Seattle-Tacoma International Airport Ramp Tower Services Contract

Action Request

Port of Seattle

Seattle Ramp Tower Background

The Seattle Ramp Tower has been operated by the Port of Seattle under two successively bid multi-year terms with Robinson Aviation Inc. (RVA) for the past 11 years. This contract will end on December 31 of this year. In order to ensure continuous operation of this tower and the associated operational and safety benefits, the Port must initiate a new competitive procurement process to retain a Ramp Tower services operator.

- In operation since 2006
- Currently contracted services with Robinson Aviation Inc. (RVA)
- Cost Recovery via a "Per-Turn" fee

More than a Decade of Proven Results

Overview

Airport Collaborative Decision Making

Operational Improvements

BEFORE:

- Multiple Conflicts
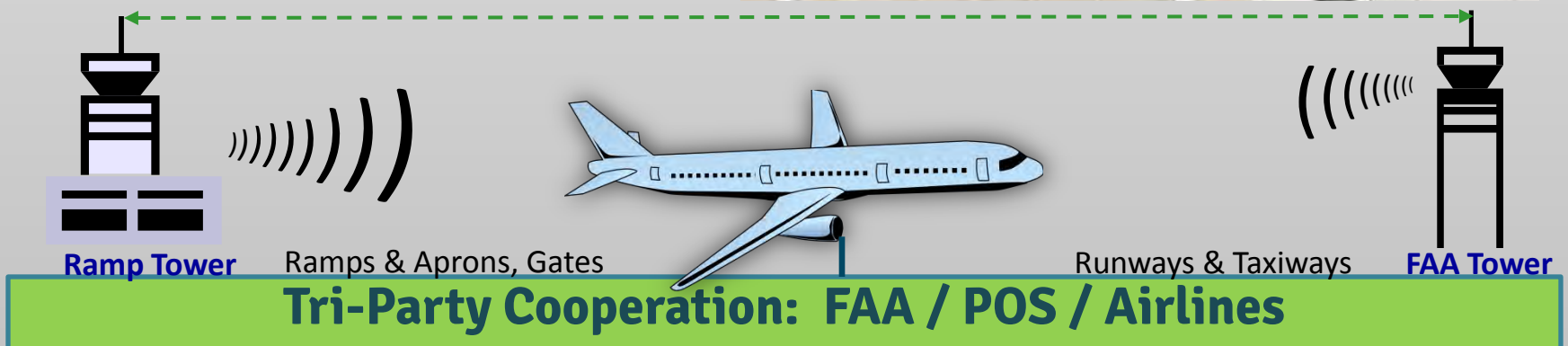- No Coordination
- Secondary Priority
- Delays

AFTER:

- Orderly Sequencing
- Equitable Traffic Management
- Efficient Operations
- Reduced Complexity

Anticipating the Needs of our Stakeholders

Objectives

- Safety
- Efficiency
- Equity
- Trust

Ramp Tower

Ramps & Aprons, Gates

Runways & Taxiways

FAA Tower

Tri-Party Cooperation: FAA / POS / Airlines

Safety

- Improved Communication
- Reduced Conflicts
- Simplified Coordination
- Expedited Decision Making
- Reduced confusion

FAA: Local and Ground Control   POS: Ramp Control

Efficiency

- Reduced fuel burn
- Reduced delays
- Shorter taxi times
- Fewer blockages

= 5 minute shorter taxi time

Calendar Year 2014	Direct Aircraft Operating Cost per Block Minute	Δ vs. 2013	2014 Delay Costs ($mil)
Fuel	$38.34	1.8%	$4,321
Crew – Pilots/Flight Attendants	18.95	7.8%	2,136
Maintenance	12.36	0.0%	1,393
Aircraft Ownership	8.52	-1.1%	960
Other	3.01	6.8%	339
Total Direct Operating Costs	**$81.18**	**2.7%**	**$9,149**

Source A4A – Blended minute block time

Annual Costs Recovered if only 1% (10 daily) Operations Benefit

2017
5 minutes (conservative estimate)
x $81.18/min $ 405.90
x 10 aircraft/day $ 4,059.00
x 365 days $1,481,535   Airline Cost Savings
                              vs
                    $1,455,000 Cost

Keep Airline Costs as Low as Possible