

The Indiana Strategic Air Transportation System

Ray Wabler



INSATS Background

- NASA initiated the Small Aircraft Transportation System (SATS) project in 2000 as a follow-up to the Advanced General Aviation Transportation Experiments (AGATE) and General Aviation Propulsion (GAP) projects. AGATE and GAP advanced aircraft technology while SATS focused on infrastructure operating capabilities needed to support On Demand transportation.
- To support the NASA/FAA/Industry collaborative research, 5 SATSLabs were funded/initiated to demonstrate those operating capabilities.
- **INSATS**, the 6th SATSLab, was started in recognition of the **Economic Development** opportunities that On Demand transportation could provide rural communities!



INSATS – Promote On Demand Transportation in Indiana

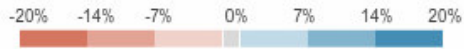
- **Accessibility = Economic Development**
- Indiana lost commercial flights in June, thus reducing business' accessibility to customers.
- On Demand Transportation (Part 135 Charter Operations in particular) is providing accessibility for rural communities in other states.
- INSATS proposes to develop the Indiana On Demand Transportation Network



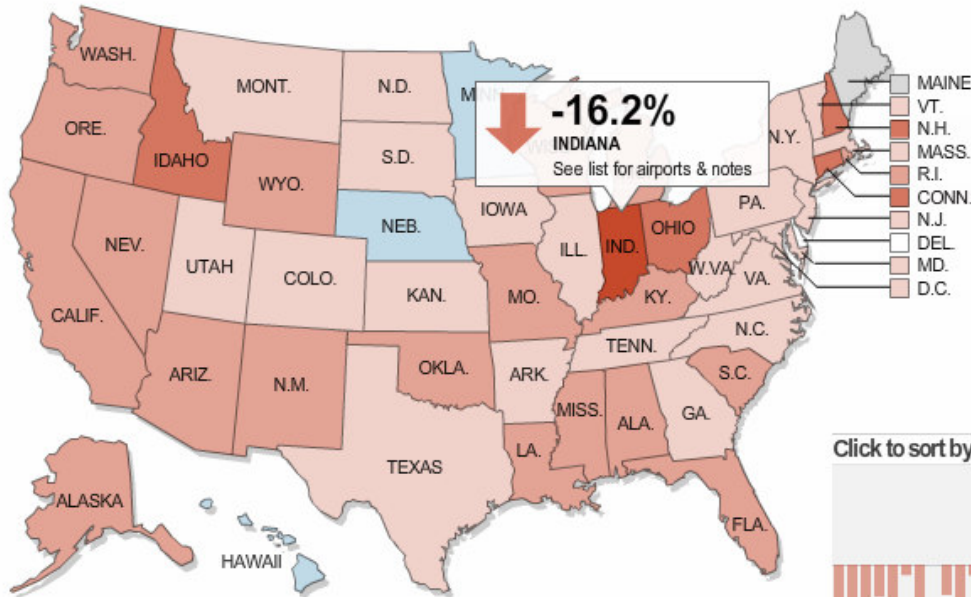
Airline schedule changes at 300 U.S. airports

States are seeing reduced capacity on domestic flights out of their airports. June schedules show domestic capacity down 7.2%. **Roll over a state to see the change in total seats for all airports within that state, along with changes for its top airports.**

Examine state by state



Percentage change in seats on departing domestic flights, June 2009 vs. June 2008. Based on USA TODAY analysis of preliminary airline schedule data from OAG - Official Airline Guide as of April 13, 2009.



Indiana

SEATS *	CHG **	CODE	AIRPORT
13,991	-15.8%	IND	Indianapolis
1,056	-20.1%	SBN	South Bend
949	-19.7%	FWA	Fort Wayne
845	-12.9%	EVV	Evansville

* Avg. daily seats on departures to domestic airports, June 2009.
 ** Change from June 2008.

Click to sort by: STATE % CHG.



CREDITS: William Couch, Barbara Hansen, Anne Carey



Develop the Indiana On Demand Air Transportation Network

- Coordinate a Network of Existing Part 135 Operators with idle aircraft to increase utilization
- Develop On Demand Booking Website
- Promote On Demand Air service throughout the Midwest





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Leaving

10/29/2008

Passengers

2

Time

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Enabled by: One-way Round-trip Passengers: Leave: Time:

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	Service Provider	Details Click Image	Origin	Departs	Destination	Arrives	Minutes In Air	Total Price One Way
<input type="radio"/>			ORF - NORFOLK INTL	10/29/2008 9:00 AM	ROA - ROANOKE RGNL/WOODRUM FIELD	10/29/2008 10:23 AM	83	\$3800 For up to 8 Passengers
<input type="radio"/>			ORF - NORFOLK INTL	10/29/2008 9:00 AM	ROA - ROANOKE RGNL/WOODRUM FIELD	10/29/2008 10:23 AM	83	\$885 For up to 3 Passengers

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By flying Door2DoorAir, you will save over 2 hours in total time vs. flying a Commercial Carrier.



Indiana's 2 hour market

On Demand Transportation can offer Indiana businesses access to over 100,000,000 people

The Indiana Advantage...



Questions?

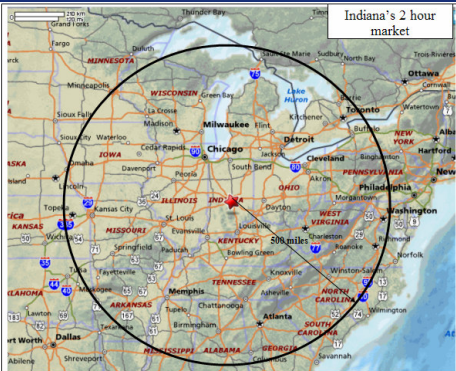
Contact Ray Wabler
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On-Demand Transportation

On-demand air travel is the transportation paradigm of the future. It is a dynamic regional transportation system for trips that range between 150 and 500 miles. On Demand transportation includes air charter services and fractional ownership. INSATS is currently raising awareness of On Demand transportation and the benefits it can bring to operators, airports, business and the surrounding economies.

For airports it means new opportunities for growth and enhanced capabilities and a greater demand for creature comfort services at the airports.



For business, this means time savings for a minimal cost while maximizing the potential impact on target markets. This can provide businesses in Indiana two-hour access to more than **103 million people**.

For Part 135 Operators it means new opportunities for utilizing idle aircraft. Let INSATS direct passengers who need to fly on their schedule to you. You set the rate - your customer sets the schedule – INSATS make the connection!

For Economic Development leaders it means Accessibility; and Accessibility equals economic development. Just like cities by the off ramps of the Interstate highway saw astronomic growth in the 20th century, in the 21st century economic growth will be around the off ramps of the Highways In The Sky - **community airports**.

