## Solberg Airport: Next Steps

- Special Bond Referendum on May 16, 2006
  Involve the public in the decision making process
- Approval of bond referendum will allow the Township to:
  - Complete Application for 2006 funding from the NJ Environmental Infrastructure Trust
  - Continue negotiations with Solberg Aviation with the ability to make a cash offer
  - Acquire the open space surrounding the airport and development rights on the airport itself

# Pursuit of a Solution to the Airport Issue – Why?

- Long standing public concern for future of the airport
- Development pressure is a serious and continued threat to general aviation airports and large open space tracts
- Readington has a long standing goal of protecting rural character and natural resources

# Concern for the Airport's Future

- Expansion plans have progressed under FAA regulations and procedures for over a decade
- Airports expand incrementally
  - 1990 Main runway increased 1800 to 3000 ft.
  - 1999 FAA and NJDOT conditionally approved Airport Layout Plan with 4,890 foot runway
  - 2005 Airport owners reiterated goal of 5,600 ft runway
- Runway length greater than 4,000 feet can safely accommodate certain business jet aircraft

## Examples of Aircraft That Can Operate on 4,800' Runway



Type:Bombardier Learjet 40Wingspan:47.8'Length:55.6'Max Wt.20,350 lbs.



Type:Bombardier Learjet 45Wingspan:47.8'Length:58.4'Max Wt.21,000 lbs.



Type:Bombardier Challenger<br/>300 BD-100-1A10Wingspan:63.8'Length:68.6'Max Wt.38,850 lbs.

### Examples of Aircraft That Can Operate on 5,600' Runway



Type:Embraer Legacy Shuttle EMB-135LRWingspan:65.8'Length:86.4'Max Wt.44,092 lbs.Similar to 35-seat regional jet



Type:Dassault Falcon 900EXWingspan:63.4'Length:66.3'Max Wt.46,700 lbs.



*Type: Wingspan: Length: Max Wt.* 

Gulfstream 450 (GIV-X) 77.8' 89.3' 73,900 lbs. Similar to 50-seat regional jet

## Township's Long Standing Goal: Preservation of Open Space

### 650 acres of open space surrounds the airport

- Water quality
- Natural resources
- Critical wildlife habitat
- Scenic vistas
- Farmland
- Recreation opportunities
- Historic integrity of Readington Village
- Community Character

The Airport property is largely open space.

## Pursuit of a solution– Why now?

# Opportunities for a solution could soon be lost

- Open Space Preservation funding is available today
- Funding after 2007 is uncertain
- Price continues to escalate

### Pursuit of a solution– Why now?

# Opportunities for a solution could soon be lost

- FAA and the NJDOT could move to give full approval to the Airport Layout Plan
  - Approval paves the way for creation of a Jetport
  - Funding possible under FAA Airport Improvement Program
  - Solberg: in FAA National Plan of Integrated Airport Systems as privately-owned public use/designated reliever airport
  - Concern that the expansion process becomes unstoppable, or leads to protracted and expensive battle to preserve character of community

### National Plan of Integrated Airport Systems (NPAIS)



#### Report to Congress



#### National Plan of Integrated Airport Systems (NPIAS)







U.S. Department of Transportation Federal Aviation Administration

2005-2009

#### **New Jersey**

#### Primary and Commercial Service Airports

City	Airport	LocID	Role		Year 5		2005-2009
			Current	Year 5	Enplaned	Bsd Aft	Dev Cost
Atlantic City	Atlantic City International	ACY	PR	PR	436,055	51	\$33,337,548
Newark	Newark Liberty International	EWR	PR	PR	19,584,495	2	\$636,801,777
Trenton	Trenton-Mercer Airport	TTN	PR	PR	30,630	166	\$59,945,000

