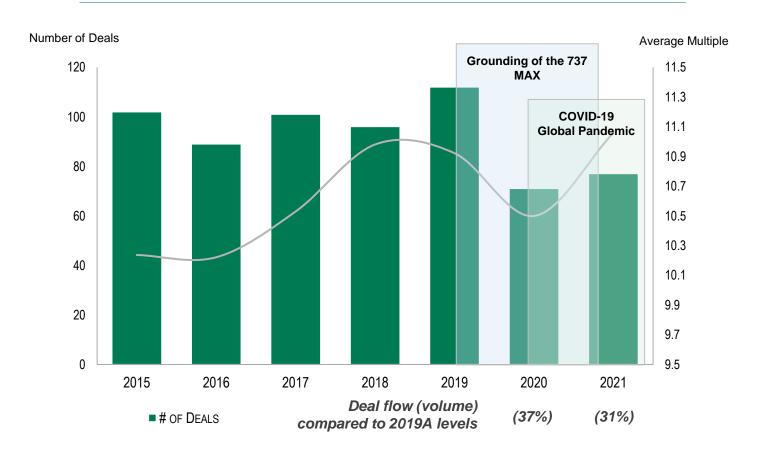
 Engine and airframe MROs benefitting from additional MRO demand from very old, maintenance intensive aircraft experiencing a delayed retirement



"Increased M&A activity in the air cargo sector and the associated supply chain"

With a track record for solid M&A activity, the Aerospace & MRO sector remains well-positioned for further investment and market consolidation

RELEVANT AEROSPACE & MRO M&A TRANSACTION HISTORY



Alton Insight

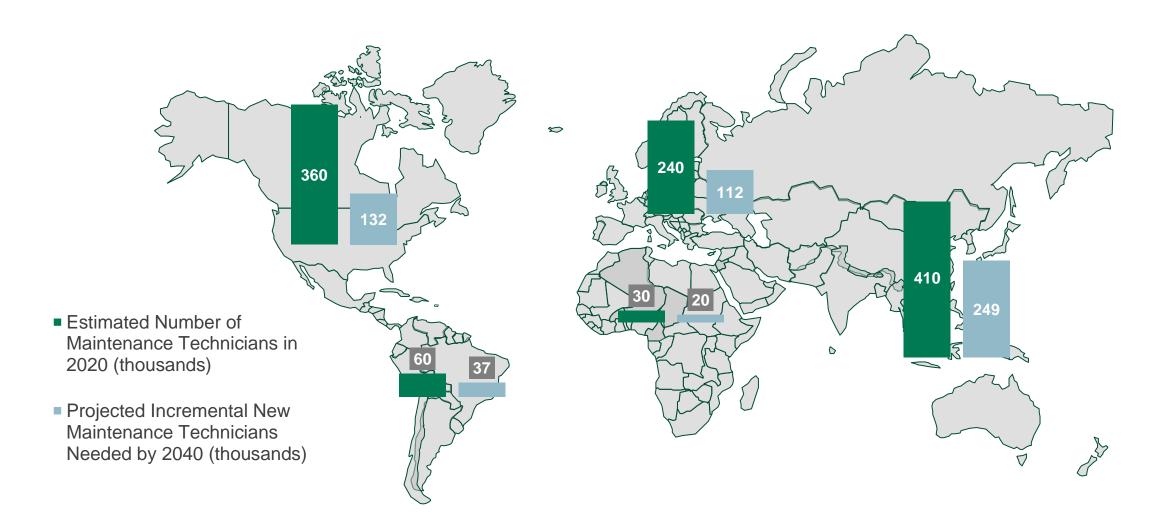
As the new normal, post-pandemic reality settles in, M&A transaction volumes should revert to the mean...

- PE firms that reached their traditional
 5 to 7-year hold period during the pandemic are now looking to sell
- 2022 off to strong start
- Strong industry stakeholder interest and anticipation with regards to the pending Lufthansa Technic transaction



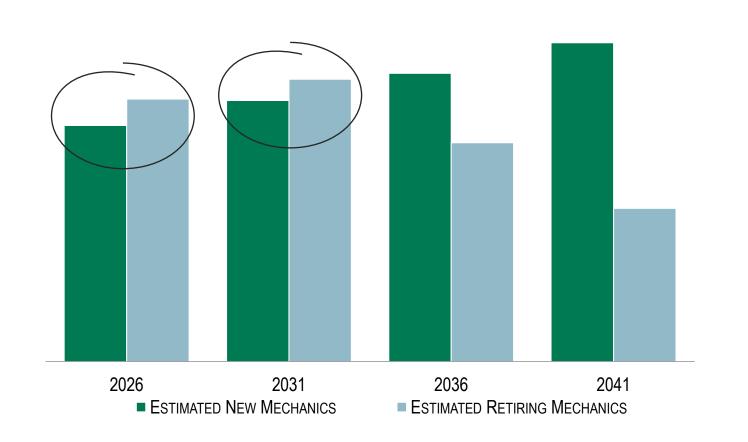
17

Over the next two decades, global demand for new technicians will increase by approx. 50%



In the US, Technician retirement rates are estimated to outpace new hires over the next decade...

ESTIMATED INFLOW & OUTFLOW OF A&P MECHANICS IN THE USA



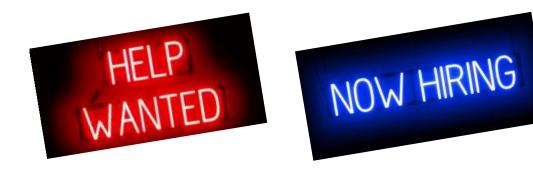
51

The average age of an aircraft mechanic in the US as of 2019



"For every 4 aviation maintenance technicians leaving the industry, only 3 are coming in to fill their positions" – Former Chairman, NBAA Maintenance Committee

There is no silver bullet to resolving the industry labor shortage...





MRO technology-driven productivity:

- eTask cards & 5G mobile tablets
- Adoption of sensors and robotic inspections
- E-signatures & digital records
- Electronic aircraft log books / tech logs
- RFID & tooling / inventory integration
- Dynamic manpower planning & scheduling
- Real-time production control / critical path mgt
- Training leveraging virtual & augmented reality

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The "great resignation (or reflection)" of 2021



 Most airlines, OEMs, and MROs offered generous early retirement packages (with very successful take-rates)



 The unintended consequences were the single largest loss of institutional knowledge our industry has ever experienced (and is a root cause for many airline operational issues and MRO TAT delays)



 In order to retain existing employees and attract new recruits, salaries and benefits will inevitably rise



 Very limited hangar and engine shop capacity driven by labor shortages and the supply chain challenges



"MRO cost inflation (material & labor)"

