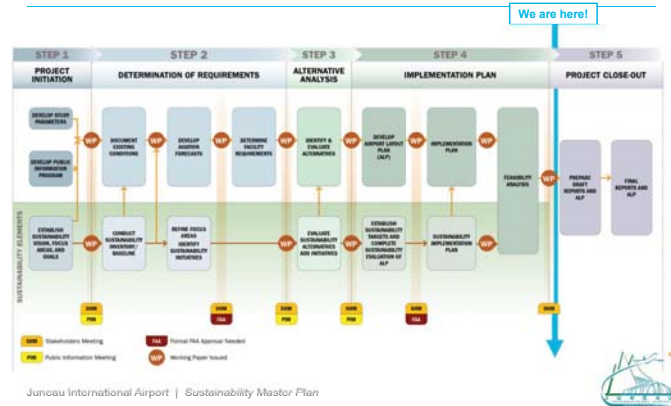


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The SMP Process



Coordination To Date

- Four Open Public Meetings
- Five Technical Advisory Committee (TAC) Meetings
- Seven Stakeholder Coordination Meetings
- Six Airport Board Presentations
- Four Committee of the Whole (COW) Presentations

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Agenda

- Enplaned Passenger Growth
- Impact On Master Plan Recommendations
- Economic Impact Study
- Financial Implementation Analysis

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Updated Information

- Part 121 Enplaned Passenger Levels grew quickly in both 2015 (9%) and 2016 (6%).
 - ❖ Delta created additional demand rather than split Alaska's passengers
 - ❖ Is this growth rate sustainable?
- 2016 passenger levels exceed forecast 2020 levels.
- On-Demand passengers dropped significantly in 2016. Commuter passengers held steady.

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Enplaned Passenger Update

Year	On-Demand	Commuters	Part 121	Total
2014	64,965	31,262	262,252	358,479
2015	71,095	29,895	285,422	386,412
2016	42,737	31,151	302,546	376,434
2020	75,162	33,132	287,289	395,583
2025	83,764	34,212	304,616	422,592
2030	93,374	35,467	323,231	452,072
2035	104,043	36,814	343,272	484,129

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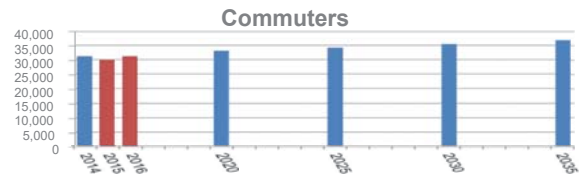


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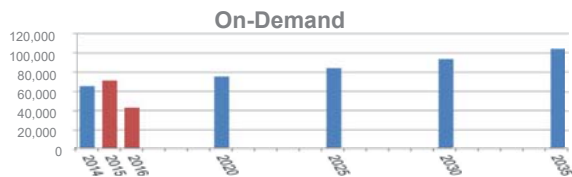
Commercial Airline Enplaned Passengers



Commuter Airline (Part 135) Enplaned Passengers



On Demand Carrier Enplaned Passengers



Forecast Passengers Impact on CIP

Maintenance	Regulatory	Expansion	Sustainability
Purchase new ARFF Vehicle		Expand terminal gate capacity	Geo-Loop - NW Area
Parking lot repairs	ARFF Building Modifications	Improve exit lanes	Replace airfield lighting with LED
Float Pond Improvement	RSA Improvements	Terminal Reconstruction - North Wing	Geo-Loop - NE Area
Sand and chemical storage building	Taxiway A Rehabilitation	Terminal Renovation - Knuckle	
Snow Removal Equipment	Taxiway C and D geometry	Terminal Expansion	
Terminal Apron Reconstruction	SRE Building (under construction)	Parking Garage	
Terminal Improvements	Terminal Security Cameras	Add air cargo position	
East end door repair (under construction)	ADA Improvements - Elevators	NE Area Infrastructure (GA Growth)	
Admin/badge office reconfiguration	EVAR Extension	Alex Holden Way hangar area (GA Growth)	
Main stair lighting	Wetland Access Vehicle	Add floatpond storage (GA Growth)	
Repairs to Alex Holden Way			

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Passenger Growth Impacts

- Impact of this is:
 - Majority of recommended improvements in the ACIP are safety or maintenance related (not tied to passenger demand)
 - Only the terminal design expansion projects and the construction of the parking garage are predicated on passenger demand levels
- Increased passengers result in increase in annual entitlements and other revenues.

