



# **Pacific Spaceport Complex – Alaska Future Lodging Requirements Industry Day**

Homewood Suites, Anchorage

Wednesday, June 21, 2017



# Focus of Industry Day

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***Alaska Aerospace Corporation (AAC) has secured multiple, multi-year commercial and government contracts for launches from the Pacific Spaceport Complex – Alaska (PSCA) that require a long term lodging solution for customers***



# Alaska Aerospace Corporation Overview

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- Alaska Aerospace Corporation (AAC) was created in 1991 as a public corporation of the State of Alaska
- AAC operates under a nine person board of directors, appointed by the Governor
- AAC operates the Pacific Spaceport Complex – Alaska Narrow Cape (PSCA), Kodiak, Alaska
- Kodiak Island was selected because of its access to the southern sky and to high Inclination orbits that do not overfly land and its low risk to public safety
- PSCA is a US Federal Aviation Administration (FAA) licensed commercial spaceport
- AAC employs approximately 40 personnel, with facilities in Anchorage and Kodiak, Alaska as well as an office in Huntsville, Alabama

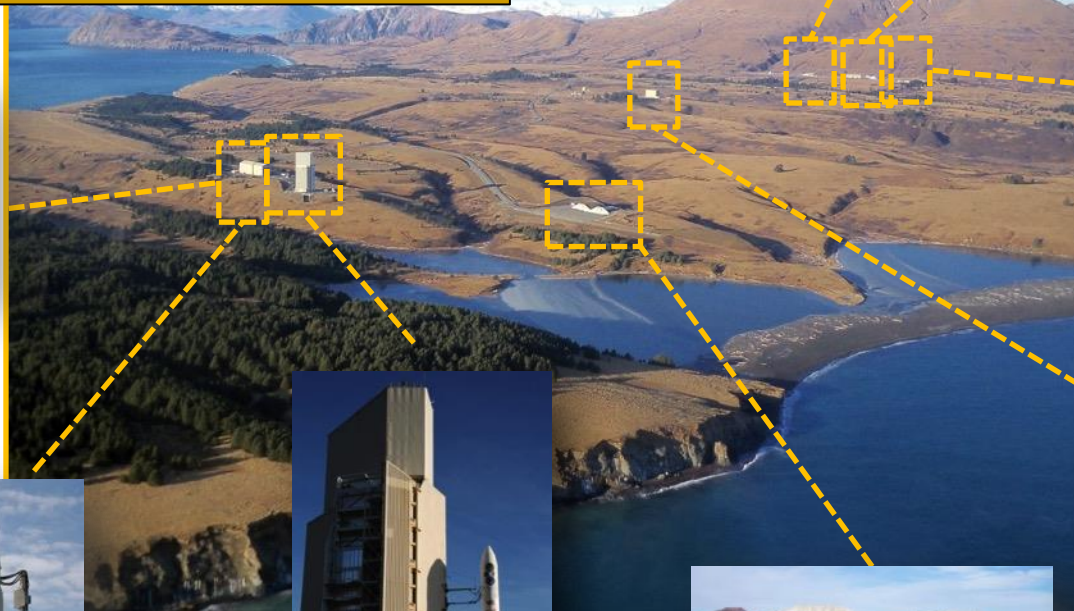


# Pacific Spaceport Complex – Alaska (PSCA) Facilities Overview

- About 40 miles south of Kodiak, Alaska
- On 3700 acres of state owned land
- Focused on providing responsive, efficient launch capability for polar, sun synch, and high inclination orbits



Integration &  
Processing Facility



Range Control  
Center



Maintenance Support  
Facility



Instrumentation Field  
& RSTS



Payload Processing  
Facility



Launch Pad 2



Launch Service Structure  
(Launch Pad 1)



