

The ATR logo is displayed in white, italicized, sans-serif font on a solid orange rectangular background.

Flight Safety Conference

29th – 30th November 2023

Ground Operations for Safety

Sébastien SELLEM

Flight Safety Director

Accident/Incident Investigator

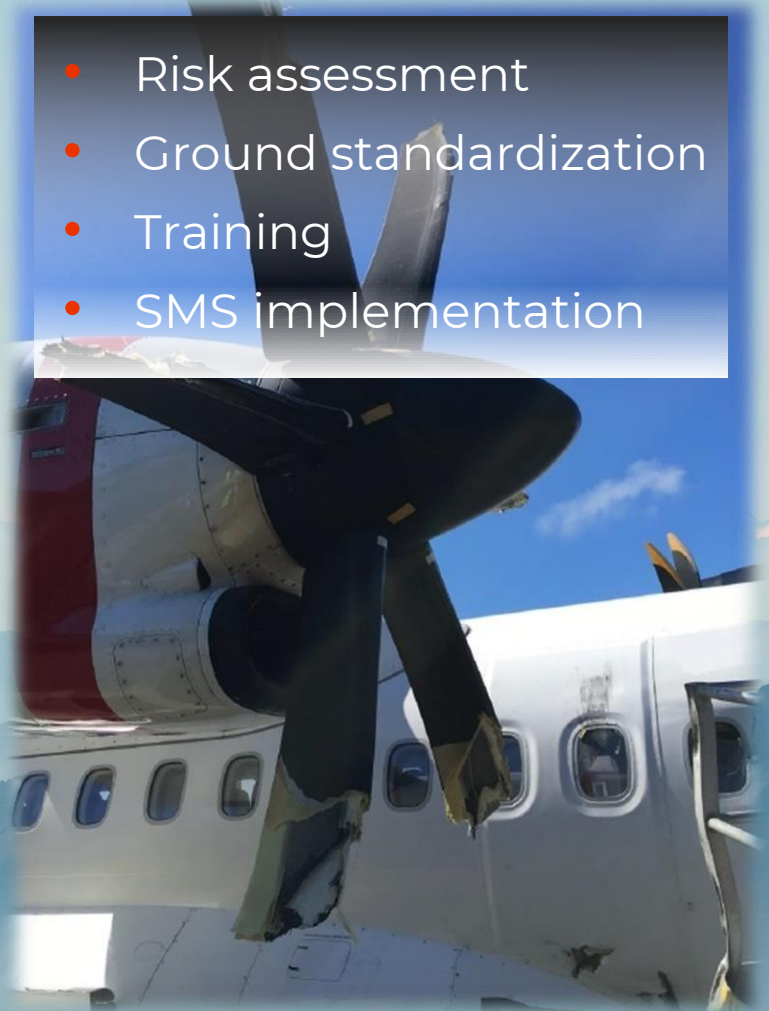


Yves LIMORTE

Maintenance Instructor



Safety on ground



- Risk assessment
- Ground standardization
- Training
- SMS implementation

Area restriction

▭ Propeller danger area

— Equipment restraint line

— Imaginary safety line

⊕ Safety cône placement



Flight Safety Conference 2023

ATR Ground Handling constraints

- Apron safety in aircraft handling
- Aircraft arrival / servicing / loading / departing procedures
- Handling schedule & organization

