



INFRASTRUCTURE ANALYSIS TEAM

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RP-0116

IAT/JAN

13 April 2004

MEMORANDUM FOR THE INFRASTRUTTURE EVALUATION GROUP (IEG)

Subj: REPORT OF IEG DELIBERATIONS OF 8 APRIL 2004

- Encl: (1) DASN (IS&A) Action Memo of 8 April 2004
(2) IAT Military Value Analysis for Naval Air Brief of 8 April 2004
(3) Naval Aviation Operations Function Military Value Evaluation Questions
(4) Naval Aviation Military Value Matrices
(5) Naval Aviation Operations Function Military Value Scoring Statement - Selection Criteria Mapping
(6) Naval Aviation Military Value Attribute - Selection Criteria Weighting

1. The sixth deliberative session of the Department of the Navy (DON) Infrastructure Evaluation Group (IEG) convened at 0953 on 8 April 2004 in the Infrastructure Analysis Team (IAT) conference room located at Crystal Plaza 6, 9th floor. The following members of the IEG were present: Mr. H. T. Johnson, Chair; Ms. Anne R. Davis, Vice Chair; VADM Charles W. Moore, Jr., USN, Member; Mr. Thomas R. Crabtree, alternate for VADM Albert H. Konetzni, USN, Member; Ms. Carla Liberatore, alternate for LtGen Richard L. Kelly, USMC, Member; LtGen Michael A. Hough, USMC, Member; Dr. Russ Beland, Member; Dr. Michael F. McGrath, Member; Mr. Ronnie J. Booth, Navy Audit Service, Representative; and, Mr. Thomas N. Ledvina, Navy Office of General Counsel, Representative. The following members of the IAT were present: CAPT Chris T. Nichols, USN; CAPT Jason A. Leaver, USN; Col Joseph R. Kennedy, USMCR; CDR Carl W. Deputy, USN; CDR Philip A. Black, USN; LtCol Terri E. Erdag, USMC; LtCol Robert R. Mullins, USMCR; CDR Robert E. Vincent II, JAGC, USN; LCDR Steven J. Cincotta, USN; LCDR Daniel L. Frost, USN; LCDR Brian D. Miller, USNR; LCDR Timothy P. Cowan, CEC, USN; and, Capt James A. Noel, USMC.

2. The IEG confirmed the revised DON universe of activities, removing NSF Thurmont from the list of DON activities. See enclosure (1). The activity list will include 779 activities vice 780.

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3. The IAT provided a revised proposed list of activities as the Aviation Universe. MCAS 29 Palms was deleted and NAES Lakehurst was added to the list considered by the IEG at the 1 April 2004 deliberative session. The IEG approved the Naval Aviation Operations Function Universe. See enclosure (2).

4. The IEG approved the scoring statements and roll-up questions for the Naval Aviation Operations Infrastructure attribute and its components at the 1 April 2004 deliberative session. Except as noted below, the IEG approved the proposed scoring statements and roll-up questions including apportionment where necessary, for the remaining attributes (Operational Training, Airfield Characteristics, Environment and Encroachment, and Personnel Support/QOL) and their respective components for the Naval Aviation Operations Function. See enclosure (3).

a. Operational Training. The IEG deleted the IAT proposed scoring statement 16 (AIR-14), indicating that Instrument Flight Rules capability was not a necessary discriminator for the Outlying and Auxiliary Fields Component. The IEG approved scoring statement 33 (AIR-31) for the Simulator Facilities Component, but directed the IAT to present the reconstructed roll-up question to the IEG at the next deliberative session.

b. Airfield Characteristics. The IEG deleted the IAT proposed scoring statement 36 (AIR-34), indicating that distance to the coastline was not a significant discriminator for the Operational Location Component.

c. Environment and Encroachment. The IEG directed the IAT to review scoring statements and roll-up questions that have safety implications to consider whether changes are necessary to fully evaluate safety issues. The IAT will provide a list of scoring statements and their respective weights that have a safety component or basis so that the IEG can review how they are scored in a safety context.

d. Personnel Support/QOL. As directed at the 25 March 2004 deliberative session, the IAT presented reconstructed roll-up questions for scoring statements 66 - 68 (PS-4 - PS-6) in the Education and Employment Components of this attribute. The IEG-approved reconstructed roll-up questions will apply for Naval Surface/Subsurface, Ground, and Aviation Operations Functions.