Rocket Motor  
Storage Facility



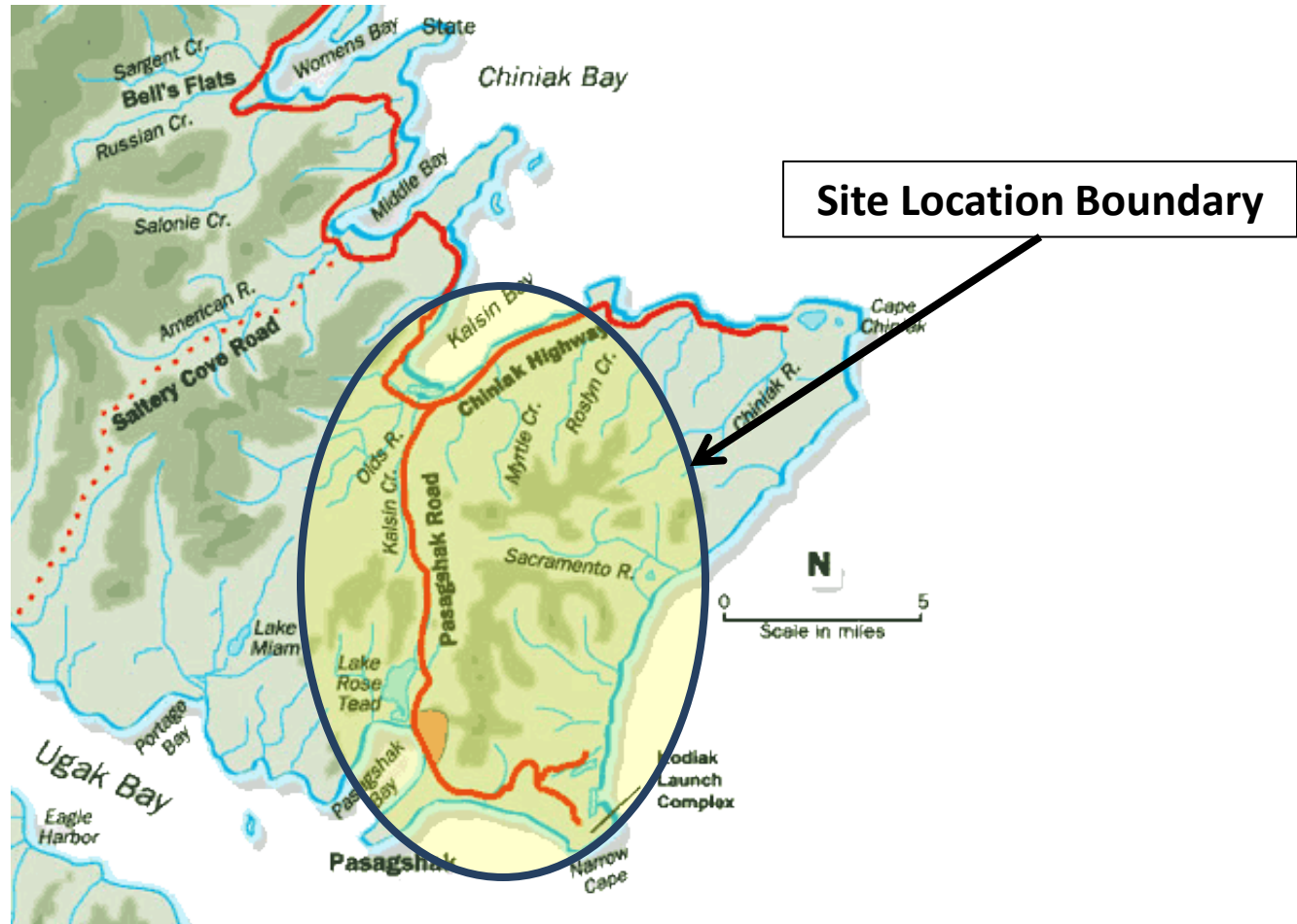
# Projected Launch Activities at PSCA

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*AAC has a multi-year, multi-launch contract with the Missile Defense Agency (MDA) through 2022*

- MDA – July 2017 – Contracted
- “New Space” Commercial Customer – December 2017 – Contracted
- MDA – Spring and Summer 2018 – In Contract Negotiations
- Vector Space Systems – In Contract Negotiations for 2018 and 2019
- MDA – Spring and Summer 2019 – Contract Discussions
- “New Space” Commercial Customer – Contract Discussions for 2018 and 2019
- Zero Point Frontiers – Potential for XBow launches in 2019
- Rocket Lab USA – Potential for Electron launches 2019 and beyond
- Vector Space Systems – Potential for Vector R launches 2020 and beyond
- “New Space Company – Potential for 2020 and beyond

