

07/11/13
Fairbanks
Community
Efforts to
Support the
Military

<TARGET><BILL></BILL><SUBJECT>07-11-13 Fairbanks Community
Efforts to Support the
Military</SUBJECT><COMM>JASC28</COMM></TARGET>



U.S. AIR FORCE

Welcome Joint Armed Services Committee



Eielson AFB AK

THIS BRIEFING IS UNCLASSIFIED

Integrity - Service - Excellence



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Overview



- **Strategy of a Pacific Power**
- **Where Eielson's Geography, Mission Capabilities Fit**
- **Rebalance Towards a Tough Neighborhood:**
 - **That Needs 5th Gen A/C to Access**
 - **That Needs Lots of Good Friends**
 - **And Friends That are Really Good**
 - **Where Airmen, Equipment, Weapons Must Show up Fast**
- **Questions**

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Strategy of a Pacific Power



“As we end today’s wars, I have directed my national security team to make our presence and missions in the Asia-Pacific a top priority.”

– President Barack Obama

“United States Strategy calls for rebalancing defense resources towards the Asia-Pacific region...essential to this strategy are our efforts to strengthen alliances and partnerships in the Asia-Pacific to advance a common security vision.” – Leon Panetta, Former SECDEF



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Gateway to Asia-Pacific



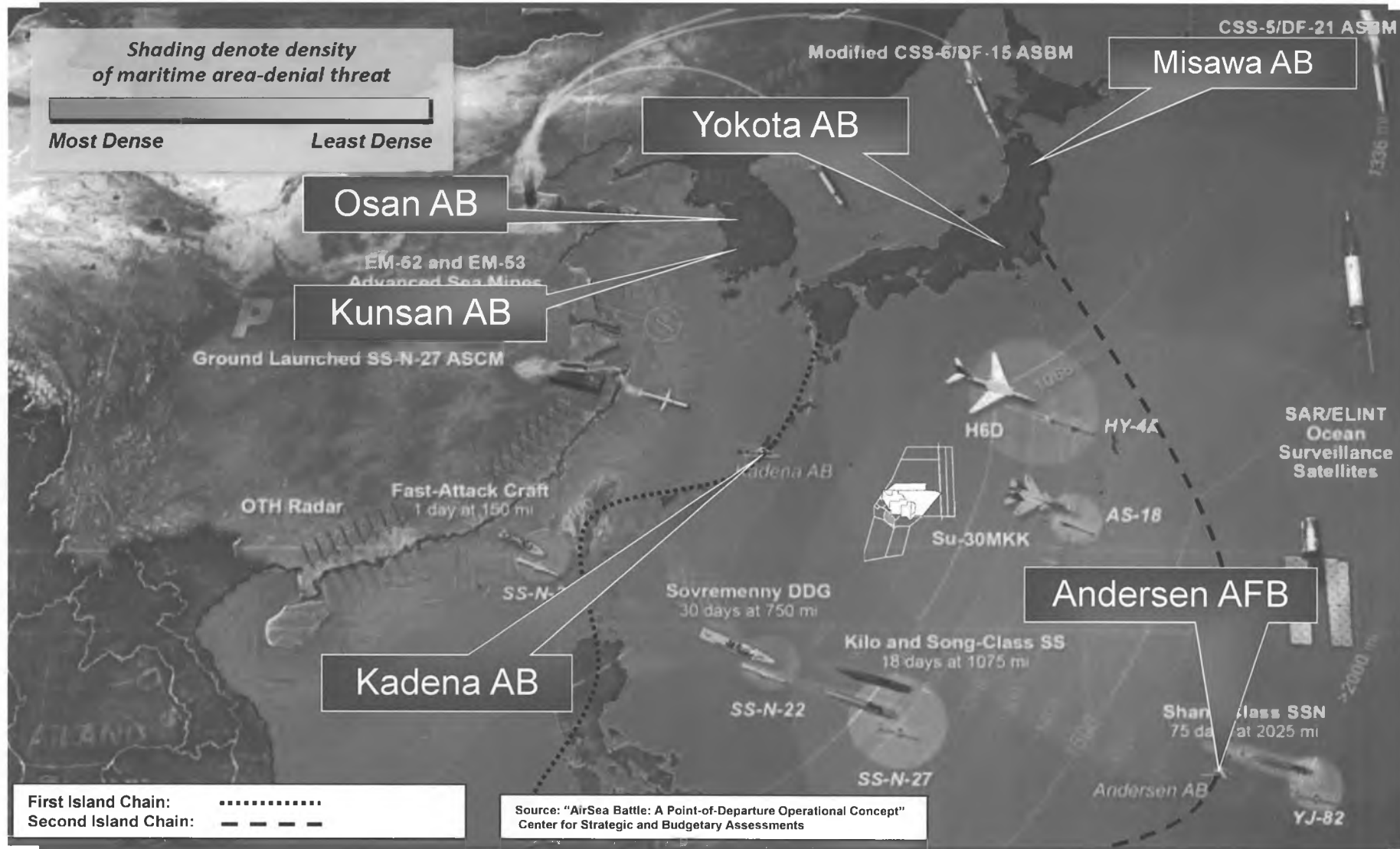
Where Our Geography, Mission, Capabilities Fit:

- **Wide expanses of contested water, real estate & airspace**
- **Regions that require 5th Gen Aircraft to Access**
- **A Region that Needs Unwavering Allies and Partners**
- **A&P who can team with us in Peacetime and Combat**
- **A geostrategic position and throughput capability to bridge the distance/resource demand**



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Asia-Pacific: A Tough Neighborhood



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5th Gen Required to Access



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➤ Restricted Access to the Region



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Unwavering Allies and Partners



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■ 3-5 Major Exercises a Year

- RED FLAG - ALASKA
- NORTHERN EDGE

■ CY-11

- 1,100 Intn'l participants
- 250 Aircraft
- 6,700 Flying hours



Australia



Belgium



Norway



Poland



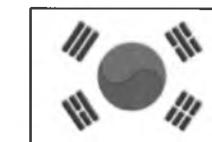
Canada



Germany



Singapore



South Korea



Italy



Japan



Mongolia



Netherlands



Thailand



United Kingdom

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Preparing Allies & Partners For Peacetime and Combat



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- 16 Nations: Australia, Belgium, Canada, France, Germany, Japan, Italy, S. Korea, Netherlands, Norway, Philippines, Singapore, Thailand Turkey, UK, Poland



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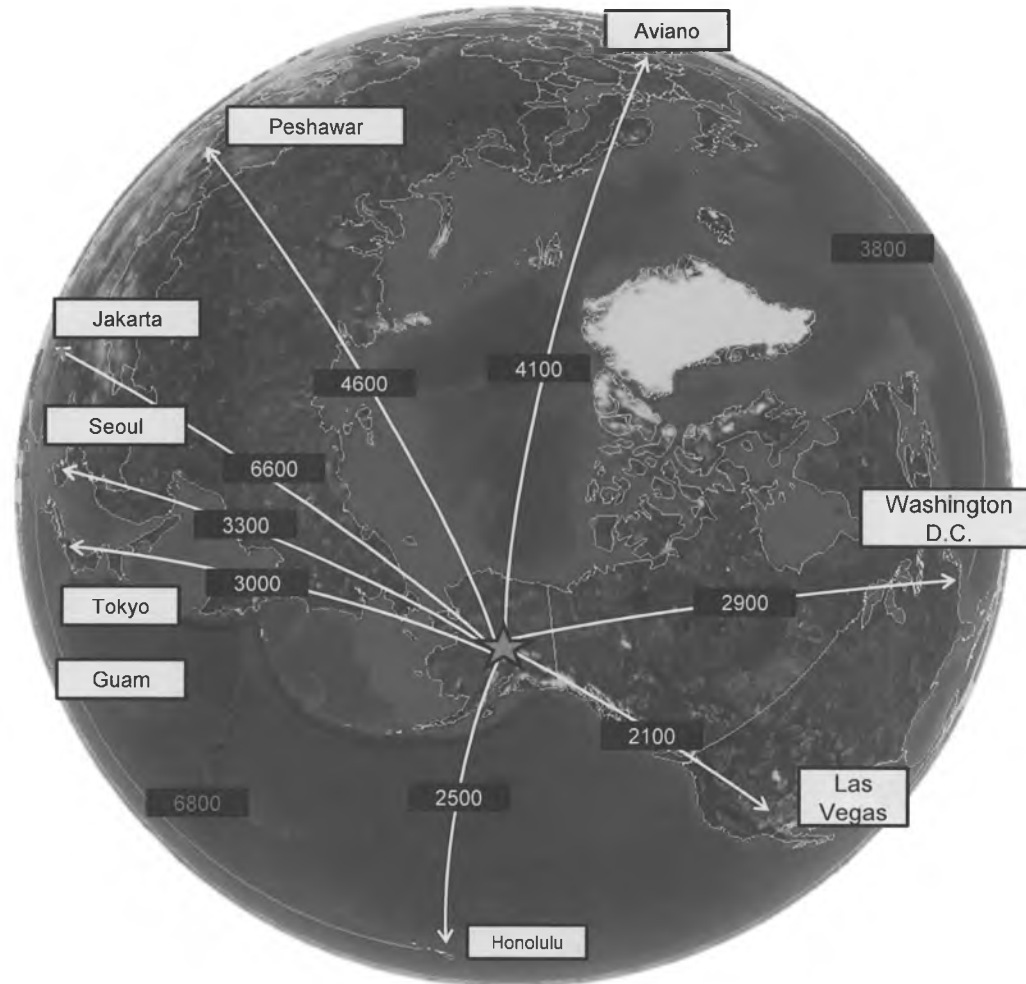


