

Yakima Air Terminal/McAllister Field Master Plan

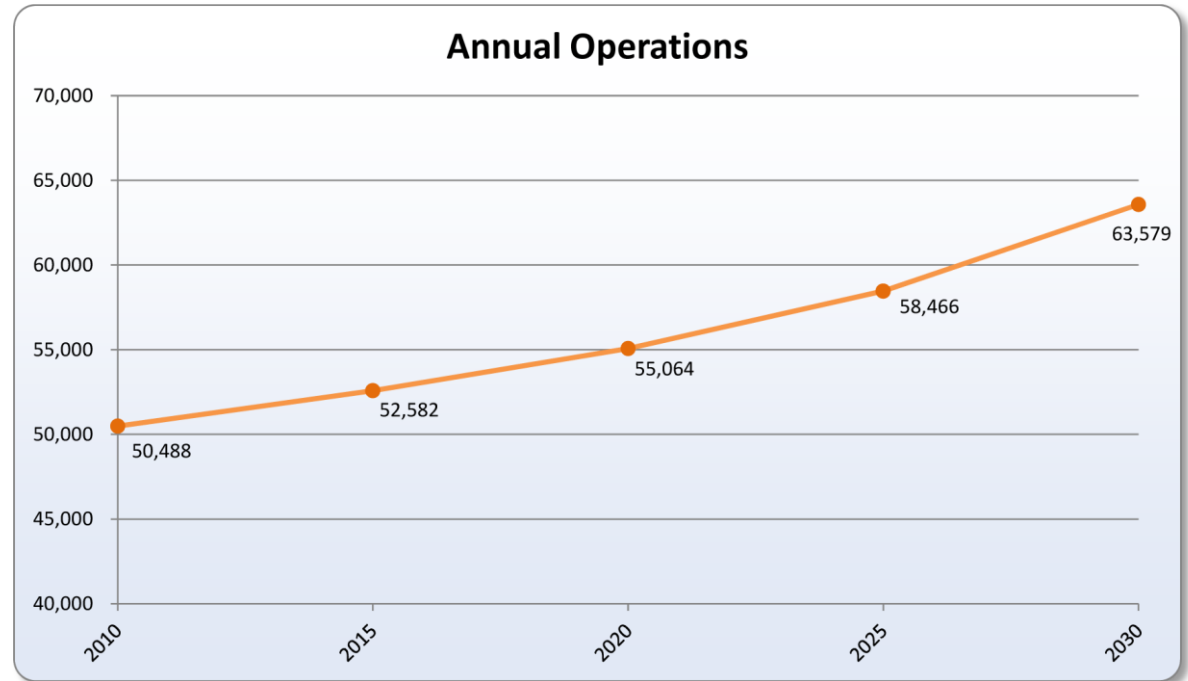
Public Meeting Number 2

June 20, 2012



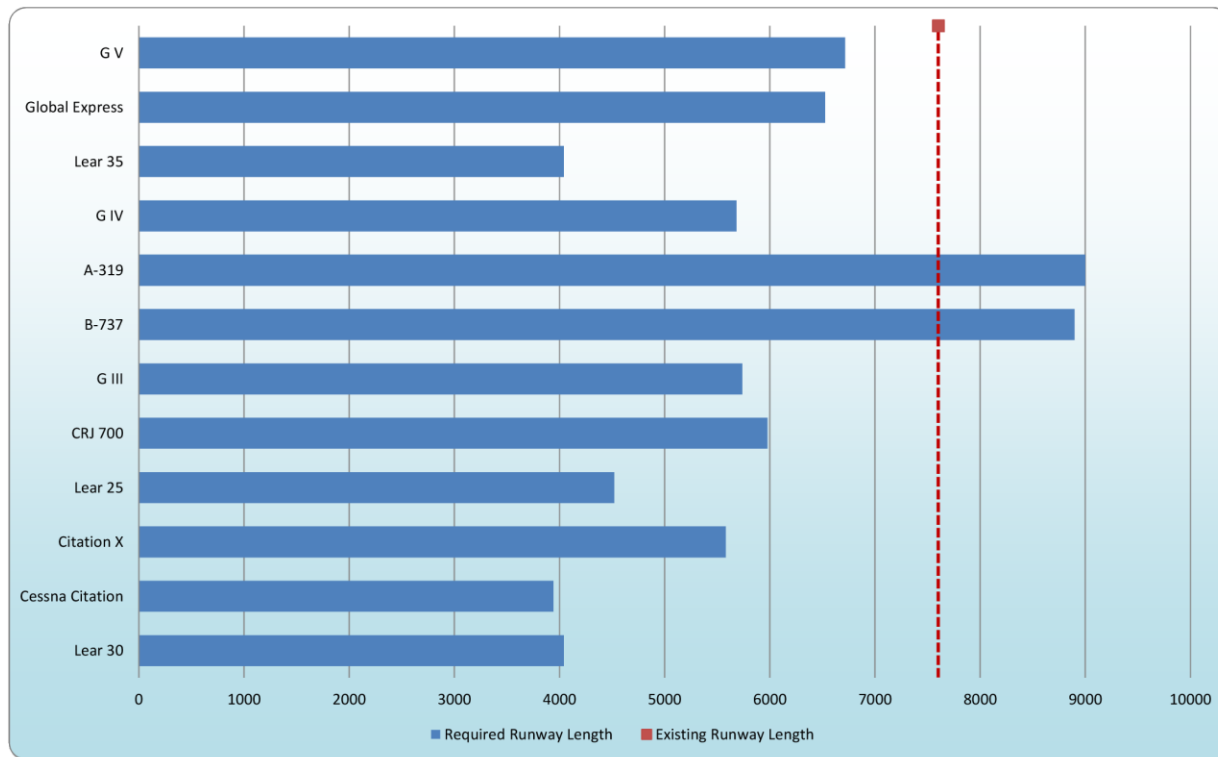
Airfield Demand

- Operations have been erratic since 2000.
- Moderate annual growth is expected through 2030.
- 2030 forecast is for 63,000 annual operations.



Airfield Requirements

At 7,604 feet, Runway 9/27 is sufficient for most aircraft expected to use the airport.



Airfield Requirements

- Wind analyses show more than 95% coverage is provided on Runway 9/27 at a 13 knot crosswind.
- Runway 9/27 provides sufficient capacity for forecast activity through the year 2030.
 - Runway Capacity: 230,000 annual operations.
 - Forecast Demand: 63,000 annual operations.
- Runway 4/22 is not eligible for FAA funding.