# General Location Boundary





# Personnel Usage Assumptions

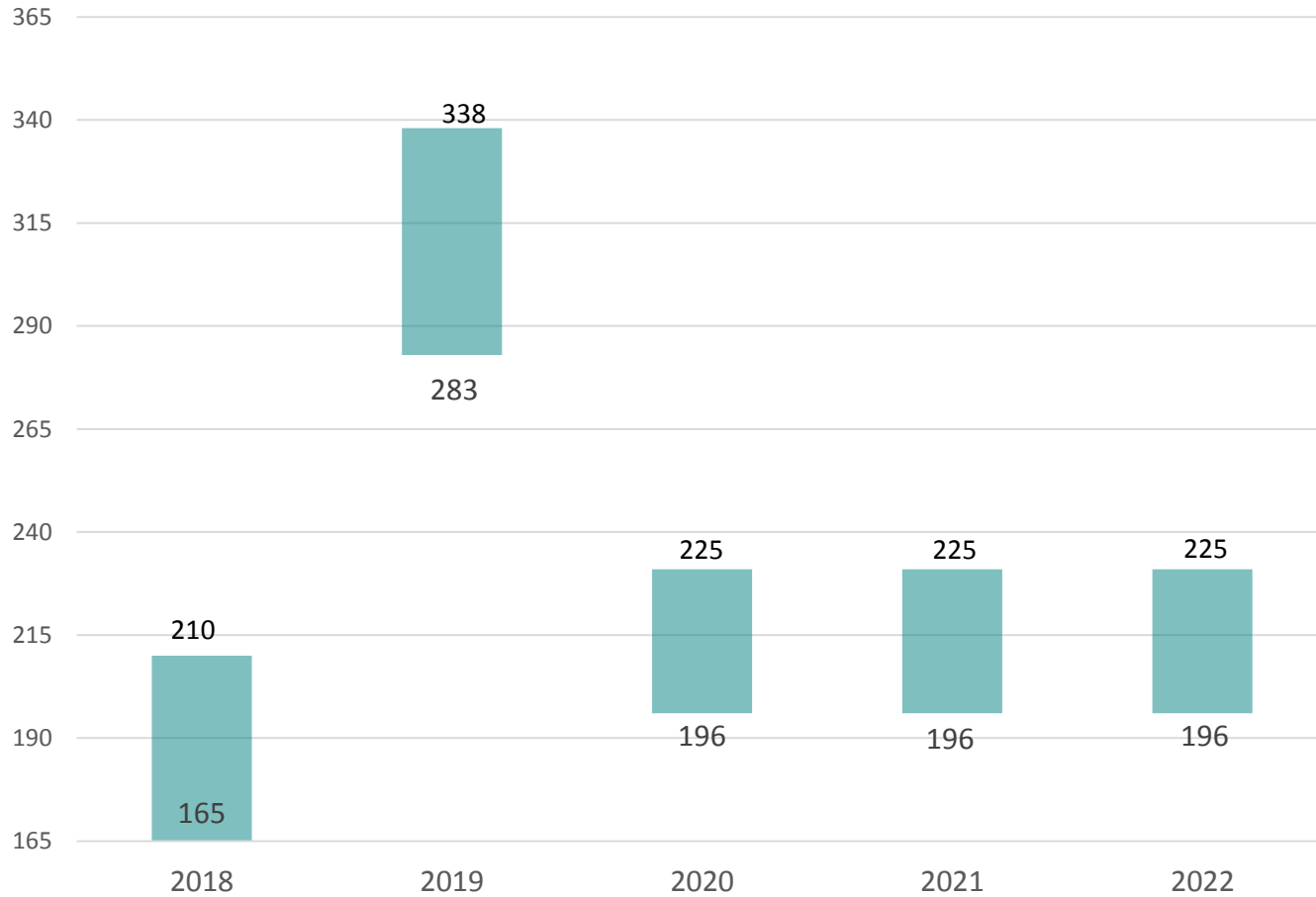
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- Government Customers Average 60 Days, per person/per mission
- Commercial Customers Average 20 Days, per person/per mission



