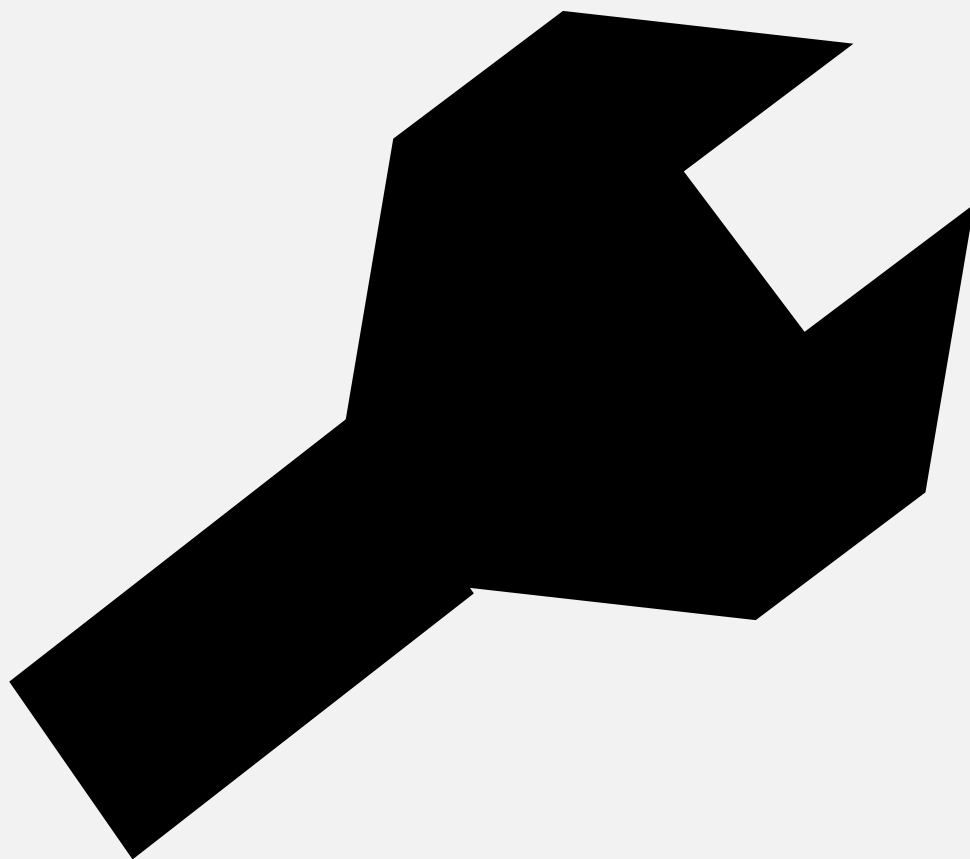
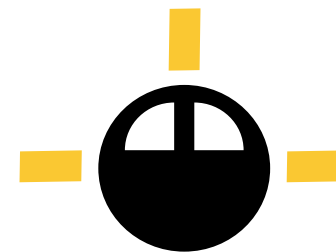


IATA WEBINAR

Technical Operations: Preparing for Return to Service

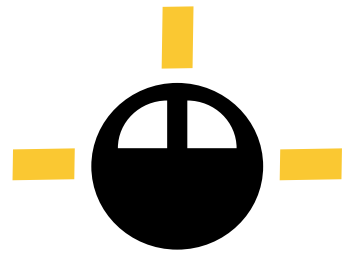
Wed. 10 June 2020
8am [EDT]/2pm[CET]





- This session is recorded.
- Your mic is automatically muted.
- On the right side of your screen:
 - **Polls:** Click on Submit once you have selected your answer
 - **Questions:** Click on **Q&A** to submit your questions
 - Select "All Panelists" – NOT individuals
 - You will only be able to see your own questions.
 - Questions visible to all once they're answered.