Airfield Issues

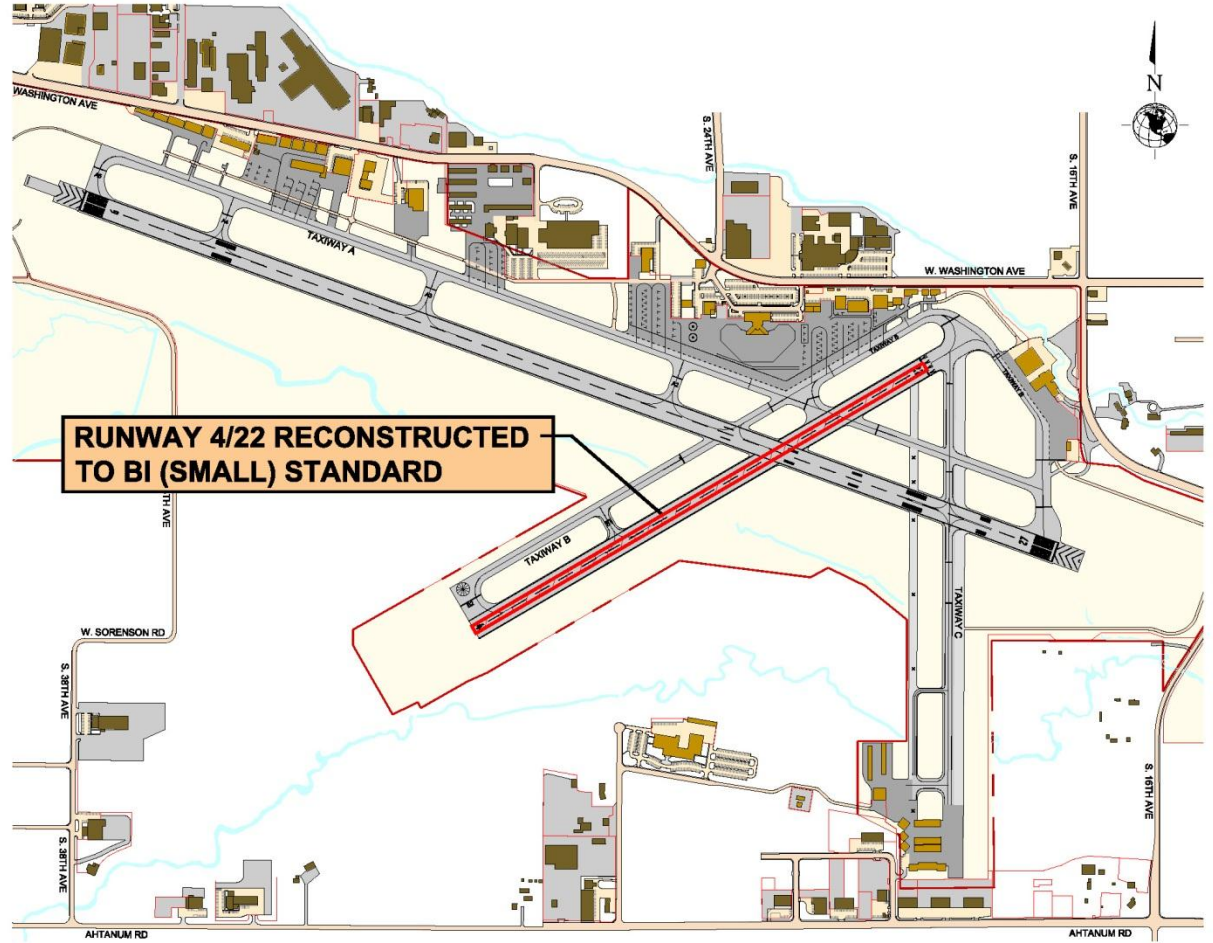
- Runway 9/27
 - Remove planned extension.
 - Maintain an extension for contingency purposes.
- Runway 4/22
 - Close the runway.
 - Continue operations at airport expense.
 - Reduce runway footprint and operate at airport expense.
- Turf Runway
 - Meet all FAA design and location standards.



