



# Reimagining Regional Connectivity

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## THE FUTURE OF FLYING

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Business and General Aviation's has a major role to play in developing regional connectivity. Its core benefit is flights available on-demand and the ability to choose the most suitable aircraft for the group size, the nature of the destination airport or location, and the budget.

## Midsize & Larger Jets

Hawker 800XP



## Twin Turboprops

King Air B200



## Helicopters

Agusta A109



## Light Jets

Cessna Citation CJ2



## Single Turboprops

Pilatus PC12



The North East Region is a good example of where Business and General Aviation can make a difference. However, it requires the right mix of aircraft to be available to suit the market need and deliver on-demand services at an affordable price point.

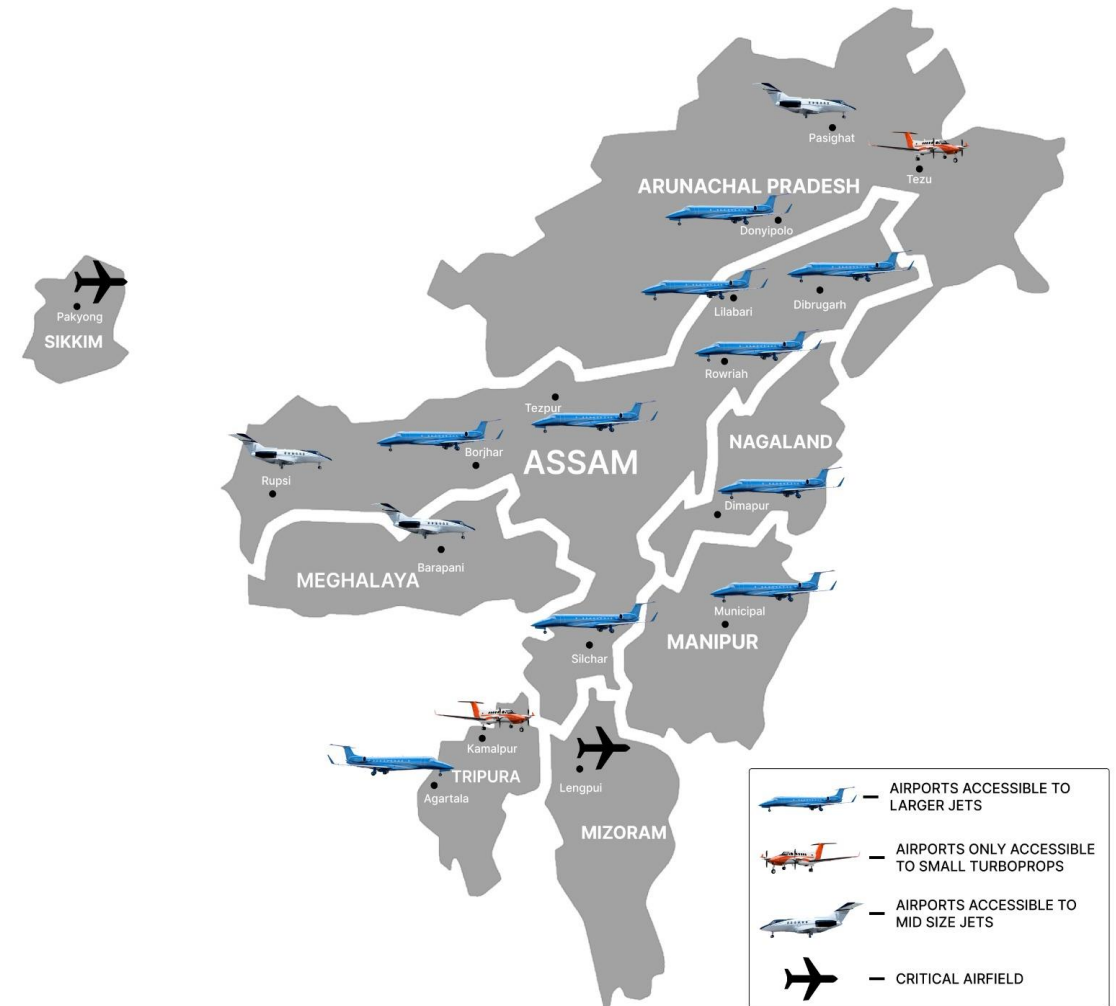
The North East region already has a network of airports and airfields on which to develop improved regional connectivity based on on-demand private and business aviation solutions.

Of this network of 17 airports and airfields:

- 13 are accessible to Light and Midsized jets, and most can take Large jets.
- All airfields in the region are accessible by turboprop aircraft, such as the King Air B200

The region's infrastructure can therefore support a range of aviation services, and business and general aviation can potentially enhance accessibility to the NE Region.

**But, currently, there are no private jet or turboprop operators based in the region. The market demand is small and costs of operation are high.**



A typical Midsize jet, such as a Hawker 800 series aircraft, is the perfect solution for on-demand missions into the region from major cities, with light jets also able to fulfil the mission if journey times or party size is smaller.