Introduction

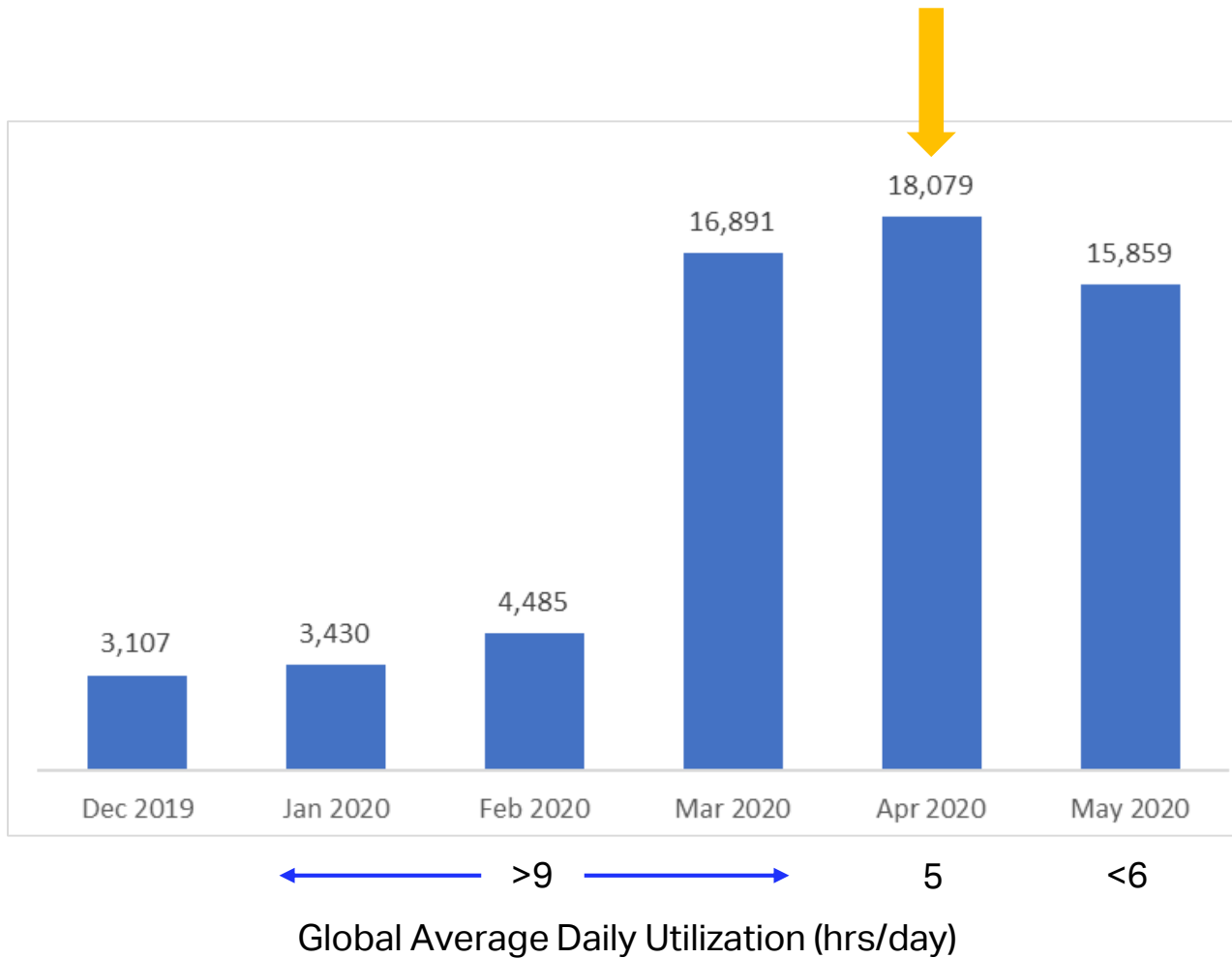


Stuart Fox

Director Flight Operations, IATA

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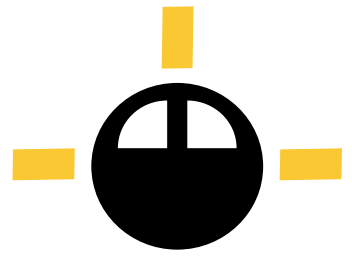
65% of world fleet grounded