Runway 4/22

Evaluation Factors

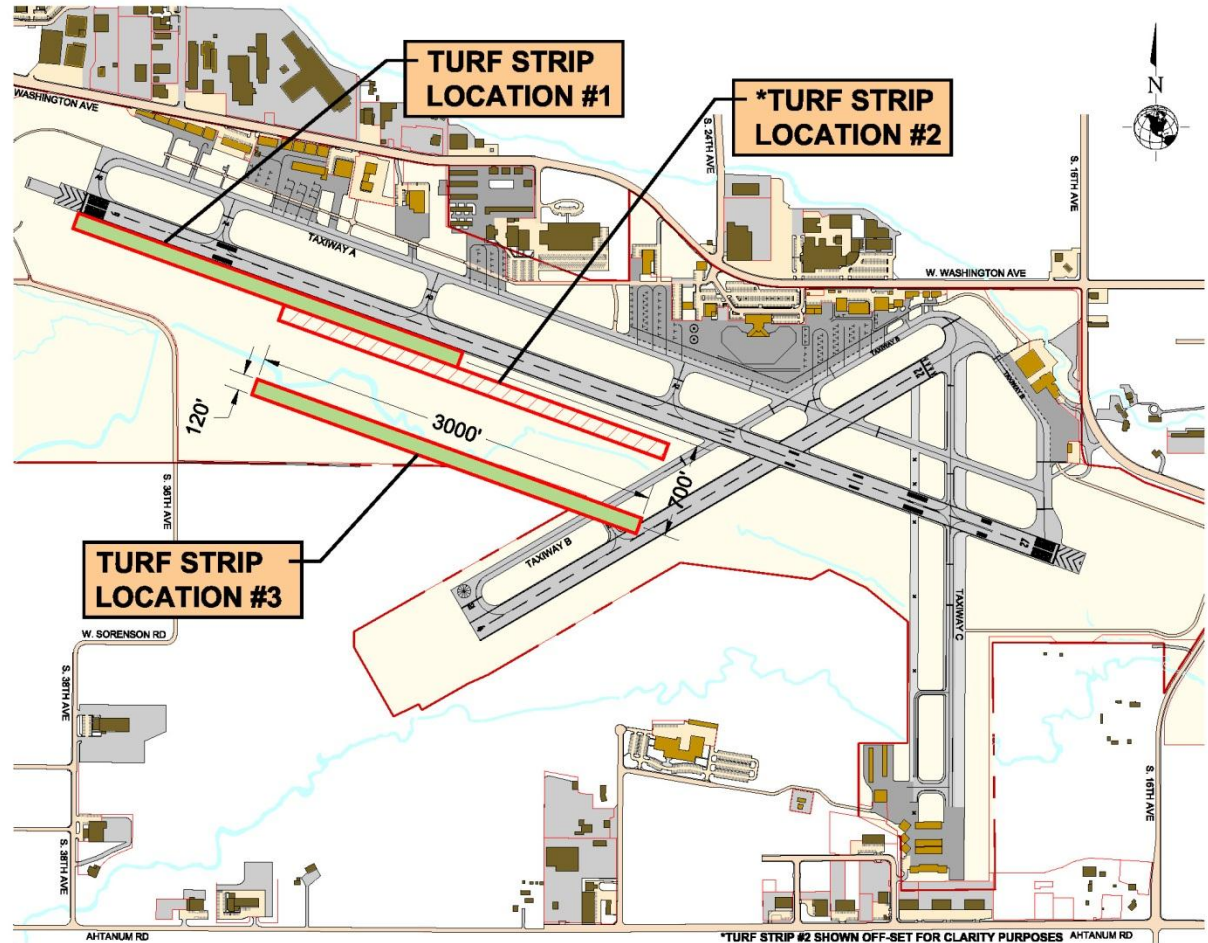
- Cost of reconstruction.
- Potential alternative funding sources.
- Determine annual usage.
- Is it feasible to maintain?



Turf Runway

