Bradley International Airport
“The Gateway to New England”

Lauren Caprario
John Cucchiara
Laura Surdek
History

• The land that Bradley International resides on was purchased by the State and then handed over to the US Army
• Was designated as a flight training facility for the impending
• Named after Lt. Eugene Bradley who died in a training accident
History

- During the war numerous fighter and recon groups departed from Bradley
- After the war in 1947, the Bradley International began catering to civilians.
  - One year later the airport was given back to the State of Connecticut for public and commercial use
- It wasn’t until 2009, with the use of Ground-penetrating radar, that a local state archaeologist discovered the remains of Lt. Bradley’s crash site
  - It turned out to be directly located underneath Runway 33
Current Status

• Connecticut’s busiest commercial airport
• Second-busiest in New England
  o Boston’s Logan International Airport is busiest
• Runway length: 9,502 feet
• Air National Guard still leases the southwest corner of the airport for its ANG operations
Passenger Growth

Total number of passengers has actually decreased within the past 4 years

- 2007: 6,519,181
- 2008: 6,058,398
- 2009: 5,317,352
- 2010: 5,380,987
However over the past 12 months, BDL has seen a steady passenger growth of 9% compared to the previous year.
Percentage Growth

Average Percent growth 8.67%
(Based on current month compared to same month in previous year)
Airlines

- Air Canada
- American Airlines
- American Eagle
- Continental Airlines
- Delta
- Frontier Airlines
- JetBlue Airways
- Southwest Airlines
- United Airlines
- US Airways
Flights and Destinations

- Atlanta, GA
- Baltimore, MD
- Charlotte, NC
- Chicago, IL – Midway
- Chicago, IL – O’Hare
- Cincinnati, OH
- Cleveland, OH
- Dallas-Fort Worth, TX
- Detroit, MI
- Fort Lauderdale, FL
- Las Vegas, NV
- Miami, FL
- Milwaukee, WI
- Minneapolis, MN
- Montreal, QC (Canada)
- Nashville, TN
- New York, NY – Kennedy
- New York, NY – LaGuardia
- Newark, NJ
- Orlando, FL
- Philadelphia, PA
- Pittsburgh, PA
- Raleigh-Durham, NC
- Rochester, NY
- San Juan, Puerto Rico
- Tampa, FL
- Toronto, ON (Canada)
- Washington, DC – Dulles
- Washington, DC – Reagan Nt’l
- West Palm Beach, FL
Busiest Domestic Routes from BDL

- Baltimore, Maryland – 250,000 passengers
- Orlando, Florida – 250,000 passengers
- Atlanta, Georgia – 246,000 passengers
- Chicago (O’Hare), Illinois – 235,000 passengers
- Charlotte, North Carolina – 216,000 passengers
- Philadelphia, Pennsylvania – 138,000 passengers
- Detroit, Michigan – 133,000 passengers
- Dallas/Fort Worth, Texas – 133,000 passengers
- Washington (Dulles), D.C. – 18,000 passengers
- Minneapolis/St. Paul, Minnesota – 115,000 passengers

August 2010 – July 2011
Cargo Flights

- ABX Air (Airborne Express)
  - Travels to Rochester (NY)
- Capital Cargo International Airlines
  - Travels to Rochester (NY)
  - Seasonal destinations: Boston, Cincinnati/Northern Kentucky, Toledo
- FedEx Express
  - Travels to Indianapolis, Memphis, Newark
  - Seasonal destinations: Harrisburg, Greensboro, Manchester (NH)
- FedEx Feeder (operated by Wiggins Airways)
  - Travels to Bridgeport, Long Island/Islip, Newark, Manchester (NH), Portland (ME)
- UPS Airlines
  - Travels to Albany, Chicago-Rockford, Louisville, Newark, Philadelphia, Providence
  - Seasonal destinations: Cleveland, Dallas/Ft. Worth, Des Moines, Manchester (NH), Ontario (CA), Syracuse (NY)
New Services

JetBlue Airways

• Nonstop service to San Juan, Puerto Rico
  o Set to begin January 5, 2012

• Nonstop service to West Palm Beach, Florida
  o Set to begin January 12, 2012
Renovations

$200 million airport modernization began in 2000

- Existing Terminal A’s roof raised to create a uniform look
- Sit-down restaurant and additional retail stores added
- Eliminating escalator in existing Terminal A to provide additional ticket counter and office space
- Security checkpoint relocated with a total of 10 passenger screening lanes
Renovations – New Concourse

- Open since April 2003
- Connected to existing Terminal A
  - West Concourse
  - Gates 20 – 30
- 260,000 square feet total
- Future Plans
  - Renovating United check-in areas
  - Adding more concessions