Source: Cirium

Agenda

- ❑ Competition Law Guidelines:
 - ❑ IATA's Legal Anti-Trust Counsel will be screening the questions
- ❑ Our Speakers
- ❑ Preparing for Return to Service
 - ❑ Maintenance-related issues for parked and stored aircraft
 - ❑ How to bring these aircraft back to service when markets reopen
 - ❑ Transporting cargo in passenger aircraft
- ❑ Q&A Session

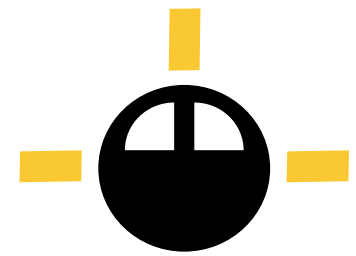


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Our Panelists



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Swaran SIDHU

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Sonny STERN

VP Sales & Customer Service, Delta TechOps

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Airline Industry Restart

System Restart

System Capability

Get planes back
up in the sky ...

Travel Experience (biosafety)

... taking all
necessary
precautions to
avoid the spread
of COVID-19 ...

Demand Restart

Restore Confidence

... so that States
relax travel
restrictions,
and the public is
confident to fly ...

Stimulate Demand

... while keeping air
travel affordable,
and getting people
on planes

Airline Industry Restart – 4 phases

Immediate – Preparatory (Q2 2020)

- Developing and putting in place measures and procedures in place to enable restart

Short term – Manual restart (Q3 2020)

- Minimum measures in place to enable governments to approve flights
- Procedures unlikely to be normalized / automated

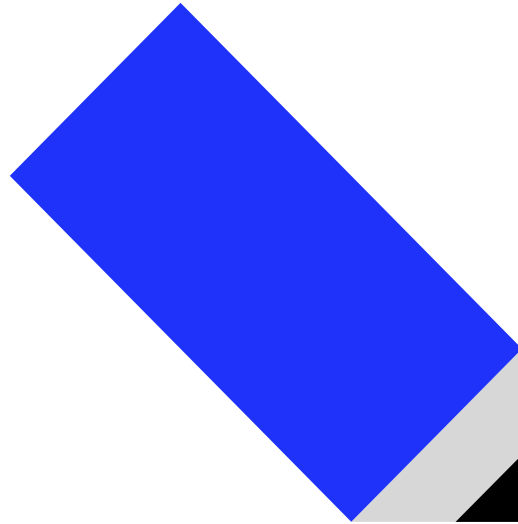
Medium Term – Temporary but systematized operations (Q4 2020 – Q4 2021)

- Temporary arrangements in place; supported by SOPs etc.
- Consistent application and mutual acceptance

Long Term – Return to Business as Usual (Q1 2022 -)

- Vaccine in place, with widespread uptake
- Removal of temporary measures

Poll #1





Jeffrey Phipps
Chief, Operational Airworthiness
Transport Canada Civil Aviation (TCCA)

COVID-19 Interim Measures Developed by TCCA



COVID-19 Interim Measures/Guidance

Exemption

- **NCR-029-2020**, Exemption from section 403.04 of the Canadian Aviation Regulations, extends the validity period for all Aircraft Maintenance Engineer (AME) licenses to August 31, 2020.

Internal Process Bulletin (IPB)

- **IPB 2020-01**, Authorizing Deviations From Approved Maintenance Schedules Made Necessary by COVID-19 Disruptions, March 25, 2020.
- **IPB 2020-03**, Use of FAA Part 145 Repair Stations Without an FAA Accepted TCCA Supplement, March 30, 2020.
- **IPB 2020-04**, TCCA Surveillance During the COVID-19 Pandemic, March 31, 2020.
- **IPB 2020-07**, Changes To The AME License Renewal Process Due To Exemption NCR-029-2020, April 17, 2020.