Evaluation Factors

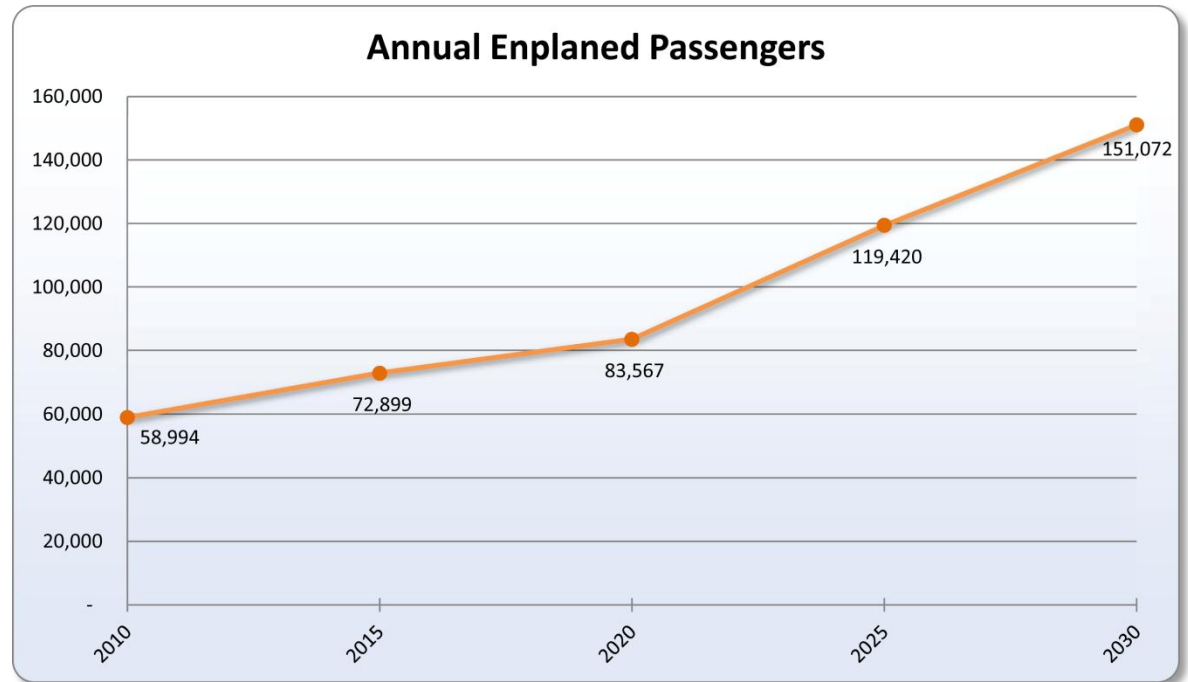
- Construction cost.
- Projected Use.
- Safety.
- ATCT considerations.
- Effect on air traffic.
- Environmental consequences.
- Maintenance issues.