ATR

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ATR

Threats



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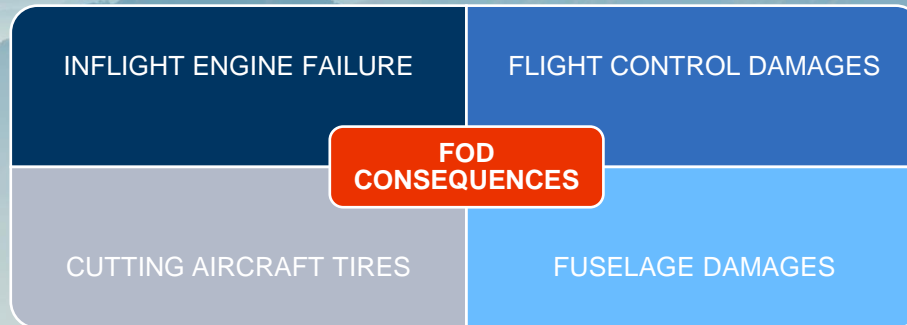
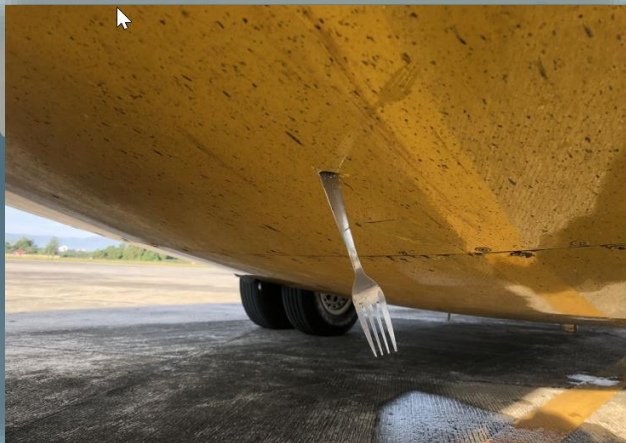
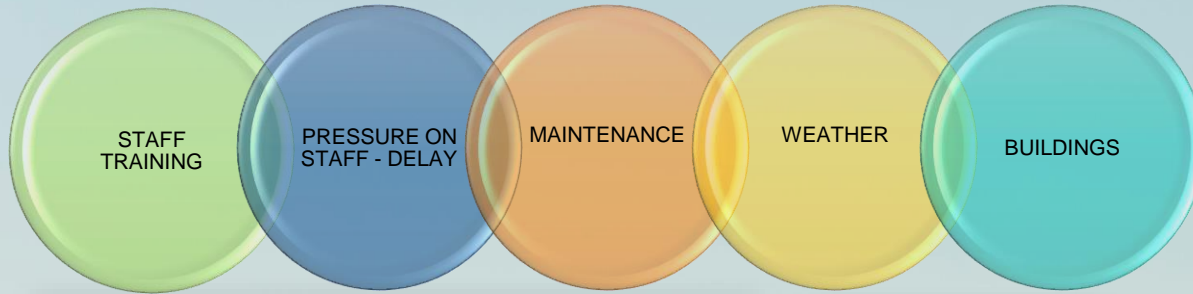
- FOD (Foreign Object Debris)
- Weather
- Unadapted equipment
- Ground service providers
- Unadapted SOP
- Lack of Training
- Lack of Supervision

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Threat - FOD

Clean parking area

Flight and ground staff are required to check the parking area



FOD RECOMMENDATIONS

Who is involved?

- Flight crew
- Maintenance
- Ground handling
- Airports staff



Key message:

- FOD awareness
- Training



Threat - Weather



Threat – Do you have the right equipment?



WHY?

- Glare
- Be visible
- Stay dry & warm
- Be able to see
- Deafness

Key message:

- Adapted equipment for your staff

Threat – Ground handling awareness



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GROUND SERVICE PROVIDERS

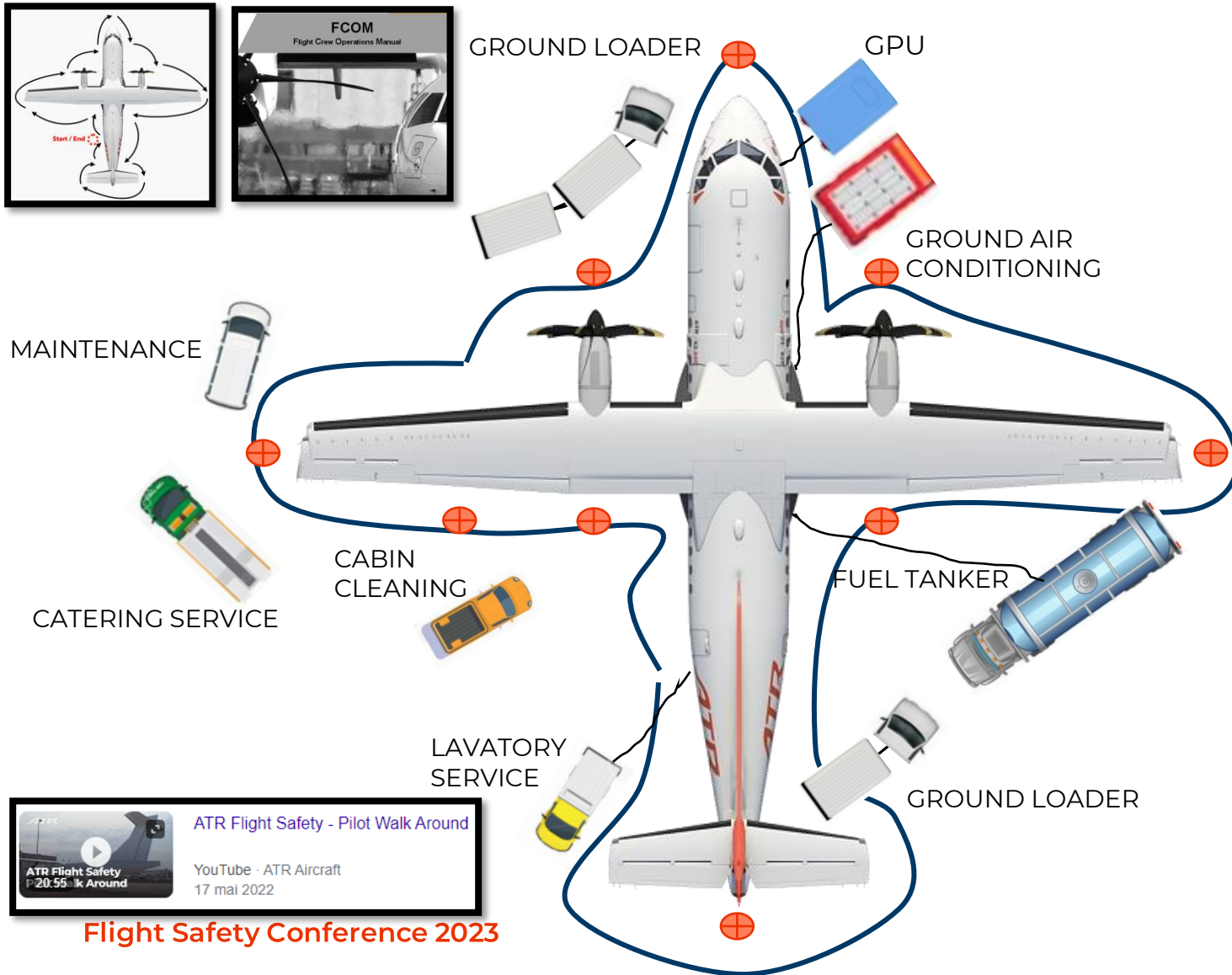
- Maintenance
- Servicing

Key message:

- Sharing safety practices
- Harmonise safety training
- Harmonise/create SMS
- Develop safety dashboard

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Adapt your SOP



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SOP vs Operational constraints

- Pilot walkaround
(Routine / Short period / around 6 min)
- Weather / Time



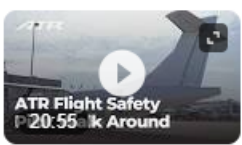
Key message:

- Define policy to manage walkaround process
- Perform the inspection in complete mindfulness

ATR

ATR recommendations - Training

DAY 1	DAY 2
<p>Theoretical Part</p> <p>Aircraft general presentation and Ground Handling Procedure for aircraft arrival & departure</p>	<p>Theoretical Part</p> <p>Human factor, parking, mooring, towing, placard, marking, walk around</p>
<p>Practical Part</p> <p>Aircraft Cockpit presentation, GPU's connection, servicing, doors and Air Conditioning</p>	<p>Practical Part</p> <p>Aircraft parking, mooring, towing, placard, marking and walk around operations</p>



ATR Flight Safety - Pilot Walk Around

YouTube · ATR Aircraft
17 mai 2022



Ground handling Training

- Initial and recurrent
- Emphasize the specificity of ATR characteristics (propeller blades, hotel mode)

We can we help you!

- ATR training courses (Ground Handling Course, 2 days)
- Walkaround video
- ATR best practices Ground handling
- ATR Documentations

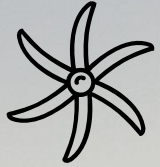
ATR recommendations - Supervision



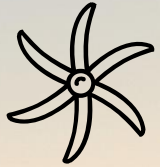
Conclusion



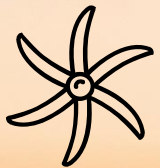
Risk assessment (operational constraints)



Ground Handling Standardization



Training



SMS Implementation