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UNITING AVIATION

# CYBERSAFETY AND RESILIENCE TABLE TOP EXERCISE (TTX)

## Participants Hand-Out Material

Jordan/13<sup>TH</sup> NOVEMBER 2022



# November 24<sup>th</sup>



- Alan
- Air Traffic Controller
- Chief of flight planning office
- Works well under pressure
- Experienced



- Futureland's ANSP (FAS)
- State owned
- 1200 overflights per day
- SSR and shares radar data with adjoining neighboring States' ANSPs
- FAS ATC facilities all have on-site technicians to resolve technical issues



# November 24<sup>th</sup>

## FUTURELAND

- Mid-sized ICAO Member State in APAC
- Highly dependent on air transport for both passengers and cargo
- Two FIRs, a major airport and two smaller regional airports
- Borders with three other FIRs from two States: Otherland and Wonderland
- Recent ICAO USOAP audit: 72% EI
- SSP and is working on their gap analysis



# November 24<sup>th</sup>



- Margaret
- Flight dispatcher FutureAir
- Experienced
- Demanding



- FutureAir
- Largest carrier in Futureland
- 70% of flights
- Regional codeshare agreements
- Not IOSA certified
- Modern fleet, new aircraft
- Experienced senior leadership
- Young mid and lower management



# November 24<sup>th</sup>



- SuperTel
- Official telecommunications provider for FAS
- Also provides communication services for ANSPs in neighboring States through local contractors
- Large, established company with advanced technology and network monitoring capabilities



# November 24<sup>th</sup>

## Otherland

- Small-sized ICAO Member State in APAC
- ICAO USOAP 10 years ago: 42% EI
- One FIR and an airport
- Borders with five other FIRs



Kevin

- ATCO with 10 years experience



- Otherland's ANSP (OAS)
- State controlled
- 500 overflights per day
- SSR and shares its radar data with Futureland
- Limited resources and lack qualified maintenance staff



# November 25<sup>th</sup>



- Mark
- ATCO
- FPL system
- FAS ACC
- Experienced
- Hyperactive



- Cathy
- Flight dispatcher
- Foreign Airlines



- Foreign Airlines
- Major international operator with daily flights to Futureland and Otherland
- IOSA certified
- One sky alliance member
- Modern wide body aircraft
- Staff is well-trained and experienced

# November 25<sup>th</sup>



- Ben
- ATCO
- FPL system
- Relaxed
- Experienced



- Betty
- Flight dispatcher
- Regional Airways
- Young



- Regional Airways
- Low cost carrier in Futureland and Otherland
- Quick turnarounds and punctual
- No regional codeshare
- Not IOSA certified
- Only operates A319s
- Doubled its fleet size in the last 18 months
- Management is business focused with limited experience in airline operations





# November 25<sup>th</sup>



- Mike
- Senior Leader
- FAS
- Experienced



- Nancy
- Senior Leader
- OAS
- New to industry



# November 25<sup>th</sup>

## Wonderland

- Big-sized ICAO Member State in APAC
- ICAO USOAP 3 years ago: 92% EI
- Six FIRs and several international and domestic airports



- Wonderland service provides (WAS)
- Very high dense traffic
- Important military traffic
- Very modern infrastructure



- Tony
- Senior Leader
- WAS
- Experienced



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- Bob
- Station Manager
- FutureAir
- Industry veteran and cyber aware



# November 26<sup>th</sup>



- FutureAir
- Largest carrier in Futureland
- 70% of flights
- Regional codeshare agreements
- Not IOSA certified
- Modern fleet, new aircraft
- Experienced senior leadership
- Young mid and lower management



# November 26<sup>th</sup>



- Kat
- CCA Ops Manager
- Professional
- Eager to please



# November 26<sup>th</sup>



- Regional Airways
- Low cost carrier in Futureland and Otherland
- Quick turnarounds and punctual
- No regional codeshare
- Not IOSA certified
- Only operates A319s
- Doubled its fleet size in the last 18 months
- Management is business focused with limited experience in airline operations



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- Mark
- Regional Airways Communications Manager
- Inexperienced
- Proactive



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## International Aviation Trust Framework

Facilitated Discussion





## Scenario 1 - Main Actors



**Mike –**

Client and a  
land owner



**Anton –**

Contractor and a  
Drone owner  
and Pilot



**Olga –**

Compliance officer –  
patrolling assigned  
areas to ensure  
civilians are adhering  
to the law, fosters  
safety



**Small drone –**

(251 g -25 kg)  
equipped with a  
professional  
DSLR quality  
camera



**Wonderland** – Mid-size ICAO member State in the  
South Hemisphere

**Safeland** – Small-size ICAO member State in the  
North Hemisphere

## Scenario 2 - Main Actors and assets



**Anton –**

Contractor and a Drone owner and Pilot



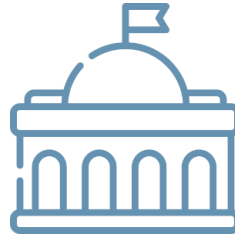
**FlyMyDrone Inc. –**

International Drone Manufacturer (OEM)



**Small drone –**

(251 g -25 kg) equipped with a professional DSLR quality camera



**Safeland CAA**

Providing flight authorization for conducting drone operations in restricted “No Fly zones”



**Safeland –** Small-size ICAO member State in the North Hemisphere