5. After the IEG approved the scoring statements and roll-up questions for the Naval Aviation Operations Function remaining

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attributes and components, it placed the scoring statements in one of three bands (Band 1, 2, or 3 in descending order of importance). See enclosure (4). Except as noted below, the IEG approved the IAT recommended band placements for the Naval Aviation Operations Function scoring statements.

a. Operational Training. Noting that relative distance to acoustic ranges captures a primary capability, the IEG changed the IAT suggested scoring band from 3 to 2 for scoring statement 27 (AIR-25).

b. Airfield Characteristics. The IEG noted that while published field elevation is a discriminator, it is less important than other airfield characteristics that relate to ability to operate. Accordingly, the IEG changed the IAT suggested scoring band from 1 to 2 for scoring statement 35 (AIR-33).

6. After the IEG approved the band placements for the Naval Aviation Operations Function scoring statements, it gave a numerical score to each scoring statement. The numerical score for each scoring statement depended upon its band placement (i.e., Band 1: 6-10, Band 2: 3-7; and Band 3: 1-4). See enclosure (4).

7. The IAT prepared suggested assignment of the Naval Aviation Operations Function scoring statements, by attribute, to the four military value selection criteria. See enclosure (5). Insertion of a "1" indicated the scoring statement related to a particular military value selection criteria. Except as noted below, the IEG approved the IAT's recommendations.

a. Operational Infrastructure. The IEG determined that the number of hot refueling hydrants affect costs. Accordingly, the IEG assigned scoring statement 5 (AIR-5) to the Cost/Manpower Implications selection criteria.

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8. The IAT prepared proposed attribute weighting to the selection criteria for Naval Aviation Operations Function. See enclosure (6). Subject to future amendment, the IEG approved the recommended attribute weights as listed:

<u>Selection Criteria (SC)</u>	Readiness	Facilities	Surge Capability	Cost	TOTAL
<i>Weighting</i>	50	20	15	15	100
<u>Attribute</u>					
Operational Infrastructure	25	30	30	15	
Operational Training	35	25	20	30	
Base Characteristics	20	20	25	15	
Environment & Encroachment	10	20	15	10	
Personnel Support	10	5	10	30	
	100	100	100	100	

The IAT noted that the IEG has applied a weight of 10, 15, and 5 for the Personnel Support attribute weighting to the Readiness selection criteria for Aviation, Ground and Surface/Subsurface Functions respectively.

9. The next deliberative session will address the final matrices for all functions, a final review of the questions, and a review of the attribute weighting to the selection criteria. Additionally, the IEG plans to begin assessing activities within the purview of the Joint Cross Service Groups (JCSGs) that will not be evaluated by the JCSGs because they are DON unique. The deliberative session adjourned at 1200.



JAMES A. NOEL
 Captain, U.S. Marine Corps
 Recorder, IAT

TAB 1



DEPARTMENT OF THE NAVY
OFFICE OF THE ASSISTANT SECRETARY
(INSTALLATIONS AND ENVIRONMENT)
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

ACTION MEMO

FOR: INFRASTRUCTURE EVALUATION GROUP

FROM: Ms. Anne Rathmell Davis, Deputy Assistant Secretary of the Navy
(Infrastructure Strategy and Analysis)

Anne R. Davis 4/8/2004

SUBJECT: NAVAL SUPPORT FACILITY, THURMONT

- Naval Support Facility (NSF), Thurmont (a.k.a. Camp David) serves the President, providing the First Family and their guests with a healthy, safe and uniquely private place to work or relax. NSF Thurmont provides Presidential support, a full range of installation operations, guest services, and security with a Navy staff, an operationally assigned Marine Security force, and a White House Communications Agency tenant command.
- NSF Thurmont is one of seven operational units under the immediate control of the Director, White House Military Office. All Class I property belongs to the National Park Service. The Department of the Navy owns the Class II property. (The other six operational units are White House Communications Agency, Presidential Airlift Group, White House Medical Unit, Marine Helicopter Squadron One, Presidential Food Service and the White House Transportation Agency.)
- No data for NSF Thurmont has been collected to date. Information exchanged as part of the BRAC data collection effort includes a significant quantity of potentially sensitive or classified information. On behalf of senior Administration leadership, the White House Military Office has requested that data relating to NSF Thurmont be excluded from BRAC data calls. Even limited data release places at risk the security and privacy of the President and First Family.
- NSF Thurmont as an activity and an installation exists solely to support the needs established by the White House Military Office and has no other connection to DoD requirements. As such, no relationship can be made with the BRAC selection criteria.