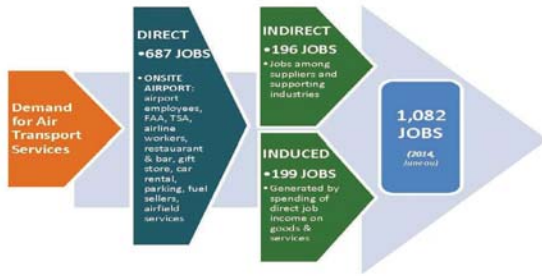


2014 Economic Impact Study

- The combined payroll, capital, and operations and maintenance spending at the airport created 1,082 jobs in Juneau.
- Total labor income for airport workers (private, CBJ, federal) was \$63.6 million.
- The operational and maintenance spending and purchases by the airport and airport related businesses totaled \$51.7 million. Capital spending that year was \$17.5 million.
- Demand for air transportation services and goods at JNU generated \$174 million in income and spending.



JNU Job Creation



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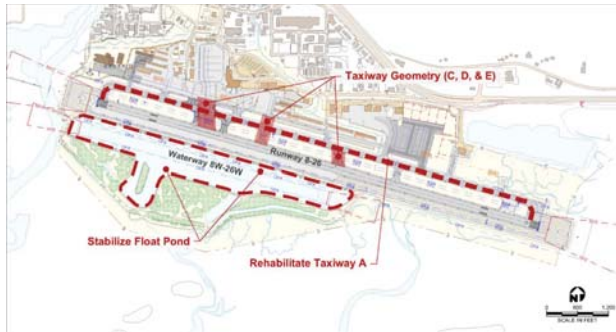
JNU Economic Contribution



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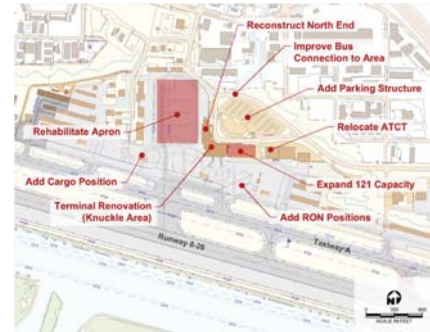
Airfield Recommendations



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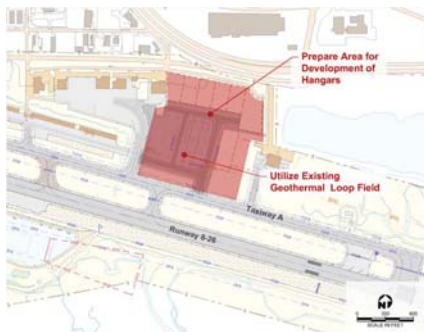
Terminal Area Recommendations



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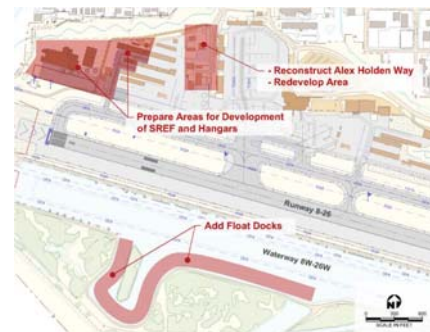
East GA Area



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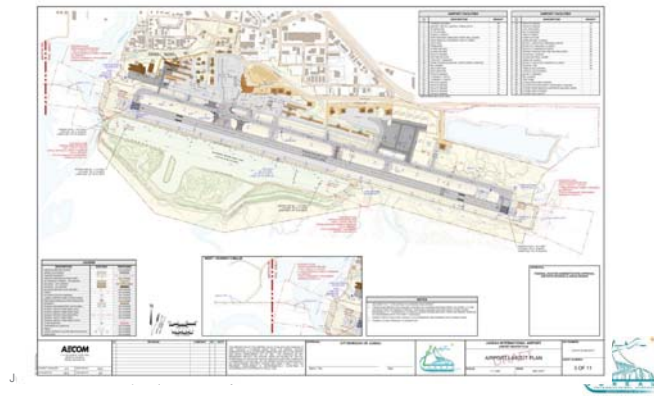
West GA Area



