Guided by GAGAN

IndiGo’s Path to Precision & Efficiency

Setting Course

Breaking New Ground

Wings Of Efficiency

Future Bound

Setting Course

IndiGo - At a Glance

Giving wings to the nation

First Indian Airline to carry 100 million+ customers

One of the highest customer NPS in the Indian market

Amongst the Top 10 Global Airlines for OTP (OAG)

"World's Youngest Aircraft Fleet" in the 100+ aircraft category by ch-aviation, for the 3rd consecutive year

Our customer promises

Affordable fares	On-time performance	Courteous and Hassle-free	Unparalleled network

Setting Course

IndiGo - At a Glance

Our Fleet

208	153	03	47
			
Airbus A320 NEO+CEO	Airbus A321 NEO	Airbus A321 P2F	ATR 72-600

Domestic	International
94	43

On-time with IndiGo Standard Time (IST)

83.4%
On-time performance

7th
largest airline by daily departures, globally

1%
amongst lowest cancellation rate

550+ Direct city pairs
Unparalleled network

Setting Course

IndiGo - At a Glance

Our Fleet

208	153	03	47
			
Airbus A320 NEO+CEO	Airbus A321 NEO	Airbus A321 P2F	ATR 72-600

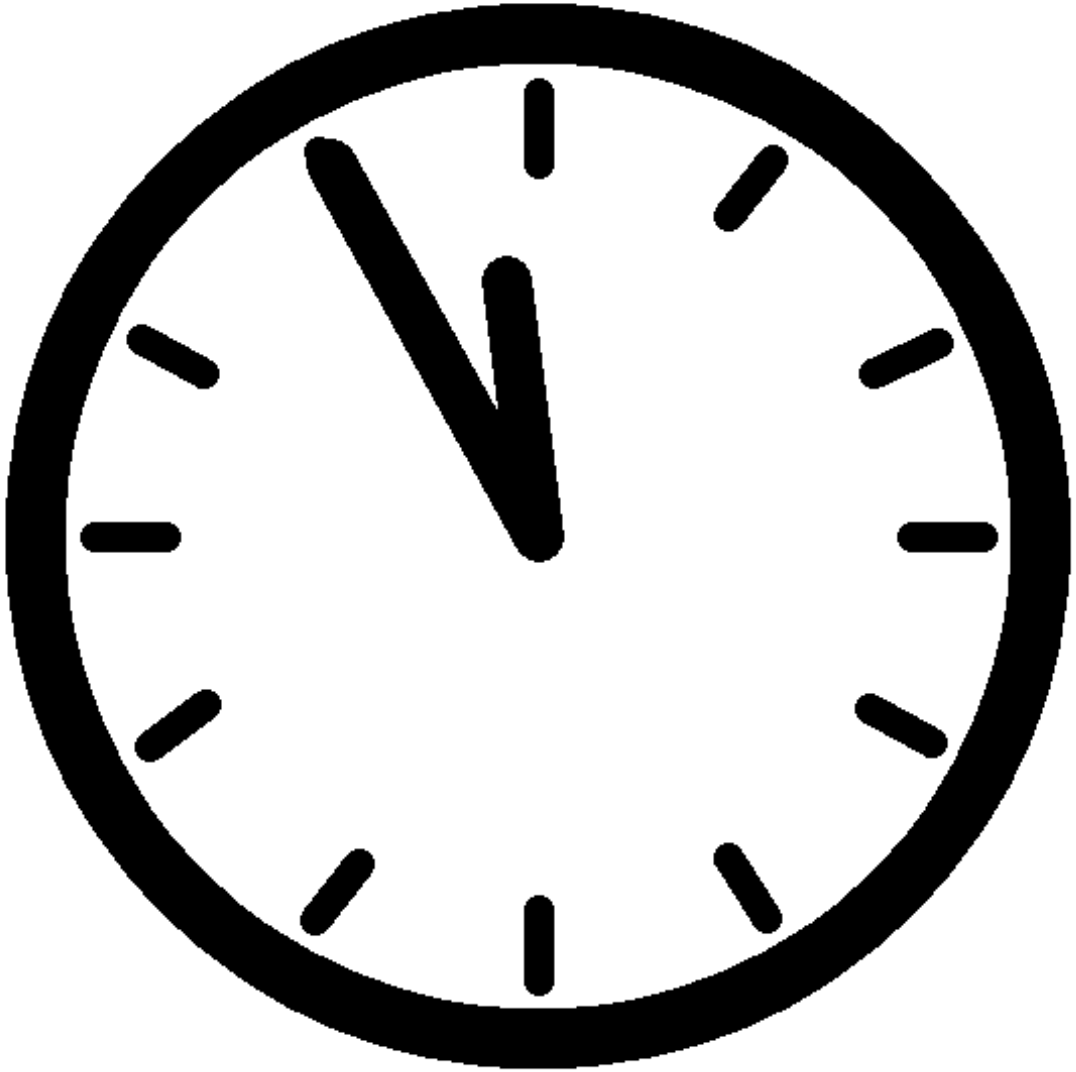
Domestic	International
94	43

65.2%
Domestic Market Share

411
Fleet Size

2200+
Daily Flights

‘Best Airline in India & South Asia’
at the SkyTrax World Airline Awards 2025.



2006

2006

IndiGo commences operations with 100 A320 on-order.

Mr. Matt

2006

2011

2006

2011

IndiGo commits to 180 A320s,
including 150 NEOs.
Largest order in aviation history!

2006

201
1

2015

2015

IndiGo places an additional order of 250 A320 NEOs.

This government's infrastructure push is our green light to scale aggressively!

2006

2011

2015

2025

OPERATIONALIZATION OF AIRPORTS IN THE LAST DECADE

2025

IndiGo operates with a fleet of 400+ aircraft. An unprecedented feat in India.

We seized the moment,
and it paid off.
This is what strategic
foresight looks like !!