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Terminal Demand

- Moderate annual growth in the short-term.
- More of the “potential market” will be claimed.
- By 2030 more than 150,000 passengers will enplane at YKM.

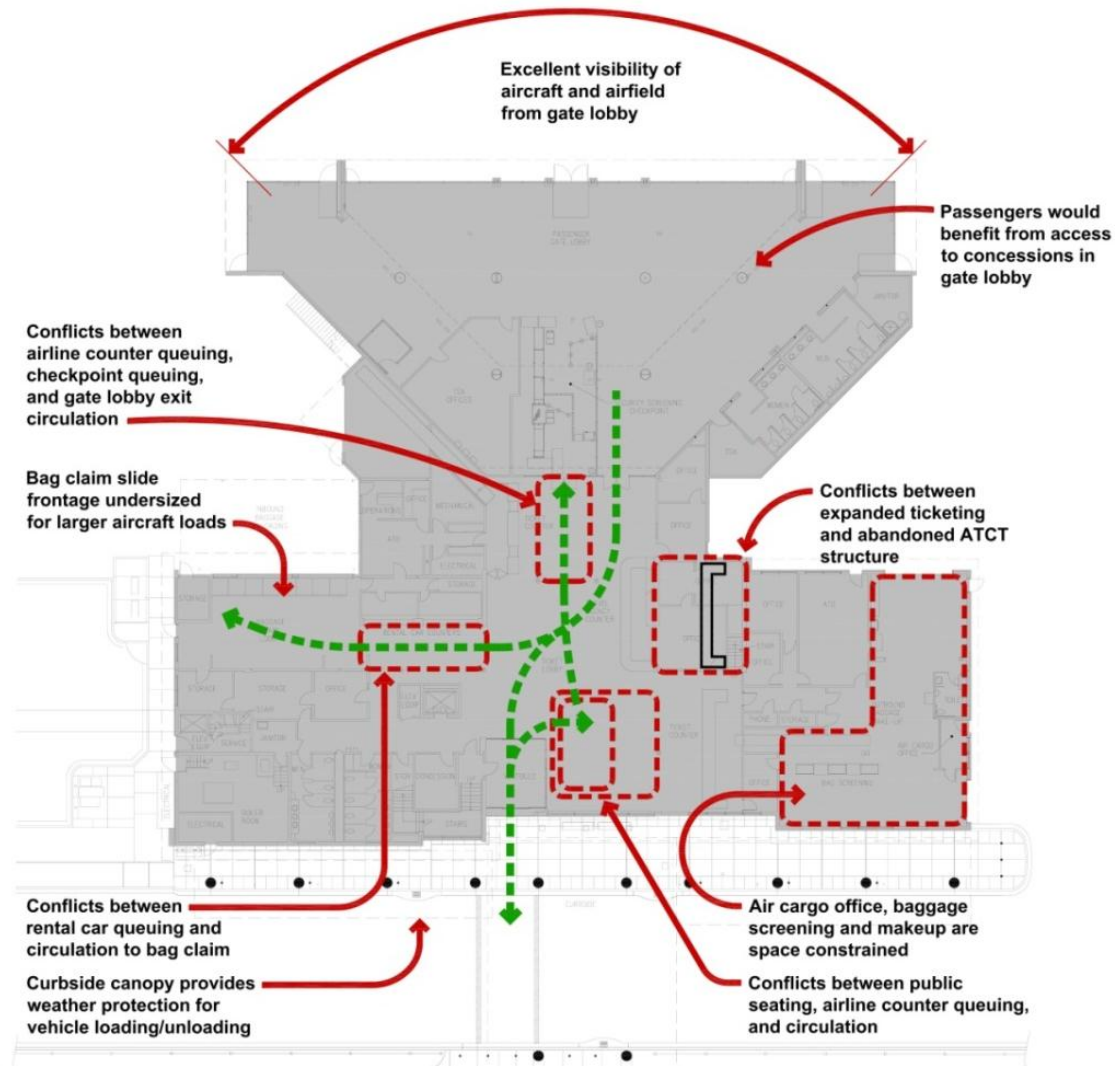


Terminal Area Requirements

- Address maintenance issues (HVAC equipment, roof leaks, etc.) (2012 – 2015).
- Address administrative office upgrades (2012 – 2015).
- Address passenger flow patterns (2012 – 2015).
- Address terminal building rehabilitation and expansion (2015 – 2020).