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Airport Layout Plan (ALP)



Financial Implementation Analysis Objectives

Evaluate JNU's capability to fund the Master Plan Capital Improvement Program (CIP) and finance operations during three phases of capital development

- Phase I (2017 to 2022)
- Phase II (2023 to 2027)
- Phase III (2028 to 2037)

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Financial Implementation Analysis Approach

- Review Airport documents related to historical financial operating results, capital improvement plans and Airport policies
- Interview Airport management personnel
- Review aviation demand forecasts
- Review cost estimates and CIP development schedule
- Determine sources and timing of available capital funds

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Financial Implementation Analysis Approach

- Analyze historical operating expenses and develop 20-year projections
- Analyze historic operating revenues and develop 20-year projections
- Prepare detailed financial projections for the planning period
- Develop a Financial Plan Summary

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Summary of Sources and Uses of Capital Funding

	Phase I	Phase II	Phase III	Totals
Sources of Capital Funding				
AIP Entitlement Grants	\$17,345,632	\$1,087,608	\$0	\$18,433,240
AIP Discretionary Grants	49,416,323	0	0	49,416,323
ADOT & PF Funding	0	0	0	0
Other Federal Funding	6,837,000	0	0	6,837,000
Passenger Facility Charges (PFCs)	8,553,693	36,254	0	8,589,947
CBJ Capital/Debt	12,845,200	0	0	12,845,200
Other Unidentified Funding	35,522,349	81,208,096	0	116,730,45
Cash Reserves/Net Ops Cash Flow	1,666,870	36,254	0	1,703,124
Total Sources of Capital Funding	\$132,187,068	\$82,368,212	\$0	\$214,555,280
Uses of Capital Funding				
Runway/Taxiway Improvements	\$6,568,000	\$0	\$0	\$6,568,000
Aircraft Apron Improvements	41,365,813	0	0	41,365,813
Terminal & Landside Improvements	48,756,186	23,202,313	0	71,958,500
GA Facility Improvements	4,080,000	0	0	4,080,000
SRE Facilities & Equipment	27,624,046	0	0	27,624,046
ARFF Facilities & Equipment	0	1,160,116	0	1,160,116
Other Improvements	3,793,023	58,005,783	0	61,798,806
Total Project Costs	\$132,187,068	\$82,368,212	\$0	\$214,555,280

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Statistical Results for Projected Financial Operations

	JNU Average	Small Hub Average
Operating Cost Per Enplaned Passenger		
2017 - 2022	\$17.36	\$21.31
2023 - 2027	\$18.21	\$25.06
2028 - 2037	\$19.62	\$31.36
Operating Revenues Per Enplaned Passenger		
2017 - 2022	\$16.82	\$30.97
2023 - 2027	\$17.79	\$36.42
2028 - 2037	\$19.17	\$45.59
Airline Cost Per Enplaned Passenger		
2017 - 2022	\$8.97	\$9.13
2023 - 2027	\$9.47	\$10.73
2028 - 2037	\$10.20	\$13.44

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Summary Application of Funding By Source to CIP Projects

Project Groups	AIP Grants		Other Federal Funding	PFCs	CBJ Capital/Debt	Other Unidentified Funding	Cash Reserves/Net Revenues	Total Cost/Funding
	Ent	Disc						
Runway/Taxiway Improvements	\$2,571,563	\$0	\$3,825,000	\$171,438	\$0	\$0	\$0	\$6,568,000
Aircraft Apron Improvements	6,089,443	32,691,006	0	1,776,329	0	0	809,035	41,365,813
Terminal & Landside Improvements								
	2,880,800	1,014,780	612,000	5,630,782	7,123,000	54,663,312	33,826	71,958,500
GA Facility Improvements	0	0	2,400,000	0	0	1,680,000	0	4,080,000
SRE Facilities & Equipment	5,803,826	14,729,155	0	684,433	5,722,200	0	684,433	27,624,046
ARFF Facilities & Equipment	1,087,608	0	0	36,254	0	0	36,254	1,160,116
Other Improvements	0	981,383	0	290,713	0	60,387,134	139,577	61,798,806
Total	\$18,433,240	\$49,416,323	\$6,837,000	\$8,589,947	\$12,845,200	\$116,730,445	\$1,703,124	\$214,555,280





Questions/Discussion

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