## Midsize Jets



Max Range	Range with Max Payload
2,825 nm	2,540 nm
Pax Capacity	Avg Cost Per Hour
6-8	3.75 Lac



Delhi (DEL) – Borjhar (GAU)  
 905 miles / Trip time: 2h 45min  
 Est. Cost: INR 21,92,500

## Light Jets



Max Range	Range with Max Payload
1,530 nm	1,440 nm
Pax Capacity	Avg Cost Per Hour
6-7	2.25 Lac



Kolkata (CCU) – Dimapur (DMU)  
 403 miles / Trip time: 1h 30min  
 Est. Cost: INR 7,45,000

Turboprops, such as the ubiquitous King Air B200, are a good choice for trips within the region, with single engine turboprops such as the PC12, offering large cabins but excellent value for money and short field performance.

## Twin Turboprops



Max Range	Range with Max Payload
1,580 nm	980 nm
Pax Capacity	Avg Cost Per Hour
6 - 8	1.25 Lac -1.5 Lac



Borjhar (GAU) – Dibrugarh (DIB)  
232 miles / Trip time: 1h 30min  
Est. Cost: INR 5,20,000

## Single Turboprops



Max Range	Range with Max Payload
1,742 nm	1,600 nm
Pax Capacity	Avg Cost Per Hour
6 - 8	1.10 Lac



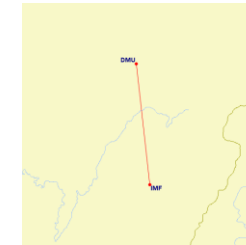
Borjhar (GAU) – Kamalpur (IXQ)  
136 miles / Trip time: 1h 30min  
Est. Cost: INR 3,90,000

Helicopters have traditionally been the choice for short trips between locations within regions airports or airfields. They remain a good choice if such flexibility and access is required, but are expensive to operate and maintain.

## Helicopters



<b>Max Range</b>	<b>Range with Max Payload</b>
517 nm	370 nm
<b>Pax Capacity</b>	<b>Avg Cost Per Hour</b>
5-6	2.5 Lac - 3.5 Lac



Dimapur (DMU) – Manipur (IMF)  
78 miles / Trip time: 1h 30min  
Est. Cost: INR 11,00,000



**We believe the future for Regional Connectivity  
is in the new concept and technologies of  
Advanced Air Mobility (AAM)**

New aircraft designs in development will soon provide new options that offer greater accessibility, lower costs and more sustainable growth in aviation services. This new generation of aircraft offer the real promise of very low emissions or zero emission flights, as well as low noise and exceptional performance into small airstrips or vertiports.

Electric Vertical Take-Off & Landing (eVTOL)	Hybrid Electric Short Take-off & Landing (eSTOL)	Hybrid Electric VTOL/CTOL	Hydrogen Conventional Take-Off & Landing (CTOL)
 <p>Overair Butterfly</p>	 <p>Electra</p>	 <p>Horizon Aircraft X5/7</p>	 <p>ZeroAvia ZA600 x Cessna Caravan</p>
<p>Pax: 5 / Range: 100 miles</p>	<p>Pax: 9 / Range: 460 m</p>	<p>Pax: 7 / Range: 500 miles</p>	<p>Pax: 9-12 / Range: 300+ miles</p>

**On-Demand Mobility (ODM)** or **Regional Air Mobility (RAM)** will match these next-generation advanced technology aircraft with the existing infrastructure of airports and airfields. This combination, along with the clear advantages of on-demand aviation services, has the potential to revolutionise regional connectivity in the North East, and other regions across India.



For many of the sample missions we have highlighted, especially those for shorter intra-regional connectivity the next generation of Advanced Sair Mobility aircraft will offer a cost-effective and environmentally sustainable solution. The operating costs of these aircraft will offer significant cost savings over today's turboprops and helicopters.

**Borjhar (GAU) – Dibrugarh (DIB)**  
**232 miles\* 4 pax**

Turboprop: **King Air B200**  
Trip Time: 60 mins  
Cost: INR3,50,000

Future AAM Alternative:  
**Electra Aero**  
Hybrid Electric eSTOL

Est. Trip Time: 74 mins  
Est. Cost: INR1,55,000



**Borjhar (GAU) – Kamalpur (IXQ)**  
**136 miles\* 4 pax**

Turboprop: **PC12**  
Trip Time: 45 mins  
Cost: INR2,35,000

Future AAM Alternative:  
**Horizon Aircraft Cavorite X7**  
Hybrid Electric V/STOL

Est. Trip Time: 45 mins  
Est. Cost: INR1,38,750



**Dimapur (DMU) – Manipur (IMF)**  
**78 miles\* 4 pax**

Helicopter: **A109**  
Trip Time: 55 min  
Cost: INR 3,00,000

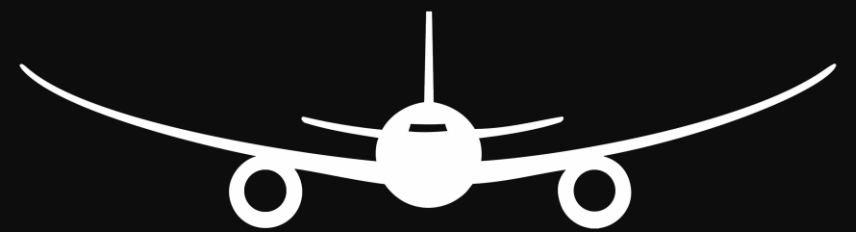
Future AAM Alternative:  
**Overair Butterfly**  
Electric VTOL

Est. Trip Time: 40 mins  
Est. Cost: INR1,00,000



\* Great Circle Distance

Time to fly.....



**JET SET GO**