COVID-19 Interim Measures/Guidance (cont'd)

Internal Process Bulletin (IPB)

- **IPB 2020-08**, Interim Changes To The AME License Application and Approval Procedures, April 24, 2020.
- **IPB 2020-09**, Conducting Onsite Activities During The COVID-19 Pandemic, April 22, 2020.
- **IPB 2020-10**, Notice of Suspension s. 7.1(1)(b) A.A. in Reference to: Flight Training Units Under Subpart 406; Manufacturer of Aeronautical Products Under Subpart 561; Approved Maintenance Organizations (AMOs) Under Subpart 573; Air Operators Under Part VII, April 24, 2020.

Civil Aviation Safety Alert (CASA)

- **CASA 2020-04**, Transport of cargo in passenger compartment, CAR 705 Air Operators.



A row of Airbus A320neo aircraft parked on a runway at sunset. The aircraft are lined up in two rows, facing each other, with a central aisle. The sky is filled with large, golden clouds, and the sun is low on the horizon, casting a warm glow over the scene. The runway is dark and has white markings. In the background, there are mountains and a city skyline.

IATA Webinar

Gilles de Cevins
VP Maintenance Programs & Services
Airbus Customer Services


10th June 2020

AIRBUS

Covid19 crisis: What OEM do to support airlines

- Reduce the maintenance burden for parked aircraft
 - “AMM” tasks (“Parking/Active Storage” or “Storage/ Prolonged Storage”)
 - “MPD” tasks (calendar driven)
e.g. 7 days periodic checks postponed to 15 days
- Support to Return To Service (RTS)
 - Publish best practices and recommendations
 - Cover deviations to maintenance tasks
 - Support “ferry flights”
 - Anticipate potential issues at RTS (corrosions,...)
 - Procure parts/equipment/tools required for RTS
- Define solutions for transporting cargo in PAX areas
 - With or without seats
 - Support to exemptions or STC/Service Bulletins





Engine Lease Finance

IATA Webinar 10th June 2020
Technical Operations: Preparing for
Return to Service

Richard Hough
Chief Technical Officer

Existing Customer and Asset Management

- Working with customers on payment plans and fleet needs
- Discussing alternatives for return conditions
- Discussing engine exchange
- Ensuring technical inspector, maintenance and storage capacity

New Business and Remarketing

- Ensuring availability of funding for acquisitions
- Strategic positioning of assets globally for quick delivery
- Pre-approval of terms \ airlines \ jurisdictions
- Processing partout engines and getting parts available while shops are quieter
- Constantly scanning and evaluating – the knife is still falling in terms of impact

