

Day 4!

For: FRA Trial Workshop for Africa

Date: October 30 – November 2, 2023

Airline	City Pair	Baseline Route	Trial UPR
Kenya	HKJK/NBO-DGAA/ABJ	NBO LV UG856 BZV/KSA UA613 PISPA	HKJK EGROT Q293 EKMOG OPERO ARLAR NLY ULKAG DILSA KIVPI DGAA

FIR - ANSP	ANSP POC	Route Segment	Date Coordination Initiated	Route Condition or Modification	Approved or Denied/Date
HKNA/Nairobi	John Koske	HKJK EGROT Q293 EKMOG	1 Nov 2023		Approved
HUEC/Entebbe	Steven Wabwire	EKMOG OPERO	1 Nov 2023	F340+	Approved
FZZA/Kinshasa	Billy Diabasenga	OPERO ARLAR NLY	1 Nov 2023		Approved
FCCC/Brazzaville	Gillas Balounda	ARLAR NLY ULKAG DISLA	1 Nov 2023		Approved via phone
DNKK/Kano	Pwajok Matthew	NLY ULKAG DISLA KIVPI	1 Nov 2023	F340+	Approved
DGAC/Accra	Kennedy Blege	DISLA KIVPI DGAA	1 Nov 2023	F340+	Approved

Trial UPR Information					
Airline	City Pair	Date	Trial Period	Flight	Time
Kenya Airways	Nairobi - Accra	11 2 2023	1 Day	KQA508 B738	0900z – 1440Z

Airline	City Pair	Baseline Route	Trial UPR
Ethiopian Airlines	HAAB/ADD-DIAP/ABJ	HAAB BRO DCT KAFIA DCT OVMEG UB736 TJR UA861 GATAG DCT LAG UL433 ACC UB600 ONESI DCT TAVAL TAVAL2D DIAP	HAAB BRO KAFIA AKLIS EREKA AD DIAP

FIR - ANSP	ANSP POC	Route Segment	Date Coordination Initiated	Route Condition or Modification	Approved or Denied/Date
ADDIS ABABA		HAAB BRO KAFIA			Approved
KHARTOUM		BRO KAFIA			Approved
NDJAMENA		KAFIA AKLIS			Approved
BRAZZAVILLE		KAFIA AKLIS			Approved
KANO		KAFIA AKLIS EREKA			Approved
ACCRA		AKLIS EREKA AD DIAP			Approved
DAKAR		EREKA AD DIAP			Approved

Trial UPR Information					
Airline	City Pair	Date	Trial Period	Flight	Time
Ethiopia Airlines	ADD-ABJ	11 2 2023	1 Day	ET935	0730Z-1345Z



Pending Africa Trial UPR - Update

Airline	City Pair	Remarks
Ethiopian Airlines	HAAB - FACT	In Coordination
Kenya Airways	HKJK - FACT	In Coordination
Ethiopian Airlines	HAAB - DIAP	Approved

Africa Trial UPR Roadmap

- ✓ Create a Trial UPR Coordination Team
- ✓ Plan regularly scheduled meetings with the Trial UPR Coordination Team
 - Obtain feedback from ANSPs and the airlines currently conducting Trial UPRs
 - Continue to expand trial periods of existing Trial UPRs
 - Get benefits data (Share successes widely)
 - Develop a Trial UPR route catalog
 - See Africa Trial UPR Program Management Plan (customize for your region)
 - Educate regional ANSPs and other stakeholders on Trial UPRs

SEE PMP

Africa Trial UPR Roadmap -Brainstorm

- Consider PBN Roadmap activities and timelines
- Ensure all Trial UPRs are coordinated with ANSPs prior to the trial
- Expand the Trial UPR coordination team to ensure all ANSPs and Stakeholder POCs are included.
- Develop timeline for Trial UPR activity plans
- Develop responsibility matrix
- Trial UPR regular status reports (pending trials, ongoing trials, finished trials)
- What is the trigger (90-day or other) to initiate Trial UPR publication (AIC/AIP)
- When Trial UPRs are complete and successful, the normal AFI process will be followed for AIC/AIP publication
- Need a feedback coordination process for information/action
- Develop lessons learned process (used to inform future trials/ICAO FRA PMT)
- Educate airlines and ANSPs on Trial UPR process (include benefits - new airlines will join)
- Collect benefits data

Africa Roadmap to Inter-FIR FRA Trial Brainstorm (1 of 2)



- Identify ANSPs that are currently conducting FRA
 - **Kano**
 - **Mauritius**
 - **Entebbe**

- States that have implemented DCTs (States most likely to be FRA soon)
 - Kinshasa
 - ASECNA FIRs (FRA January 25, 2024)
 - Antananarivo
 - Brazzaville
 - Ndjamena
 - Niamey
 - Dakar...
 - Addis
 - Nairobi....

- Select the ANSPs with the most likelihood of success (similar ATC systems, shared database near boundaries etc.)
 - Note: FIRs within ASECNA most likely to be the ANSP candidates for Inter-FIR FRA Trial

Africa Roadmap to Inter-FIR FRA Trial Brainstorm (2 of 2)



- Select the ANSPs for the trial
- Collaborate with the selected ANSPs to determine the trial period, trial participants and applicable conditions)
- Recommendations:
 - Paso a paso – (e.g., at or above altitudes, night time hours, just a couple of airlines at start)
 - Get feedback from the ANSPs and stakeholders regularly

Successful Inauguration of Africa UPR Trials



Trial UPR Information					
Airline	City Pair	Date	Trial Period	Flight	Time
Ethiopia Airlines	ADD-ABJ	11 2 2023	1 Day	ET935	0745Z-1345Z

Trial UPR Information					
Airline	City Pair	Date	Trial Period	Flight	Time
Kenya Airways	NBO - ACC	11 2 2023	1 Day	KQA508	0900Z-1440Z

The two trial flights, ETH935 and KQA508



The screenshot displays a flight tracking application interface. At the top, a browser window shows the URL `flightradar24.com/multiview/32ace599,32ad10cb`. The application header includes the **flightradar24** logo, the time **09:54 UTC**, and a search bar. On the left, two flight information panels are visible:

- ETH935** (Ethiopian Airlines):
 - Route: **ADD** (ADDIS ABABA) to **ABJ** (ABIDJAN)
 - Aircraft: Boeing 777-260(LR)
 - Registration: ET-ANN
 - Barometric Altitude: 36,000 ft
 - ETA: 13:22
- KQA508** (Kenya Airways):
 - Route: **NBO** (NAIROBI) to **ACC** (ACCRA)
 - Aircraft: Boeing 737-86N
 - Registration: 5Y-KYD
 - Barometric Altitude: 36,000 ft
 - ETA: 14:36

The main map area shows a satellite view of East Africa with various flight paths and aircraft icons. Two specific aircraft are highlighted with yellow boxes: **ETH935** in the upper left and **KQA508** in the lower right. The bottom of the screen features a Windows taskbar with the search bar and several application icons, and a system tray showing the time **5:54 AM** on **11/2/2023**.



Thank You!

CANSO

SHAPING OUR FUTURE SKIES