#### **Reliever and General Aviation Airports**

City	Airport	LocID	Role		Year 5	2005-2009
City		LOCID	Current	Year 5	Based Aircraft	Dev Cost
Andover	Trinca	13N	GA	GA	23	\$2,000,000
Atlantic City	Atlantic City Muni /Bader Field	AIY	GA	GA	- 11	\$0
Belmar/Farmingdale	Monmouth Executive	BLM	RL	RL	219	\$0
Berlin	Camden	19N	GA	GA	52	\$0
Blairstown	Blairstown	1N7	GA	GA	159	\$0
Caldwell	Essex Cty Arpt	CDW	RL	RL	352	\$9,851,000
Cross Keys	Cross Keys	17N	GA	GA	65	\$0
Hammonton	Hammonton Muni Arpt	N81	GA	GA	59	\$3,039,870
Lakewood	Lakewood	N12	GA	GA	83	\$2,494,711
Lincoln Park	Lincoln Park	N07	RL	RL	184	\$3,826,002
Linden	Linden Arpt	LDJ	RL	RL	128	\$985,000
Lumbrerton	Flying W	N14	GA	GA	70	\$0
Manville	Central Jersey Regional	47N	RL	RL	155	\$5,928,694
Millville	Millville Muni Arpt	MIV	GA	GA	109	\$7,333,334
Morristown	Morristown Muni Arpt	MMU	RL	RL	347	\$15,490,000
Mount Holly	South Jersey Reg Arpt	VAY	RL	RL	194	\$1,000,000
Ocean City	Ocean City Muni Arpt	26N	GA	GA	22	\$1,150,000
Old Bridge	Old Bridge	3N6	GA	GA	106	\$0
Pedrictown	Spitfire Aerodrome	7N7	GA	GA	30	\$0
Pittstown	Alexandria Airport	N85	GA	GA	102	\$0
Pittstown	Sky Manor Arpt	N40	GA	GA	94	\$0
Princeton	Princeton	39N	RL	RL	161	\$670,000
Readington	Solberg-Hunterdon	N51	RL	RL	101	\$12,750,000
Robbinsville	Trenton-Robbinsville	N87	RL	RL	69	\$2,923,000
Somerville	Somerset Arpt	SMQ	RL	RL	205	\$830,000
Sussex	Sussex Arpt	FWN	RL	RL	153	\$810,000
Teterboro	Teterboro Arpt	TEB	RL	RL	188	\$51,152,755
Toms River	Robert J. Miller Airpark	MJX	GA	GA	103	\$1,366,000
Vincentown	Red Lion	N73	GA	GA	53	\$0
West Milford	Greenwood Lake	4N1	GA	GA	107	\$875,000
Wildwood	Cape May Cty Arpt	WWD	GA	GA	71	\$2,966,667
Woodbine	Woodbine Muni Arpt	1N4	GA	GA	50	\$3,409,000

### 1992 NJ State Aviation System Plan

#### New Jersey State Aviation System Plan

#### FINAL TECHNICAL REPORT

Prepared for the New Jersey Department of Transportation Office of Aviation



EMJ/McFarland - Johnson Engineers, Inc. In Association With Proctor/Davis/Ray Engineers, Inc. R.A. Wiedemann & Associates, Aviation Consultants

#### Exhibit VIII.2 - REVISED AIRPORT UPGRADE RECOMMENDATIONS

Airport	Recommended Initial Category	Recommended Revised Category	Recommended Runway Length
Aeroflex-Andover Blairstown Essex County Farmingdale/Allaire Hackettstown Hammonton Municipal	GU GU TR TR BU II GU	LU BU II GU II Same LU Same	2,000' 3,500' 4,550' 7,020' 2,200' 3,700'
Lakewood Lincoln Park Lumberton/Flying W Manville/Kupper Matawan/Mariboro Morristown Municipa	GU GU GU BU II TR	BU II BU I Same BU II BU I Same	3,460' 2,940' 3,700' 3,410' 2,600' 6,000'
Pittstown/Alexandrid Pittstown/Sky Manor Princeton Readington/Solberg- Hunterdon Somerville/Somerset	BU II GU GU TR	BU I Same Same TR BU II	2,700' 3,700' 3,700' 4,800' 3,500'
South Jersey Region(1 Sussex W Milford/Greenwood Lk. Williamstown/Cross Veys	TR GU TR TR <sup>1</sup>	Same BU II BU I GU II	5,500' 3,510' 2,733' 4,200'

