Welcome

Public Information Centre
May 25, 2016

• Please sign in on the sheet provided.

• Browse display materials.

• Questions? Ask an Airport representative at one of the stations.

• Provide Your Feedback:
  • Online: Log on to engageregionofwaterloo.ca
  • Email Us: AirportMasterPlan@regionofwaterloo.ca

Visit waterlooairport.ca/masterplan for more information.

Thank you for your involvement in this project.
The Master Plan is being developed to help guide the future of the Region of Waterloo International Airport (YKF) for the next 20 years (2016 - 2035).

The plan will take into consideration the opportunities and challenges the Airport will face including how to best meet the travel and connectivity needs of our growing community.

The Airport Master Planning Process:

- Project Commencement - April 2016
- Public Information Centres
  - #1 - May 25, 2016
  - #2 - Fall 2016
- Region of Waterloo Planning & Works Committee Update - December 6, 2016
- Project Completion - December 2016
Under the direction of Regional Council, the Airport has initiated the process to create a new Master Plan and Business Plan. Work to develop a series of recommendations for the next 20 years (2016-2035) and how to best meet the travel and connectivity needs of our growing airport community. Seek input from stakeholders and the community-at-large. Ensure a continued safe, efficient and environmentally-sustainable airport.

On-going Opportunities for Community Input

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2016</td>
<td>Establish Airport Steering Committee</td>
</tr>
<tr>
<td>May 25, 2016</td>
<td>Public Information Centre #1 Online Engagement</td>
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<tr>
<td>Fall 2016</td>
<td>Public Consultation Centre #2 Online Engagement</td>
</tr>
<tr>
<td>December 2016</td>
<td>Recommendation to Regional Council</td>
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Prepare a written plan with a series of recommendations for implementation starting in 2017.
Airport Overview
In 2015 the Airport contributed an estimated $90 million to the Region’s economy*

* Wilfrid Laurier University 2015 Economic Impact Study

**Canadian Airports: Passenger Traffic & Economic Impact**
Passenger Traffic

YKF Passenger Traffic 2005 to 2015

Passenger traffic at YKF is up 694% since 2005

<table>
<thead>
<tr>
<th>Year</th>
<th>Passenger Traffic</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>22,507</td>
</tr>
<tr>
<td>2006</td>
<td>34,834</td>
</tr>
<tr>
<td>2007</td>
<td>91,706</td>
</tr>
<tr>
<td>2008</td>
<td>118,586</td>
</tr>
<tr>
<td>2009</td>
<td>105,479</td>
</tr>
<tr>
<td>2010</td>
<td>105,561</td>
</tr>
<tr>
<td>2011</td>
<td>101,122</td>
</tr>
<tr>
<td>2012</td>
<td>120,828</td>
</tr>
<tr>
<td>2013</td>
<td>138,733</td>
</tr>
<tr>
<td>2014</td>
<td>145,508</td>
</tr>
<tr>
<td>2015</td>
<td>153,963</td>
</tr>
</tbody>
</table>

Source: Region of Waterloo International Airport

2016 Route Map

Route Map
- Non-Stop Flights
- Connecting Flights
Where do YKF Passengers Come From

- The Airport’s primary catchment area (within 35km of the Airport) represents a market of slightly over 2 million passengers annually:
  - 696,000 trips to Domestic destinations;
  - 746,000 trips to the U.S.; and
  - 589,000 trips to International and Sun destinations
- YKF only captures 4% of traffic from catchment area
- 87% of passengers use Toronto Pearson
- Approximately 31% of passengers at YKF come from outside catchment area
Physical Infrastructure
Planning for the Future
Under the direction of Regional Council, the Airport has initiated the process to update the Master Plan & Business Plan with specific direction to:

- Attract new air service
- Build out the Airport Business Park
- Protect for Future Growth
- Increase community awareness about noise mitigation measures
- Develop the Airport in conjunction with adjacent East Side Employment Lands
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>CURRENT STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Maximize the existing capacity of the Airport</td>
<td><img src="image" alt="√" /></td>
</tr>
<tr>
<td></td>
<td>• WestJet adds 18% to Calgary Service = 16,780 additional seats (Feb 2015)</td>
<td><img src="image" alt="√" /></td>
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<tr>
<td>B</td>
<td>Attract additional passenger service to maximize the capacity of the existing Air Terminal Building</td>
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<td></td>
<td>• WestJet Announcement Seasonal Orlando Service (July 2015)</td>
<td><img src="image" alt="√" /></td>
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<tr>
<td></td>
<td>• Sunwing Seasonal Weekly Punta Cana Service (Dec 2016)</td>
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</tr>
<tr>
<td>C</td>
<td>Attract aviation-related businesses to the Airport’s Aviation Business Park Development</td>
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<td></td>
<td>• Chartright Air Group (Apr 2015)</td>
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<tr>
<td></td>
<td>• NAV CANADA Ground-breaking on New Control Tower (June 2015)</td>
<td><img src="image" alt="√" /></td>
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<tr>
<td>D</td>
<td>Co-ordinate resources and strategies required for air service development and business attraction with the Region’s broader economic development plans - including the East Side Lands</td>
<td><img src="image" alt="√" /></td>
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<td></td>
<td>• YKF Economic Impact Awareness Campaign &amp; Increased Public Consultation</td>
<td><img src="image" alt="√" /></td>
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<tr>
<td>E</td>
<td>Consider additional opportunities to increase awareness concerning aeronautical noise and its mitigation</td>
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<tr>
<td></td>
<td>• Update 2013 Economic Impact Study (April 2016)</td>
<td><img src="image" alt="√" /></td>
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<td></td>
<td>• Restructured Aeronautical Noise Advisory Committee (Dec 2014)</td>
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<td></td>
<td>• Website Content Updated to Better Inform the Community</td>
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<td>F</td>
<td>Prepare a 2015-2024 Airport Capital Plan to reflect the plan for maximizing the existing Airport infrastructure</td>
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<td></td>
<td>• Installation of New Signs in Subdivisions Located in Proximity</td>
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<td>G</td>
<td>Review of the Airport Master Plan, once approved, at regular intervals or upon the Airport achieving passenger and financial objectives</td>
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<tr>
<td></td>
<td>• Airport Capital Plan Completed (Feb 2015)</td>
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<tr>
<td>H</td>
<td>Evaluate further actions, such as Federal zoning protections or designation of reserve lands to ensure opportunities for future growth</td>
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Ask Us!

How does growth happen in the airport industry?

Why do we need to look ahead 20 years?

When might YKF outgrow its current infrastructure?

What might trigger growth at YKF?
Environmental & Noise Management
Airport Facts

- Aircraft always operate into the wind
- Region of Waterloo International Airport (YKF) is located in the busiest Canadian airspace: southwestern Ontario
- There are over 100,000 aircraft movements (take-offs or landings) annually
- In February 2016 Nolinor ceased operation from YKF
- There is no curfew in place for operations at YKF - we are open 24 hours a day
- With improved technology, aircraft today are 75% quieter than 50 years ago

Aircraft That Typically Fly From YKF

**Boeing 737 Scheduled** (136 Seats)
Daily WestJet flight to Calgary
Daily Service: 75,000 - 100,000 Annual Passengers

**Boeing 737 Charter** (189 Seats)
Weekly flights to Punta Cana, Dominican Republic
Seasonal Once a Week Service: 10,000 Annual Passengers

**Dash-8 Q400** (74 Seats)
Daily Service: 40,000 Annual Passengers

**Regional Jet** (50-75 Seats)
Daily flights to Chicago
Daily Service: 28,000 Annual Passengers
• Noise warning clauses and signage have been implemented for new subdivisions in Kitchener and Woolwich in proximity to the Airport

**Existing No Development Zone Plan**

• Since 2000, no new residential development has been approved in the “No Development Zone” as depicted above
Source: GRCA Web-GIS Viewer (grims.grandriver.ca). Map produced May 2016. N.T.S.

Legend:

- Parcels - Assessment (MPAC)
- Flood Plain (GRCA)
- Engineered
- Approximate
- Estimated
- Roads-Addressed (MNR)

Imagery Source: 2010 Ortho (ONT)

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The Future of Regional Airports
“Growth is coming. The time to plan for it is now.”

Howard Eng, CEO, Greater Toronto Airports Authority

- By 2043 southern Ontario will be home to 15.5 million people & regional air travel volume is expected to reach more than 90 million passengers annually.

- Air travel demand over the next two decades puts Toronto Pearson at roughly 65 million passengers annually by the mid 2030’s with no signs of slowing down.

- The creation of an integrated airport system is a possible solution.

- There is also a future need to connect air travel passengers to airports.

- What could this mean for YKF?...
We Need Your Input!
The Region of Waterloo International Airport will contribute to the economic prosperity and competitive advantage of the Region of Waterloo by connecting this innovative community to the world.

This will be achieved through managed growth, customer service excellence, passenger convenience and community responsiveness.