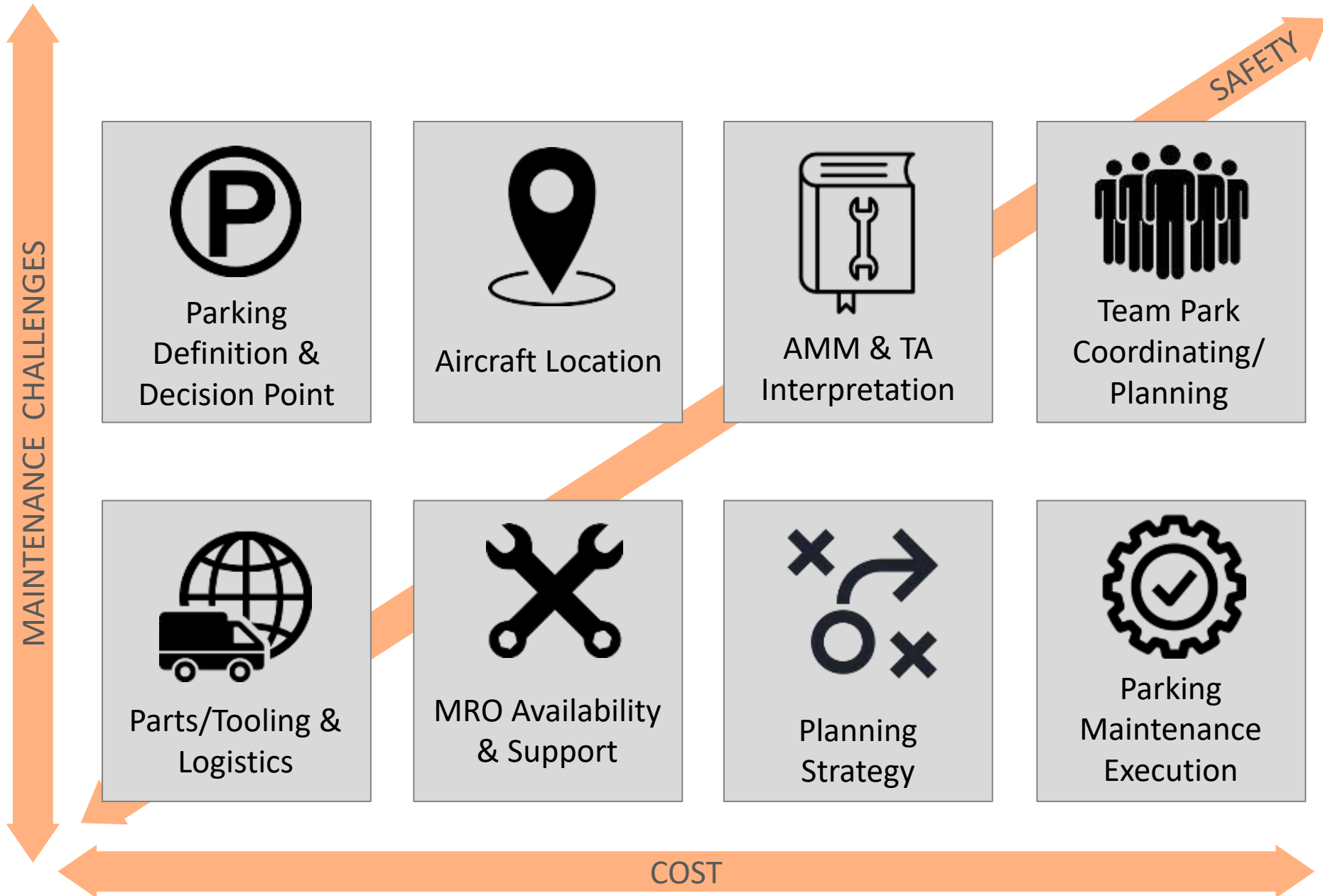
Parked/stored aircraft maintenance Challenges