Breaking New Ground

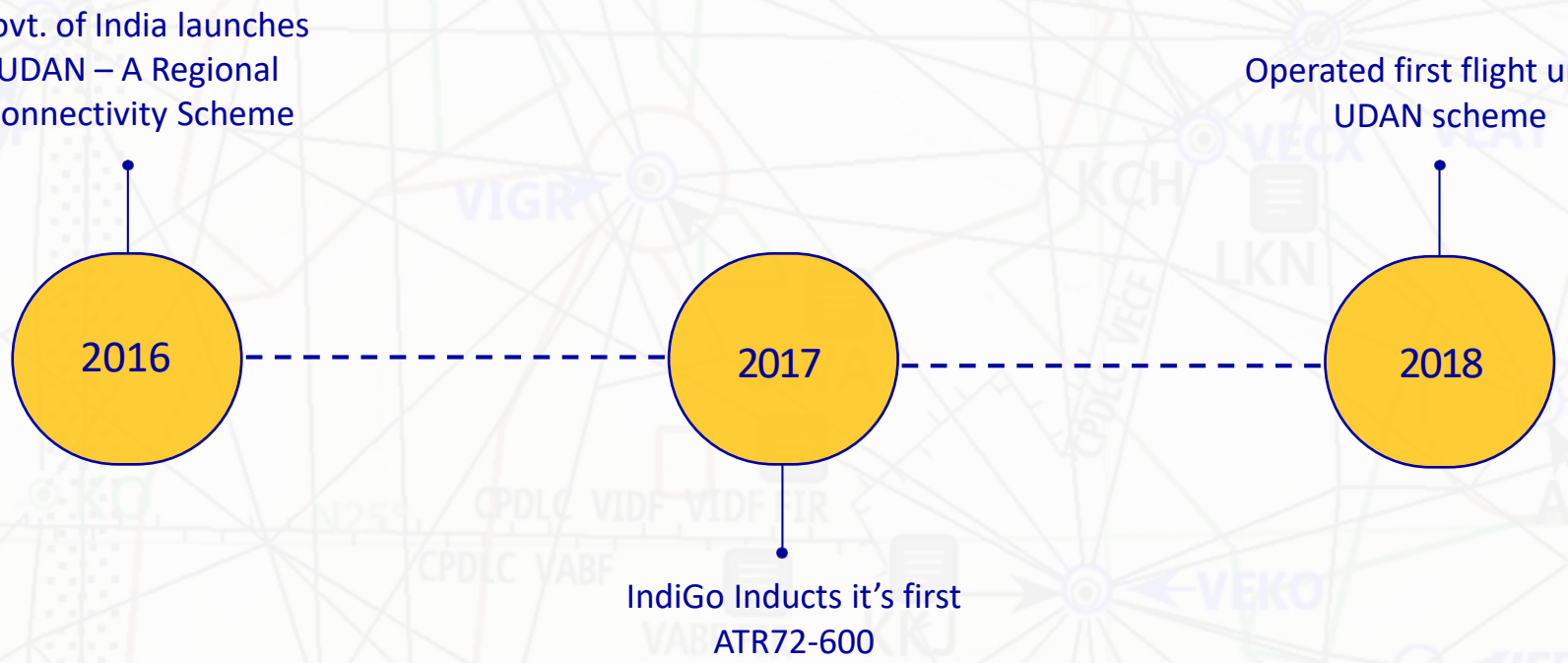
2018

- Significant challenges at under-served, tier-III airports.
- Inadequate infrastructure led to delays, diversions, and cancellations
- Disruptions peaked during low visibility

2020

U D A N

Regional Growth, National Vision



Breaking New Ground

2018

- Significant challenges at under-served, tier-III airports.
- Inadequate infrastructure led to delays, diversions, and cancellations
- Disruptions peaked during low visibility

2020

GAGAN Gets Approval for APV-1

SBAS Landing System Enhances Precision at Airports Without Conventional Aids

IndiGo Inducts it's first ATR72-600.

2017

DGCA and AAI Prioritized connecting regional airports through GAGAN

Invested in SBAS-capable avionics on the regional fleet.