RECOMMENDATION: Terminate any effort to gather data or evaluate Naval Support Facility, Thurmont as an activity or installation.

COORDINATION: N/A

Prepared by: CAPT Matt Beebe; 703-602-6381

TAB 2



Department of the Navy

Infrastructure Analysis Team

Military Value Analysis For Naval Air

**to Infrastructure Evaluation Group (IEG)
08 April 2004**

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Infrastructure Analysis Team

Operations Agenda

- **Objectives of this session:**
 - **Review Air Universe from last week.**
 - **Review bands and assign scores beginning at Operational Training.**
 - Review Education and Employment questions in Personnel Support (QOL).
 - **Assign scoring statements to Selection Criteria.**
 - Possible review with other Ops functions' scores.
 - **Assign weights to attributes under each Selection Criterion.**
 - **Review calculated weighting results and compare with Subsurface/Surface and Ground results.**



Department of the Navy

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Proposed Aviation

Universe

- MCAS Beaufort
- MCAS Cherry Point*
- MCB Hawaii (Kaneohe Bay)*
- MCAS Camp Pendleton*
- MCAS Miramar*
- MCAF Quantico
- MCAS New River*
- MCAS Yuma
- NAF El Centro
- NAS Key West
- NAF Washington
- NAS Atlanta
- NAS Brunswick
- NAS Fallon
- NAS Jacksonville*
- NAS JRB Ft Worth
- NAS JRB New Orleans
- NAS JRB Willow Grove
- NAS Lemore*
- NAS Oceana*
- NAS Whidbey Island*
- NAS Corpus Christi
- NAS Kingsville
- NAS Meridian
- NAS Pensacola
- NAS Whiting Field
- Naval Base Coronado (North Island)*
- Naval Station Mayport*
- Naval Station Norfolk*
- Naval Base Ventura County (Pt Mugu) *
- NAWC (AD) Patuxent River
- NAWC (WD) China Lake
- NAES Lakehurst

* Denotes FRS located at field

Note: 29 Palms deleted, Lakehurst added

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Questions by Component

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Attribute Weights

Attribute	Selection Criteria (SC)						TOTAL
	Readiness	Facilities	Surge Capabilities	Cost	Weighting		
	50	20	15	15	0.00	0.00	100
Operational Infrastructure	Runways & Arresting Gear, Hangars/Ramps, Nav aids/Lighting, Munitions Storage, Intermediate Maintenance, Unique or Specialized Capabilities/Missions						
Operational Training	Outlying/Auxiliary Fields, Special Use Airspace, Ranges, MTFs, Aircrew Training Facilities, Simulator Facilities						
Airfield Characteristics	Operational Location, Airfield Restrictions, Weather, Anti-Terrorism/Force Protection, Locality Cost						
Environment & Encroachment	External Encroachments, Air Control Flexibility, APZ VII & Clear Zones, Noise Flexibility, AICUZ, Waste Disposal, Potable Water						
Personnel Support (QOL)	Medical, Housing, Education, Employment, Fleet & Family Services, MWR, Follow-on Tour Opportunities, Metropolitan Area Characteristics						
		0.00	0	0.00	0	0.00	0.00

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TAB 3

Aviation Military Value Evaluation Questions

Attribute: Operational Infrastructure

Component: *Runways and Arresting Gear*

Air 1. Length of longest runway greater than 150 feet wide.

Air 1. What is the length of your longest runway at least 150 feet wide?

Source: Capacity Data Call question DoD 9, CDC 1.6.2.a

The minimum length of runway considered adequate for Navy operations is 3,000 feet for helicopters; for fixed wing aircraft, the standard is 8000 feet. Scoring will be 1 point for 8000 or greater, then a linear scale to 0 points at 3,000.

Air 2. Crosswind Runway.

Air 2. Do you have a crosswind runway?

Source: Capacity Data Call question DoD 9, CDC 1.6.2.a

Binary response. 1 point for yes, 0 for no.

Air 3. Number of runways with arresting gear.