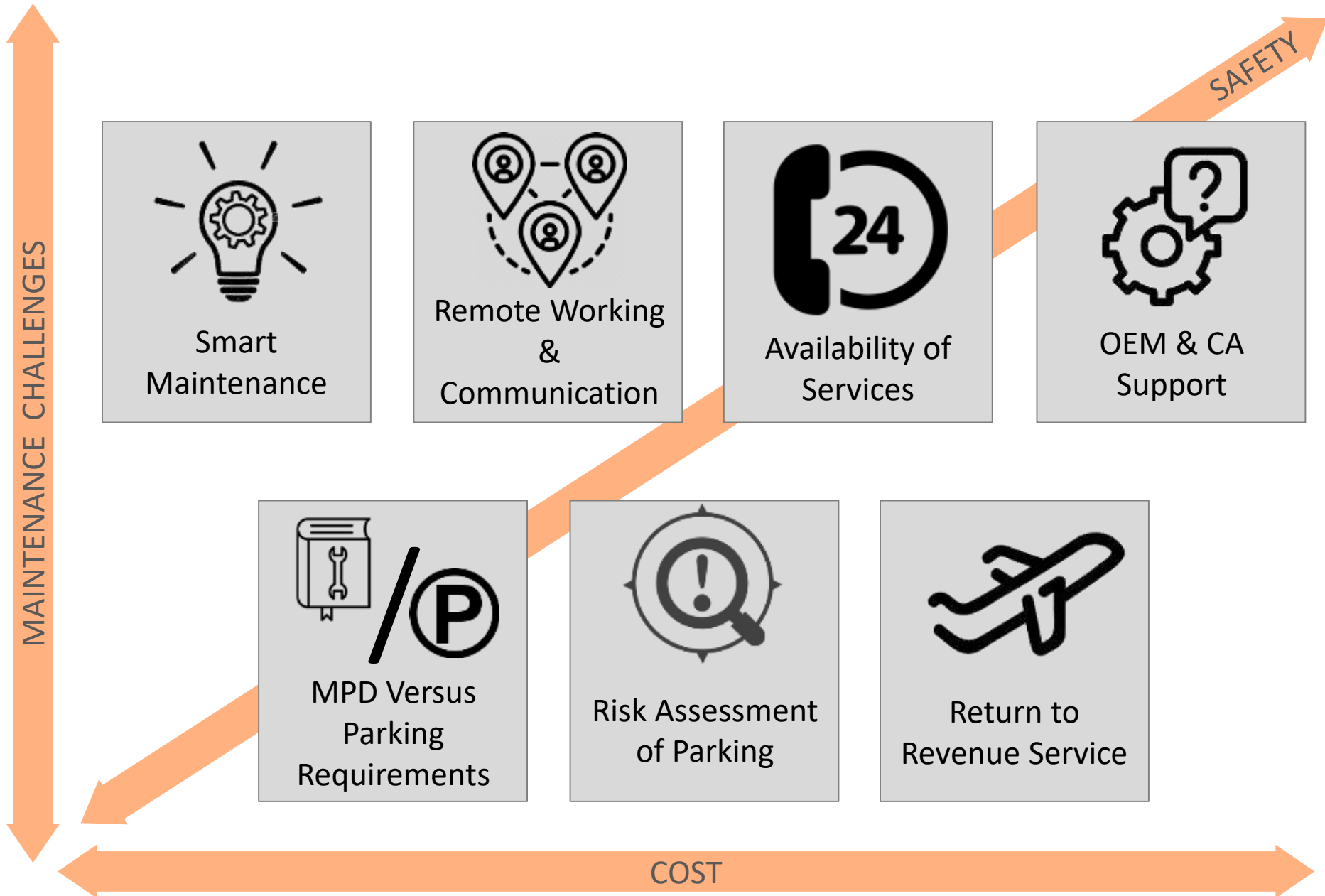
SWARAN SIDHU

Head Of Fleet Technical Management

June 10, 2020

europa by
easyJet







IATA Webinar

Technical Operations:
Preparing for Return to Service

Sonny Stern – VP Sales & Customer Service, Delta TechOps
June 10, 2020

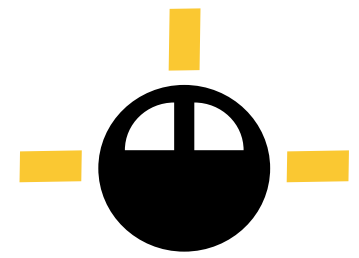
Delta TechOps

- Delta TechOps, along with the entire Delta family and all of us in aviation continue to navigate through the unprecedented impact of the COVID-19 (coronavirus) pandemic on our business
- Taking care of our customers and our employees remains the top priority
- The MRO portfolio of work continues to be open
 - The operation remains busy, while facing some challenges from the pandemic impact
- Reviewing outside repair work and performing analysis on bringing in house vs. keeping OSR

Innovation & Advanced Manufacturing Capabilities

- Delta TechOps and Delta subsidiary, Delta Flight Products have worked together combining advanced manufacturing capabilities and innovative skills
- Production of PPE and support the global effort to fight coronavirus
- Projects include:
 - Face shields
 - Rapidly deployable pods to transport military troops infected with COVID-19 home
 - Airport lobby, gate, and Delta Sky Club plexiglass safety barriers

