

10 September 2024
New Delhi, India





2ND ASIA PACIFIC
MINISTERIAL CONFERENCE
10-12 SEPTEMBER 2024

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION



Symposium on Airspace Optimization for Enhanced Capacity & Efficiency

10th September 2024 | The Ashok Hotel, New Delhi



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VIJAY KUMAR MISHRA



CARLOS MENENDEZ



SHANE SUMNER



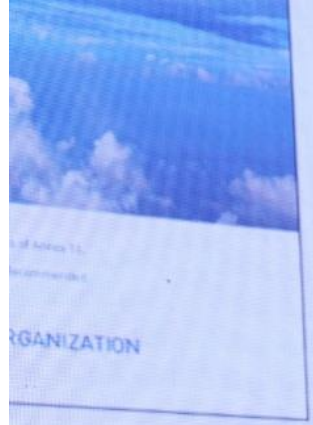
ALMIRA RAMADANI



BLAIR COWLES







Symposium on Airspace Optimization for Enhanced Capacity & Efficiency





ICAO Global Provisions

- Global Air Traffic Management Operational Concept (GATMOC, Doc 9854)
- Describes services required to operate the global air traffic system up to and beyond (ubeyond)
- 3 concept components
 - Airspace Organization and Management
 - Airborne Operations
 - Demand and Capacity Balancing
 - Traffic Synchronization
 - Airspace User Operations
 - Conflict Management
 - ATM Service Delivery Management



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Airspace Optimization for Enhanced Capacity & Efficiency

10-11 September 2019

The Sultan Abdul Aziz Centre

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ICAO Global Provisions

- Global Air Navigation Plan (GANP, Doc 9750)
 - Multi-layer structure
 - Level 2 – Global Technical

- ASBU and PF
 - ASBU Threads
 - Information
 - Operational
 - Technology



CONCEPT AND PLANNING







NOPAC Redesign Phase 1: 2018

The First Five+ Years on the Project

- Develop a CONOPS
- Conduct an Airspace Safety Assessment
- Update ATC Automation
- Update adjacent ANSP LOA
- Develop controller procedures and training
- Collaborate, collaborate, collaborate

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July 2024 vs. July 2019

Domestic RPK 114%

CTK 110%

Total RPK 104%

International RPK 99%

2023 Jan 2024 Jul 2024

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Global traffic has recovered
Total RPKs are currently at 104% of 2019 levels



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भारत विमानन विभाग
MINISTRY OF CIVIL AVIATION



Panel discussion on

Enhancing Civil Aviation Cyber Security in the Asia-Pacific Region

10th September 2024 The Ashok Hotel, New Delhi

Bureau of Civil Aviation Security

The Ashok Hotel



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DR. PAVAN DUGGAL

SRINADH PRASAD

DR. SANJAY BAH

KAVITA JALAN

DAVID PARDO

Dr. Punit Thakur

NAVIN KUMAR SINGH

DAVID WALLER

KARANDEEP



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मंत्रालय नागरिक उड्डयन
विभाग

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मंत्रालय नागरिक उड्डयन
विभाग

Panel discussion on

Sustainable Aviation Fuel- Way towards Net Zero Carbon Emissions

10th September 2024

The Ashok Hotel, New Delhi



Sustainable Aviation Fuel (SAF) blending Targets

Ministry of Petroleum & Natural Gas looks after all the functions related to biofuels in India

The following indicative targets for blending of SAF in Aviation Turbine Fuel (ATF) have been approved, initially for International Flights:

2027	2028	2030
1 %	2 %	5 %



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SUSTAINABLE AVIATION FUEL
CONFERENCE

Ministry of Petroleum & Natural Gas
Government of India

Panel discussion on

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Panel discussion on

Sustainable Aviation Fuel- Way towards Net Zero Carbon Emissions

19th September 2024

The Ashok Hotel, New Delhi







2024 Conference,
Support to States in
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Hon'ble Minister
Ministry of Civil Aviation

Hon'ble Secretary
Directorate General of
Civil Aviation

Panel discussion on
ICAO GASP and its support to states in establishing/maintaining State Safety Programme
10th September 2024
The Ashok Hotel, New Delhi

2nd Asia Pacific Ministerial Conference
Civil Aviation
ICAO GASP and its Support to States in
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10th September 2024
DGCA In









Panel discussion on

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10th September 2024



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GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION



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Welcome

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The Ashok, New Delhi, India















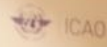
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