Terminal Facility Assessment

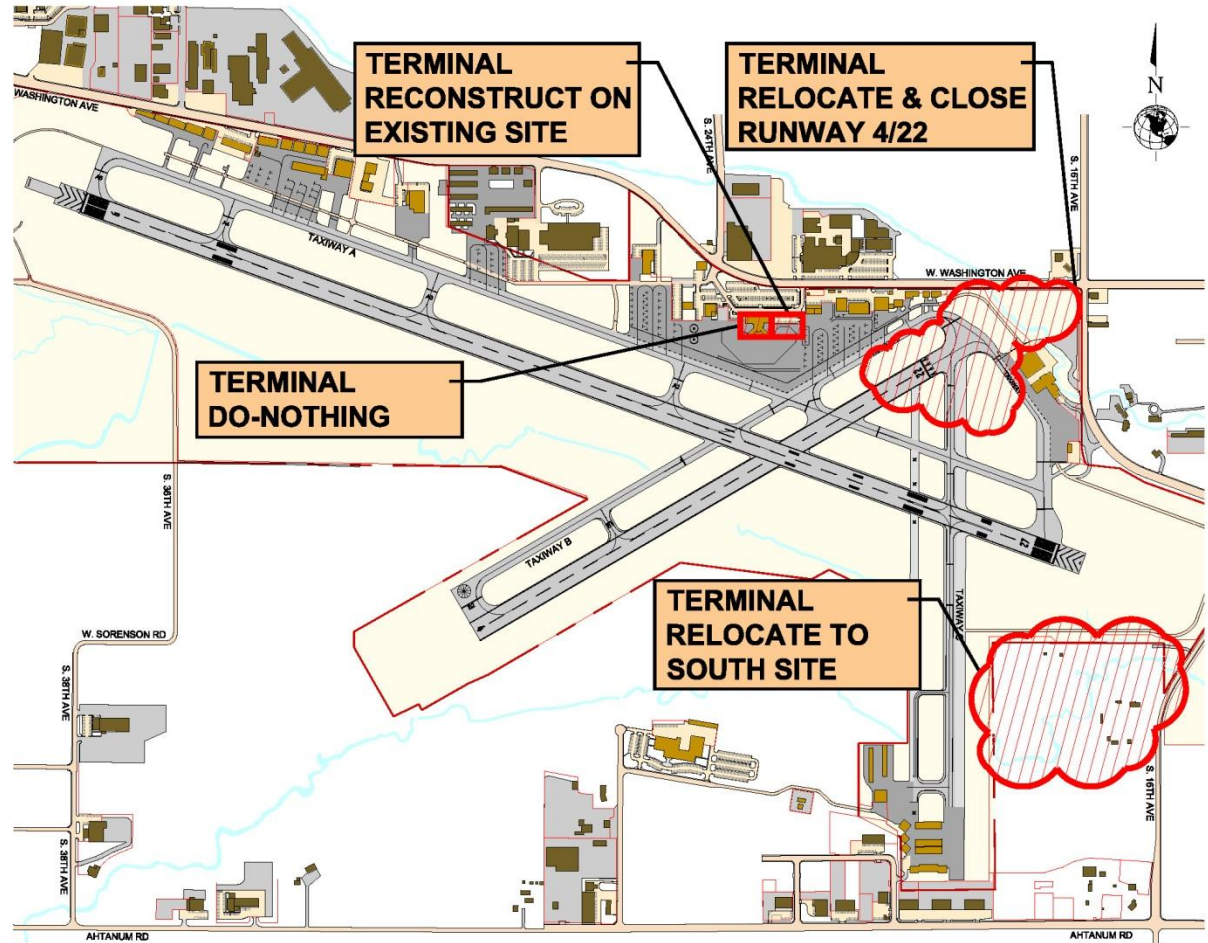


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Terminal Alternatives

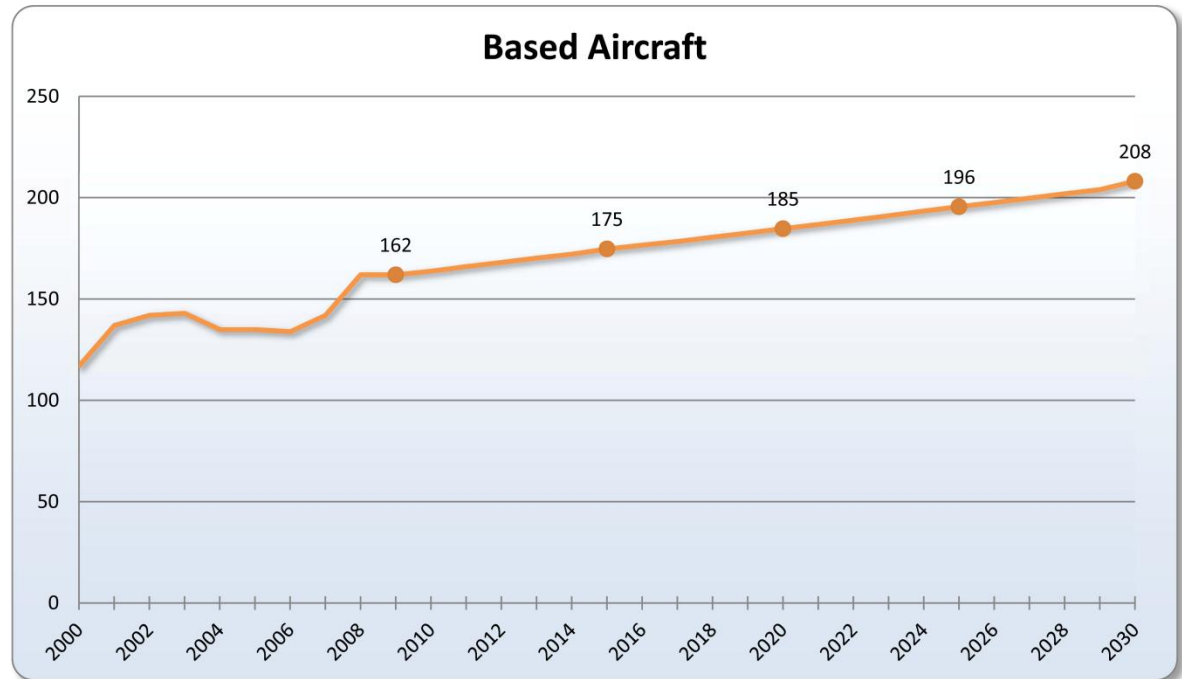
Evaluation Factors

- ATCT line-of-sight.
- Airspace.
- Expandability/flexibility.
- Community access.
- Airfield issues.
- Adjacent land uses.
- Design issues.
- Estimated cost.



General Aviation Demand

- Continued growth in based aircraft to more than 200.
- YKM may attract aircraft from the more crowded airports west of the Cascades.