Q&A



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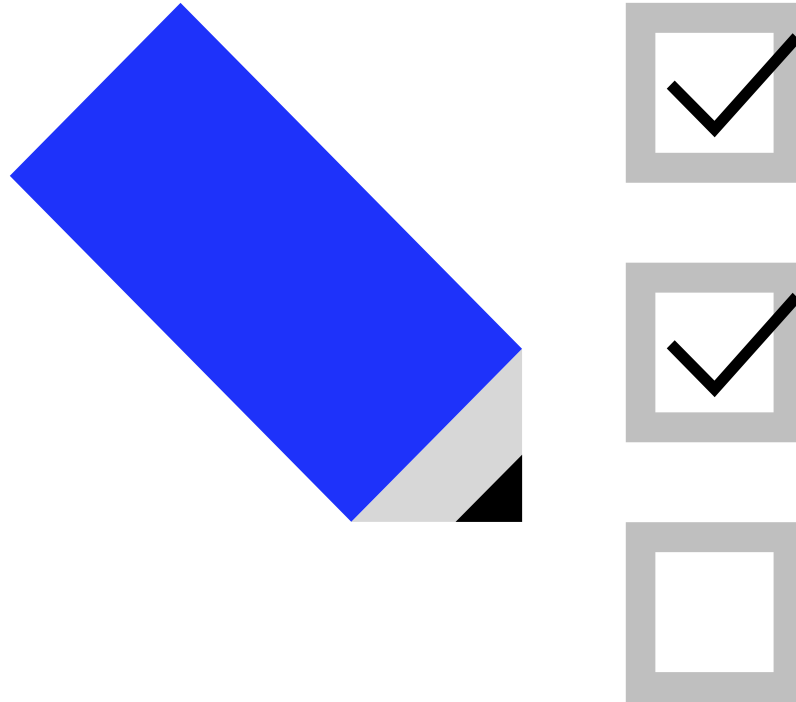


Sonny STERN

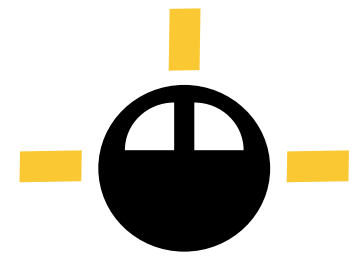
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Poll #2



Q&A



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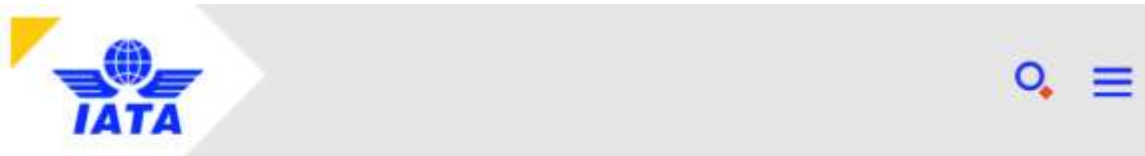


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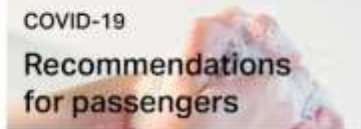
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Useful links (1/2)



"Stay strong. We will get through this crisis and keep the world connected." Alexandre de Juniac, IATA's DG & CEO.
[See latest media briefing](#)



www.iata.org

www.iata.org/en/programs/covid-19-resources-guidelines

airlines.iata.org/topic/covid-19

[IATA Aircraft Cleaning Guidance](#)



Useful links (2/2)

TCCA

- COVID-19 Measures, Updates, Guidance:

www.tc.gc.ca/en/initiatives/covid-19-measures-updates-guidance-tc/aviation.html

ICAO

- Council Aviation Recovery Taskforce (CART) Report & Take-off Guidance:

www.icao.int/covid/cart/Pages/default.aspx

- COVID-19 Safety Operational Measures:

www.icao.int/safety/COVID-19OPS/Pages/default.aspx

IATA WEBINAR

Technical Operations: Preparing for Return to Service

Thank you for attending!