- Departure level (main floor)
  - Includes ticket counters, waiting areas, a concession area, and other amenities
- Arrival area (lower level)
  - Includes 4 baggage carousels and ground transportation area
Terminal A (East Concourse)
Gates 1 – 12

Continental
Continental Express
Delta
Delta Connection
JetBlue
Southwest
Terminal A (West Concourse)
Gates 20 – 30
Renovations

Replacing the Murphy Terminal, Terminal B

- Closed to passenger use on April 15, 2010
- Currently hosts offices of the Connecticut State Police and used for storage
- New terminal will have a state of the art food court and retail options
- Two separate concourses
  - 12 gates each
- Connect to an expanded International Arrivals Building
- Expected to begin with demolition of existing terminal in 2013
Ground Transportation

Rail
- Windsor Locks and Windsor train stations located near BDL both served by Amtrak
- Connecticut Transit buses travel between the train stations and the airport frequently
  - Increased bus service to be issued to expanded rail services and airport traffic

Bus – Connecticut Transit
- Route 34
  - Local service connecting BDL with Windsor and Hartford
- Route 30
  - The “Bradley Flyer”
  - Express service to and from downtown Hartford
Recent News – June 22, 2010

- Virgin Atlantic aircraft carrying 300 passengers from London Heathrow Airport to Newark Liberty International Airport
  - Diverted to BDL due to strong thunderstorms
- Two auxiliary power units failed and let to difficulties in keeping the grounded jet air conditioned
- Flight crew discovered no fuel had been transferred to the wing tanks after refueling
Recent News – June 22, 2010

• Entire incident prolonged due to the amount of time needed to bring Customs and Border Protection staff onsite
  - Local policy that all passengers and baggage be brought into the FIS before passengers can begin clearing customs

• All passengers were finally deplaned by 1:40 AM, over five hours after arriving
Recent News – Halloween Storm

• Ice covered instrument landing systems at JFK and Liberty International Airport
  o New York City, NY and Newark, NJ
• Both diverted planes to Logan in Boston
  o “Airlines ‘began to make independent decisions’ about diverting flights”
• Logan unable to handle the diverted planes
• Re-diverted some planes to Bradley
  o 29 planes sent to Bradley in two hours
Recent News – Halloween Storm

• Due to the weather and number of flights diverted, 5 flights were left on the tarmac up to 7.5 hours
• Airlines faces fines up to $27,500 per passenger for flights on the tarmac over three hours
• Airlines not communicating with each other
Developments from the Halloween Storm

- FAA announced changes to prevent a repeat
- Replacement of navigation equipment at JFK
- Improve communication between airports and FAA
Recent News – American Airlines

• AMR filled for Chapter 11 on November 29th
  • Parent company of American Airlines
• AA has three gates at Bradley (out of 30)
  o 7 daily arrivals and 7 daily departures
• No immediate impact but it could lead to fewer flights out of Bradley in the future
• Plans to cut 10% of flights or unprofitable routes
# Airport Comparison

<table>
<thead>
<tr>
<th></th>
<th>Bradley International</th>
<th>TF Green</th>
<th>Logan International</th>
<th>JFK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gates</td>
<td>22</td>
<td>22</td>
<td>103</td>
<td>151</td>
</tr>
<tr>
<td>Yearly Passengers</td>
<td>5.4 Million</td>
<td>3.9 Million</td>
<td>27.4 Million</td>
<td>46.5 Million</td>
</tr>
<tr>
<td># of Airlines In/Out</td>
<td>13</td>
<td>7</td>
<td>47</td>
<td>83</td>
</tr>
<tr>
<td># of Runways</td>
<td>3</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Destinations</td>
<td>31</td>
<td>23</td>
<td>102</td>
<td>171</td>
</tr>
<tr>
<td>International?</td>
<td>Yes, to Canada, Puerto Rico, Mexico</td>
<td>Yes, Canada</td>
<td>Yes, to many countries</td>
<td>Yes, to many countries</td>
</tr>
</tbody>
</table>
Suggestions

• It seems that Bradley International’s biggest problem lie in crisis management
  o When needed as a secondary airport to handle diverted planes, they have had two major failures in the recent past
• A unit and plan must be created to a sudden influx of planes and passengers
  o A standby crew, comprised of border officials and supports should be on site in times of forthcoming severe weather
Suggestions

• In addition, should any plane be suddenly transferred to Bradley, a terminal should be opened specifically for incoming emergency passengers
  o This terminal will be quipped with basic amenities so passengers get a chance to deplane and relax while they await their flight
Sources

- http://www.menafn.com/qn_news_story.asp?storyid=%7Bff896f52-2571-4eb1-930a-5b2fcb041670%7D
- http://naugatuck.patch.com/articles/american-airlines-files-for-bankruptcy-protection-0f41773c
- http://en.wikipedia.org/wiki/Logan_International_Airport
- http://www.bradleyairport.com/home/