# Estimated MDA Requirements

Kodiak Deployed Mission Personnel

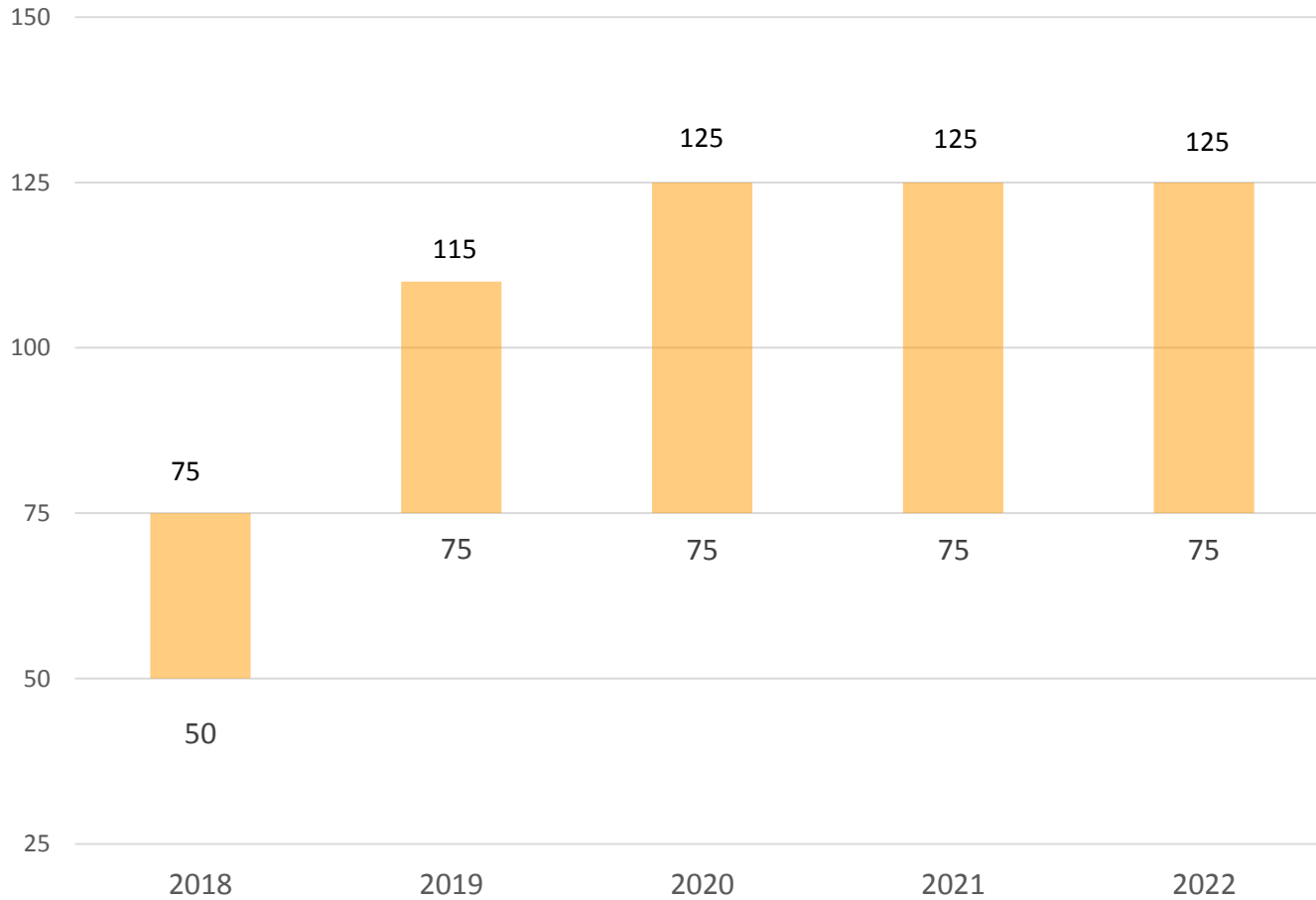






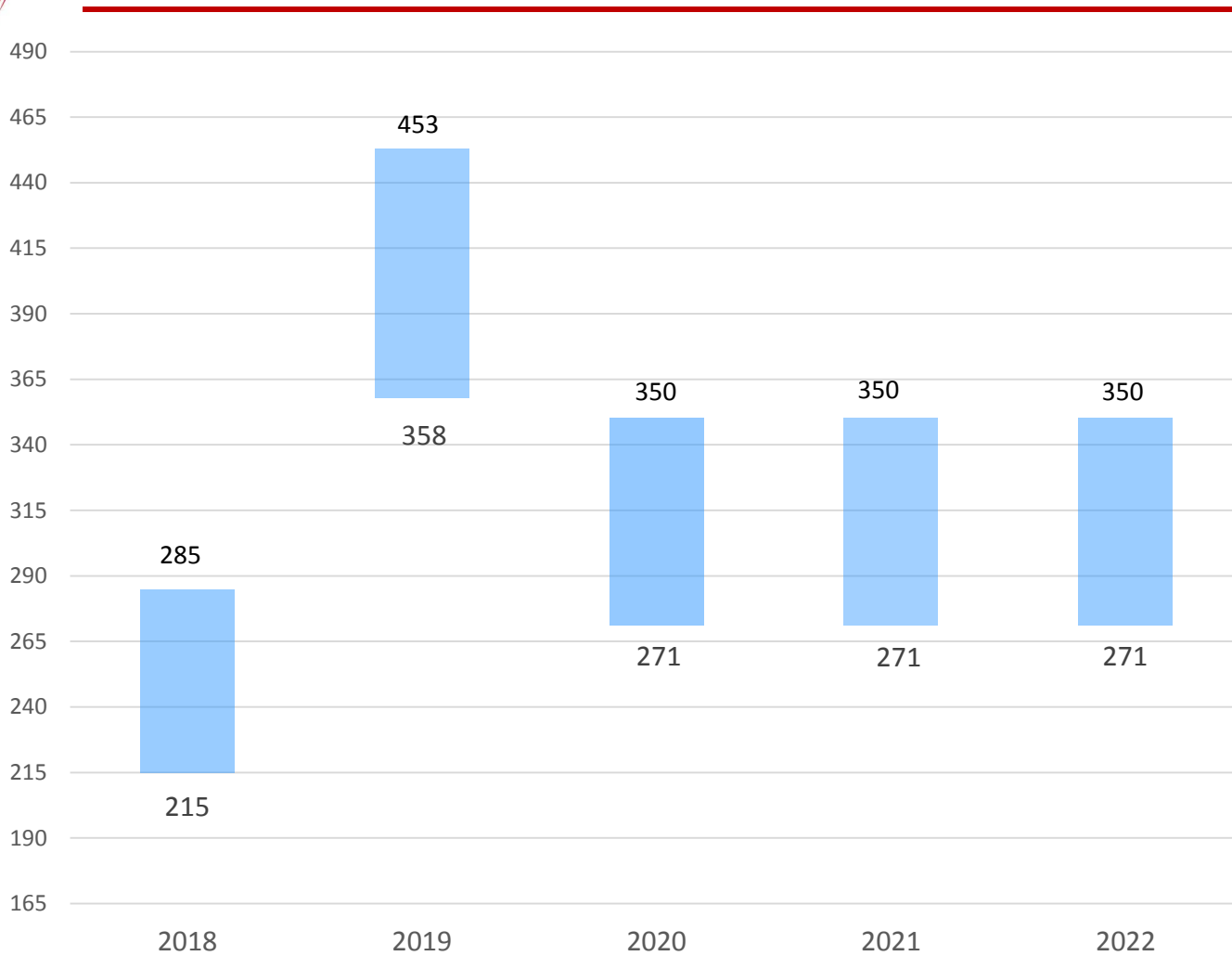
# Estimated Commercial Requirements

## Commercial Mission Personnel



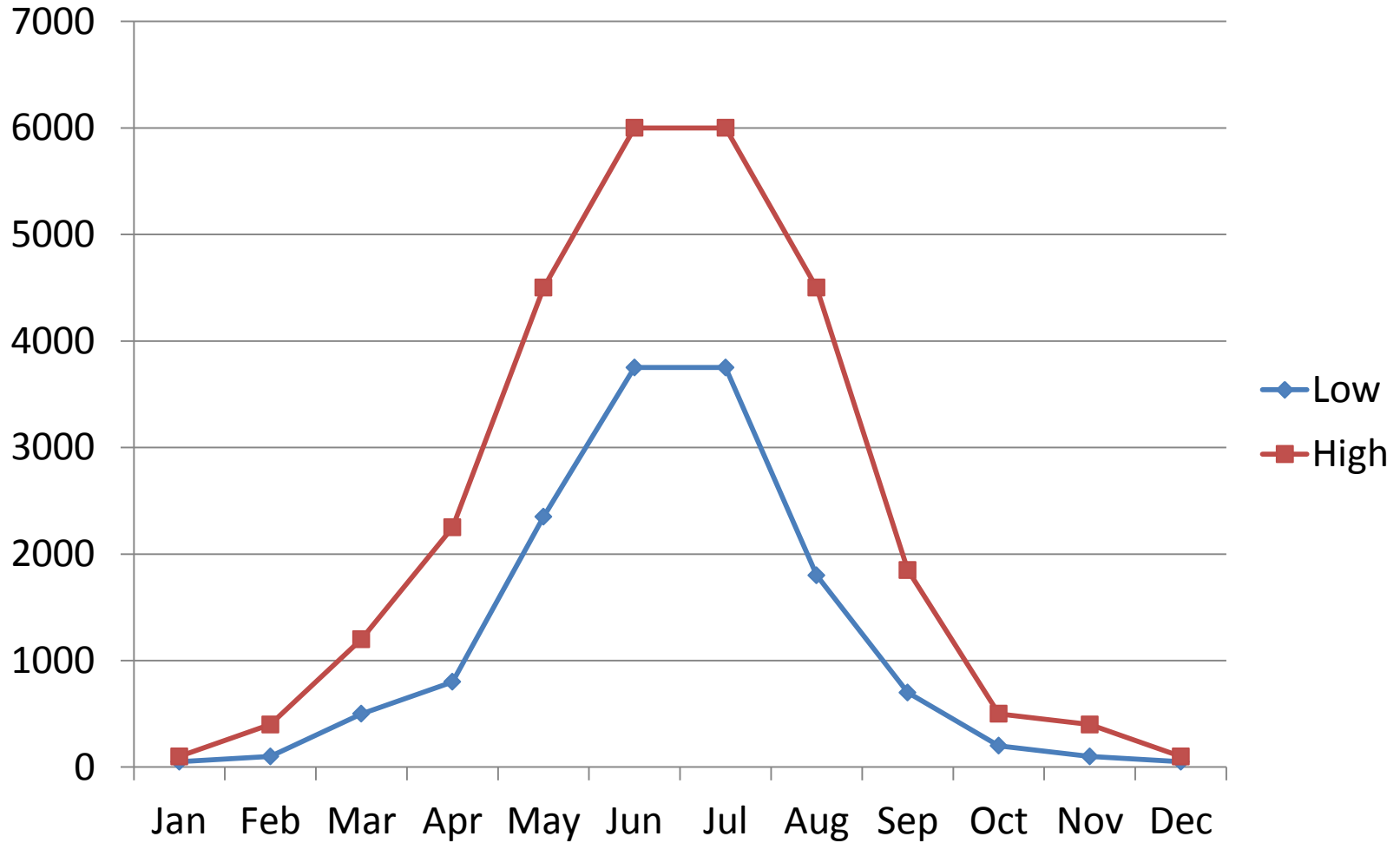


# Estimated Combined Requirements





# Estimated Monthly Room Night Usage





# Construction Financing Options

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- 100% - Private Funded
- 75%/25% - Private/Government
- 50%/50% - Private/Government
- 25%/75% - Private/Government



# Assumptions

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- Does Not Need To Operate Year-Round – Can Be Seasonal
- Government will pay Department of Defense Per Diem per person rate for Lodging and Meals, but will not pay Incidentals
- Government will have some people stay less than 30 days and others more than 30 days
- Consider Long Term Lodging Solution Requirements Documents as general guidelines, but not restrictive
- Facilities can be new construction or rehabilitated construction using lodging facilities from other locations, provided they generally meet the standards set forth in the Requirements Document
- Facility can be offered to the general public at same time as government and commercial customers use the facilities, however, AAC customers receive priority provided reservations are confirmed at least 90 days in advance of required occupancy
- Lodging facility must be compliant with Kodiak Island Borough zoning, land use, and building codes. All compliance and licenses for use as a commercial lodging facility and food preparation/serving are the responsibility of the bidder.



# Proposal Timeline

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- Industry Day June 21, 2017
- Issue RFI July 5, 2017
- RFI's Due to AAC July 26, 2017
- RFI Review and Clarifications August 2, 2017
- RFP Issued August 11, 2017
- RFP Due Date September 1, 2017
- Interviews September 11-13, 2017
- Selection and NTP September 29, 2017
- Initial Occupancy Date May 1, 2018



# Open Discussion