General Aviation Issues

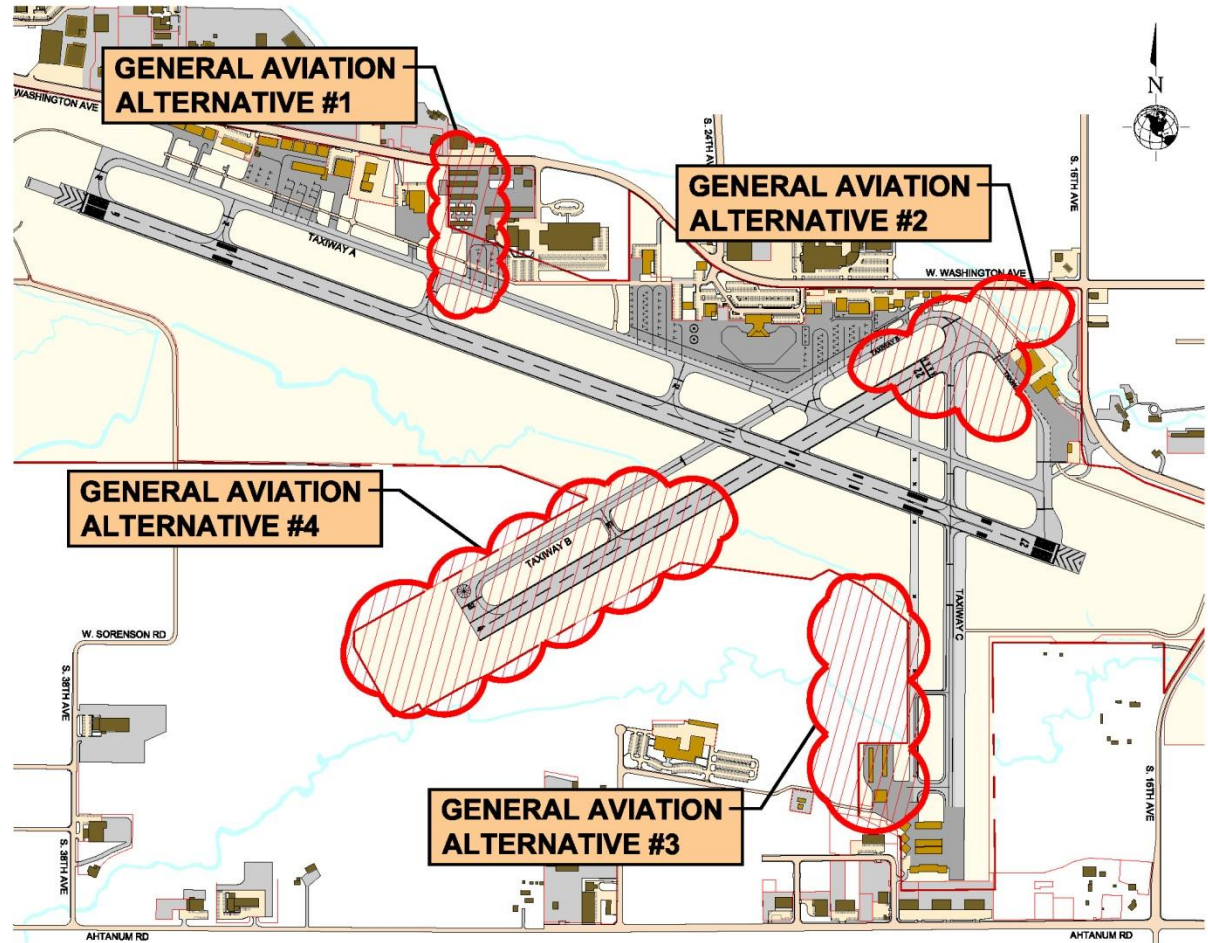
- Approximately 40 new T-hangars are needed before 2030.
- 13 new “corporate” or “group” hangars are also needed before 2030.
- Additional area for FBO expansion will be required as the airport grows.
- General aviation automobile parking areas – separate from the airfield area will be needed.



General Aviation Alternatives

Evaluation Factors

- Compatibility with adjacent land use.
- Meet all FAA criteria.
- Environmental issues.
- Estimated cost.



- Heavy maintenance and overhaul (M&O) facilities.
- Aircraft manufacturing.
- Aviation-related industrial.
- Aviation-related commercial.