Breaking New Ground

Adoption

5-Phase Ap

Phase-1

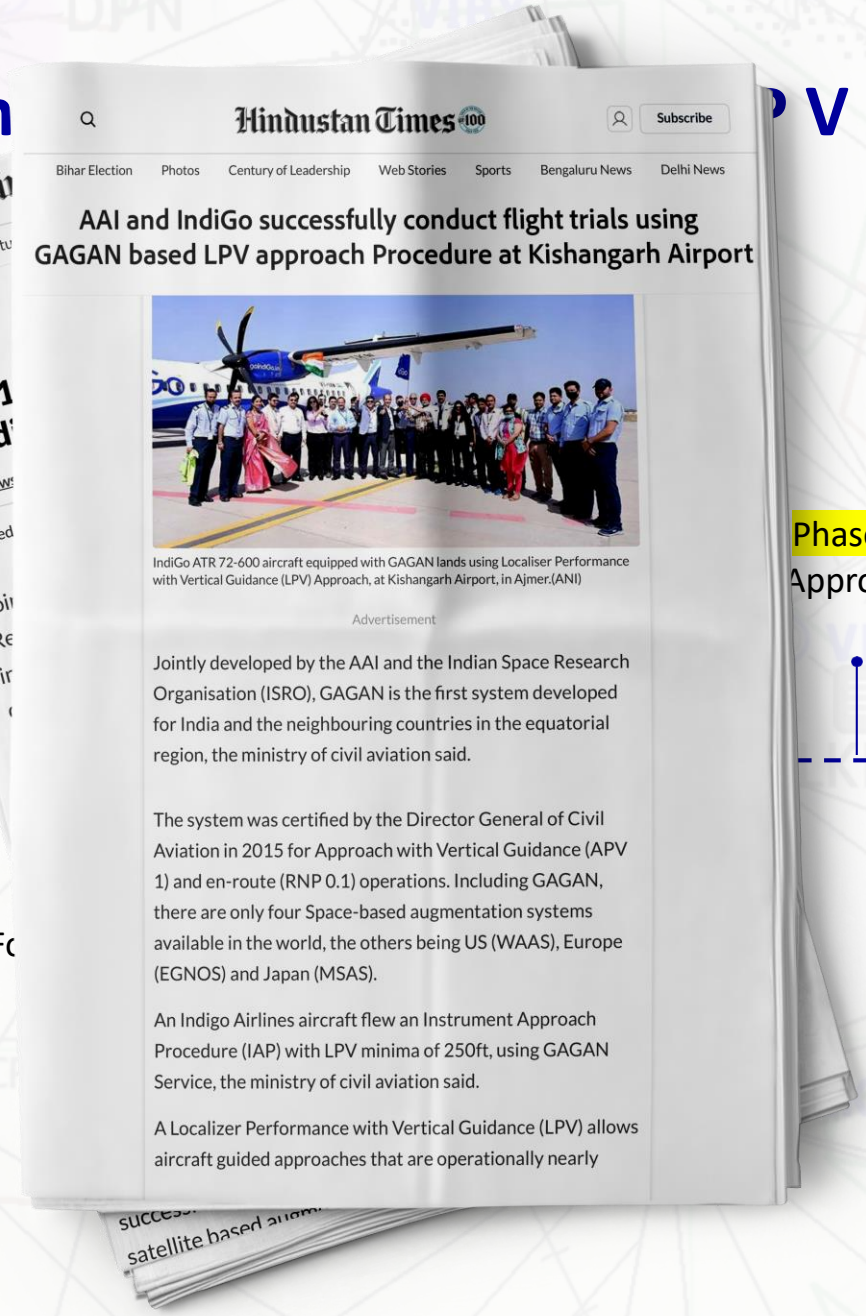
Pre-applicat

Phase-5

Approval

2021

2022



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AAI and IndiGo successfully conduct flight trials using GAGAN based LPV approach Procedure at Kishangarh Airport

IndiGo ATR 72-600 aircraft equipped with GAGAN lands using Localiser Performance with Vertical Guidance (LPV) Approach, at Kishangarh Airport, in Ajmer.(ANI)

Advertisement

Jointly developed by the AAI and the Indian Space Research Organisation (ISRO), GAGAN is the first system developed for India and the neighbouring countries in the equatorial region, the ministry of civil aviation said.

The system was certified by the Director General of Civil Aviation in 2015 for Approach with Vertical Guidance (APV 1) and en-route (RNP 0.1) operations. Including GAGAN, there are only four Space-based augmentation systems available in the world, the others being US (WAAS), Europe (EGNOS) and Japan (MSAS).

An Indigo Airlines aircraft flew an Instrument Approach Procedure (IAP) with LPV minima of 250ft, using GAGAN Service, the ministry of civil aviation said.

A Localizer Performance with Vertical Guidance (LPV) allows aircraft guided approaches that are operationally nearly