Position: Top of the World



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- “I believe that, in the future, whoever holds Alaska will hold the world...I think it is the most important strategic place in the world.”
- Brig Gen Billy Mitchell





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Capacity



24M Gallon
Fuel Storage Capacity



750+ Contingency Dorm
bed-spaces

130+ Fighter-Sized Aircraft

14,500ft Runway

40+ Heavy Aircraft



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Throughput: JMC



- A geostrategic position and throughput capability to bridge the distance/resource demand
- JMC throughput and Strat Ramp capability
- 2011 Activity
 - 10,677 Army personnel
 - 1,823 USAF personnel
 - 32 Army Helos
 - 1,500 Short tons
- 2012 Activity
 - 5,400 Army personnel
 - 1-25 SBCT redeployment





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Gateway to Asia-Pacific



- **Wide expanses of contested water, real estate & airspace**
- *JPARC size, availability, proximity*
- **Regions that require 5th Gen Aircraft to Access**
- *Most advanced anti-access Training IADS in the World*
- **A Region that Needs Unwavering Allies and Partners**
- *Ability to Integrate a wide variety of Partner Nations*
- **A&P who can team with us in peacetime and combat**
- *Professional Exercise Construct Able to build partner capability*
- **A geostrategic position and throughput capability to bridge the distance/resource demand**
- *Geostrategic Position, Ramp Space, JMC Throughput*



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Questions



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DoD Utilities in Alaska

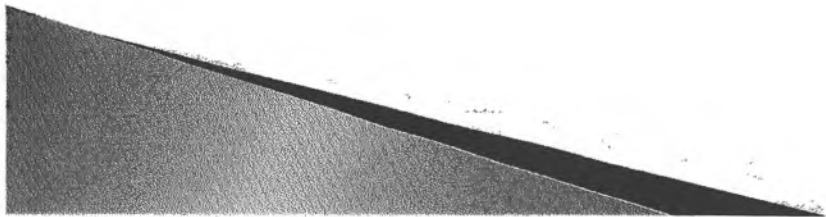


Fuel Costs

Installation	Onsite Energy Source	Energy Cost (\$/MMBTU)
Clear AFS	Coal	\$4.35
Fort Wainwright	Coal	\$4.88
Eielson AFB	Coal	\$4.95
Joint Base Elmendorf Richardson	Natural Gas	\$7.25
Fort Greely	Fuel Oil	\$28.70
Ground Missile Defense (GMD)	Fuel Oil	\$28.70

Energy Cost Comparison

- ▶ 1 Ton of coal provides 15,100,000 BTU
 - \$76.12 per ton
- 1 Gallon of Diesel provides 138,690 BTU
 - \$3.73 per gallon
- 1 Gallon of Propane provides 91,500 BTU
 - \$3.06 per gallon
- Natural gas 1,000,000 BTU
 - \$4.04 per million BTU
- 1 Kw of electricity provides 3,414 BTU
 - \$0.20 per Kwh



▶ 175,000 Tons consumed Annually

2,642,500,000,000 BTU's

- ▶ Coal: \$13,321,000.00
- ▶ Diesel: \$71,068,750.10
- ▶ Propane: \$88,372,131.15
- ▶ Electricity: \$154,803,749.27
- ▶ Natural Gas: \$10,675,700.00

Natural Gas is not available at this time. The cost estimate provided is the spot price. Natural gas prices have varied over the last 10 years;

December 1998, \$1.72

October 2005, \$13.42

May 2013, \$4.04.