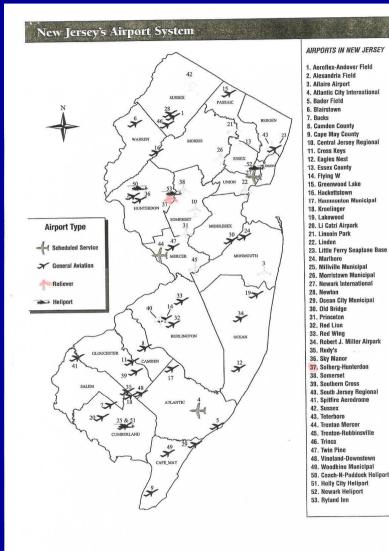
Pedricktown/Old Mans Airport may be recommended for expansion to Transport length if Cross Keys is not expanded.

Legend:	LU	Less than Utility
	BU	Basic Utility Stage I
	BU II	Basic Utility Stage II
	GU	General Utility Stage I
	GU II	General Utility Stage II
	TR .	Transport

Burlington County/South Jersey Regional Airport was originally recommended for expansion from a General Utility class airport to a Transport class facility. This recommendation will stay the same. The runwiy length, however, is recommended for ultimate expansion to 5,500' by the airport's master plan. For this study then, the recommended master plan length of 5,500' will be used.

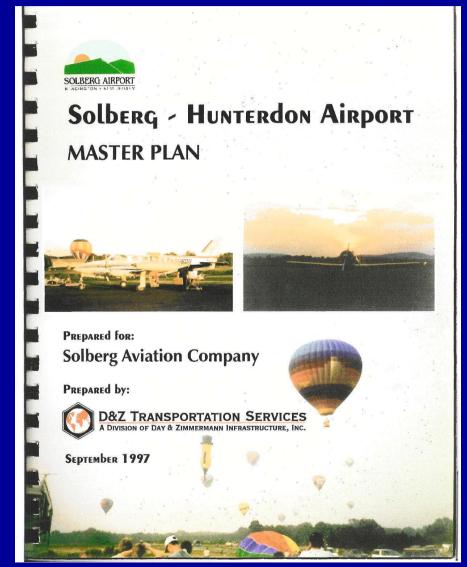
VIII-8

## NJ State Aviation System Plan



Solberg is a Reliever Airport

### 1997 Solberg-Hunterdon Airport Master Plan



## Pursuit of a Solution– Why Now?

Progress in negotiations:

- Parties agree general aviation airport should be preserved
- Parties agree ownership of airport to stay with Solberg Aviation
- Parties agree adjacent open space should be preserved
- Parties agree Balloon Festival should be continued

# By what authority does the FAA have control over airports?

- Federal Aviation Act of 1958, amended 1968
- 1979 Aviation Safety and Noise Abatement Act
- Airport and Airway Improvement Act of 1982
- Airport Noise and Capacity Act of 1990

# By what authority does the State of New Jersey have control of airports?

- The State Aviation Act entrusts "Supervision of Aeronautics" to the Commissioner of Transportation.
- The NJ Airport Safety and Zoning Act and the NJ Airport Safety Act, both of 1983, broadened the Commissioners powers.
- NJ established new General Aviation Review Commission (Executive Order 78; 10-24-03)

### Summary: Authority of host municipalities over airports is limited

- Municipal control of airports can be limited by FAA and State regulations
- If FAA grant funds have been received by the airport, then there can be no discrimination among types of aircraft using licensed runways.
- A runway length of 4,000 feet can safely accommodate certain business jet aircraft
- After that, the horse is out of the barn the jets are out of the hanger – and municipal options are extremely limited