Breaking New Ground

Published RNP-LPV Approaches In IndiGo Network

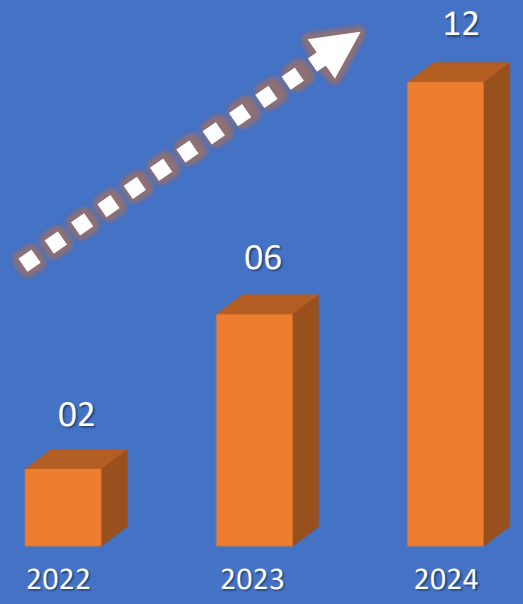
15
Airports

23
Approaches

30
Under Development*

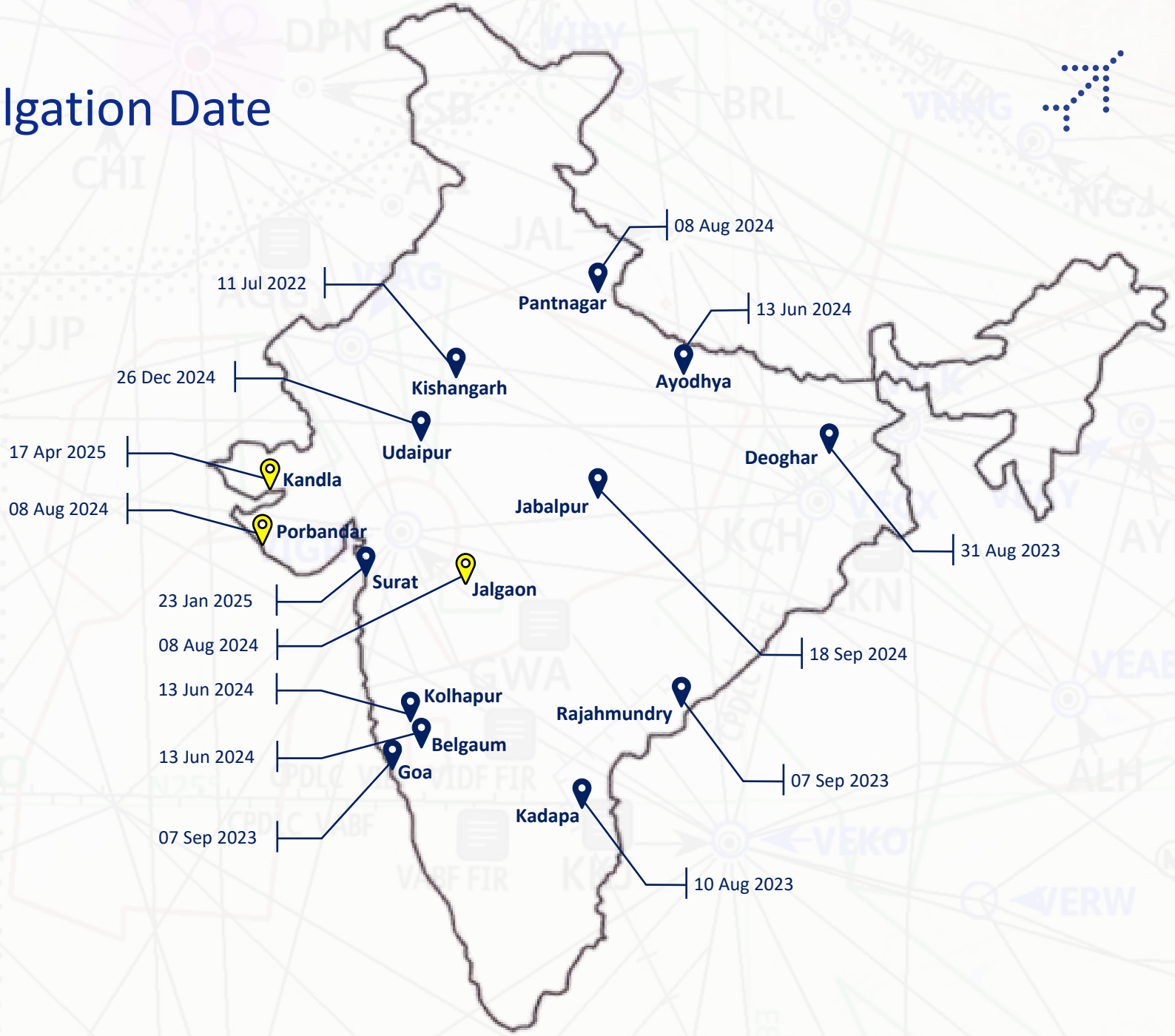
*Source- GBAS/SBAS ITF/7- IP/05

Breaking New Ground



Growth Trajectory of LPV Approach Promulgation

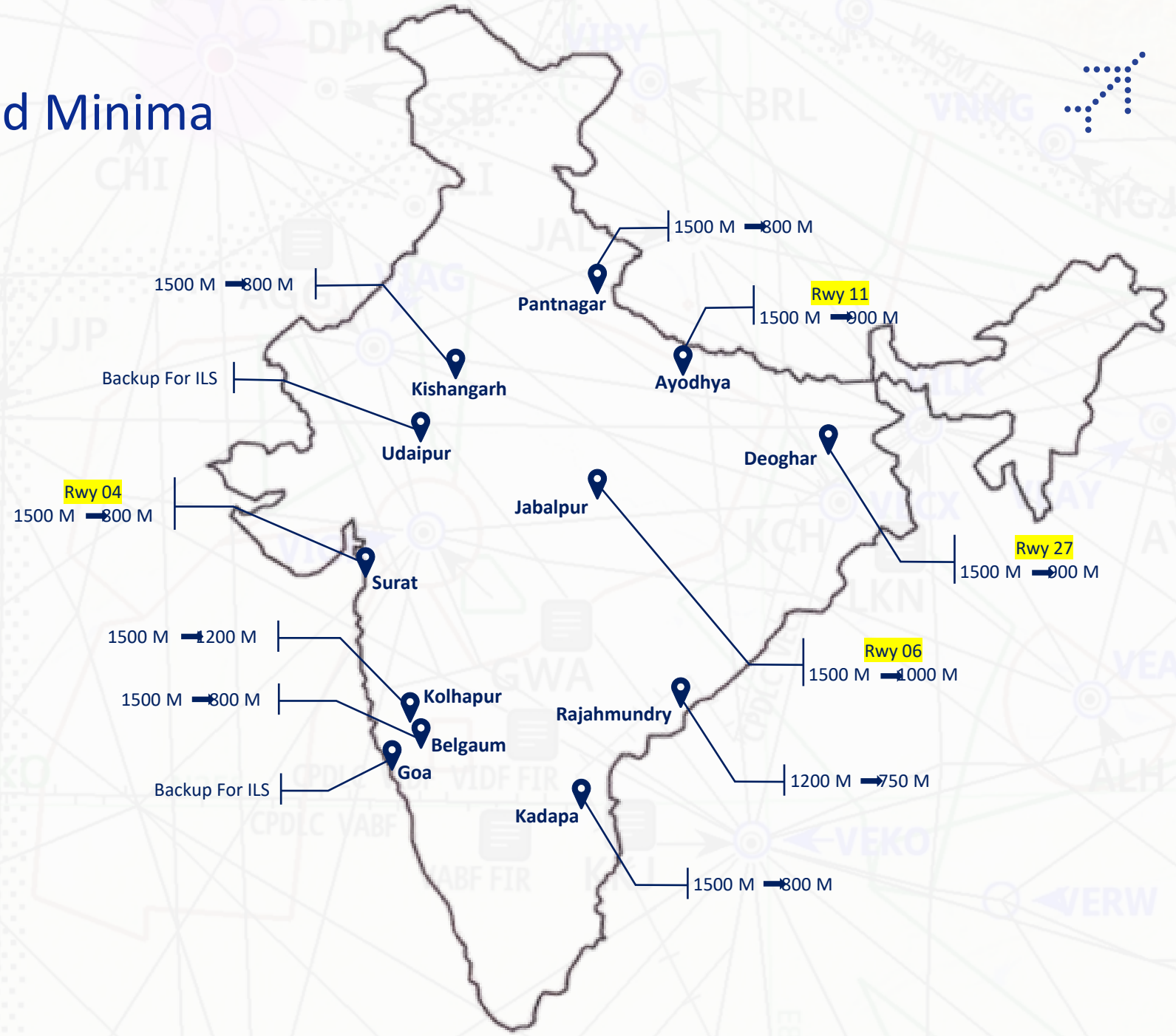
Promulgation Date



Wings Of Efficiency

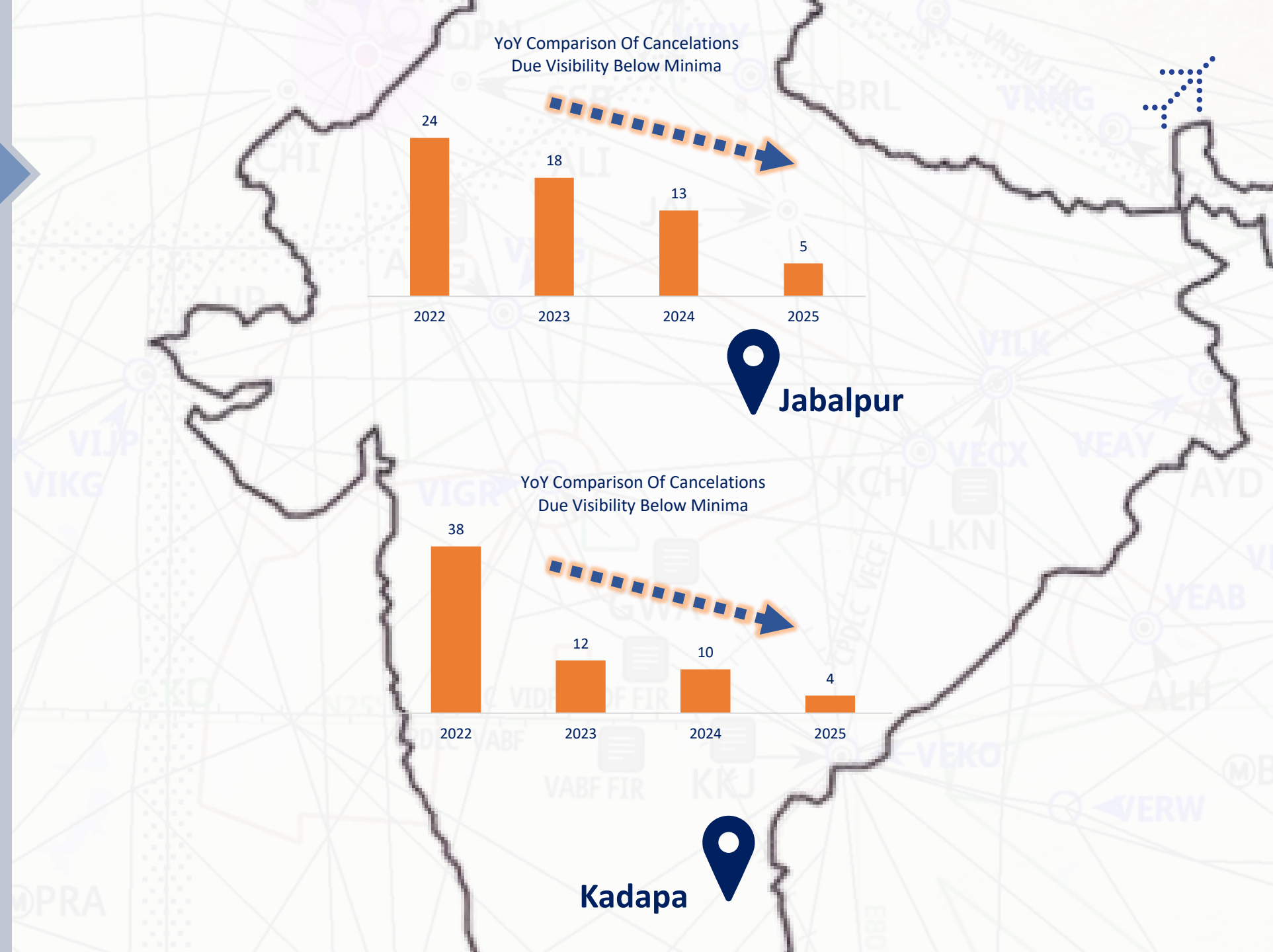
Operational Benefits

Reduced Minima



Wings Of Efficiency

Operational Benefits



Wings Of Efficiency

Benefits Of GAGAN Based LPV Approach

Flight Operations

- Enables procedures at terrain-challenged airports.
- Provides vertical guidance equivalent to ILS.
- Unaffected by temperature and pressure variations.
- Enhanced reliability in adverse weather

Cost Efficiency

- Eliminates requirement for ILS infrastructure.
- Avoids costs of equipment, calibration & periodic maintenance.
- Notable fuel savings due Optimized arrival profiles

Scalability & Interoperability

- LPV approaches can be designed for all runways at an aerodrome.
- Interoperability enables avionics and procedures to function seamlessly across different SBAS systems

Environmental Efficiency

- Mitigates risk of delays, diversions, and cancellations.
- Reduced fuel burn and carbon emissions.

Future Bound

Recap

Approved Since July 2022

15 Airports

23 Approaches

Expanding SBAS capability to Airbus fleet for enhanced future-readiness

Approval Process Commenced in June 2025
(currently in Phase-3)

33 A320 family aircraft Capable of SBAS Landing System
(800+ on order)

Discussion & Insights

Thank you!

Presented by:

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IndiGo