Air 3. How many runways have arresting gear?

Source: Capacity Data Call question DoD 9, CDC 1.6.2.a

Two runways with arresting gear earn 1 point. One runway earns .5 point.

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Component: Hangars/Ramps

Air 4. Relative square feet of hangar space classified “adequate.”

Air 4. How many square feet of hangar space is classified as “adequate?”

Source: Capacity Data Call question DoD 19; CDC 1.6.5.b.

Based upon responses from activities, the most adequate hangar space gets 1 point, linear scaled to the least amount of adequate hangar space and 0.

Air 5. Number of hot refueling hydrants.

Air 5. How many hot refueling hydrants are at your airfield?

Source: Capacity Data Call question DoD 558; CDC 1.6.1.a.

Eight hydrants and above receive 1 point, linear scaled to 0.

Air 6. Relative surface area of useable ramp space.

Air 6. What is the total surface area of ramp space rated adequate or substandard?

Source: Capacity Data Call question DoD 8; CDC 1.6.3.a.

Based upon largest Adequate and Substandard (with .5 factor) square yards value received from field, scalable functions will be applied from 0 to 1 for minimum and maximum values.

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Component: Nav aids/Lighting

Air 7. Number of runways serviced by Optical Landing System (OLS).

Air 7. How many runways are serviced by the OLS/fresnel lense system?

Source: Military Value Data Call

Two or more receives 1 point. 1 receives .5 point.

Air 8. Number of runways serviced by Automatic Carrier Landing System (ALCS).

Air 8. How many runways are serviced by the Automatic Carrier Landing System?

Source: Military Value Data Call

Two or more receives 1 point. 1 receives .5 point.

Air 9. Number of runways serviced by Precision Approach Radar (PAR).

Air 9. How many runways are serviced by PAR?

Source: Military Value Data Call

Two or more receives 1 point. 1 receives .5 point.

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Component: Munitions Storage

Air 10: Relative surface area of available munitions storage facilities.

Air 10. What are the total square feet of available aviation munitions storage facilities?

Source: Capacity Data Call question DoD 20; CDC 1.2.4.1.e

Based upon responses, 1 point will be given to the largest value, then linear scaled to the minimum value.

Component: Intermediate Maintenance

Air 11. Relative Aviation Intermediate Maintenance.

Air 11. What are the total square feet of Aviation Intermediate Level Maintenance facilities on your installation?

Source: Capacity Data Call question DoD 483-485, 488-490 ; CDC 5.1.1.a, b, c, f, g, h

Answer will be summed by six Industrial JCSG questions asking for square feet of AIMD spaces, which were broken down by component/system. We are interested only in the total square feet. Linear scale scoring from max, 1 min, 0.

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Component: *Unique or Specialized Capabilities / Missions*

SEA-14. Relative value of unique capabilities or missions.

SEA-14. List and describe any unique capabilities or missions performed at your installation. Unique is defined as a capability or mission performed at no other location.

Capability/Mission	Description

Source: Military Value Data Call

Based upon responses received, IEG will evaluate and assign credit.

SEA-15. Relative value of specialized capabilities or missions.

SEA-15. List and describe any specialized (not unique) capabilities or missions performed at your installation. Examples of specialized capabilities or missions include but are not limited to: Homeland Defense, Strategic Deterrence Missions, Special Warfare, Mine Warfare, Landing Craft Capability, etc.

Capability/Mission	Description

Source: Military Value Data Call

Based upon responses received, IEG will evaluate and assign credit.

Attribute: Operational Training

Component: Outlying and Auxiliary Fields (OLFs)

Air 12. Existence of Outlying and Auxiliary Fields.

Air 12. How many OLFs do you own?

Source: Capacity Data Call question DoD 558; CDC 1.6.1.a

One or more field earns 1 point.

Air 13. Night capable OLF.

Air 13. Is at least one OLF night capable?

Source: Capacity Data Call question DoD 9; CDC 1.6.2.a

Binary response. 1 point for yes. 0 for no or N/A

Air 14. Relative average distance from home field.

Air 14. What is the average distance of your OLF(s) from home field?

Source: Capacity Data Call question DoD 558; CDC 1.6.1.a

Average less than 25 nm receives 1 point, then linear scaled to 0 at 75 nm.

Air 15. OLF runway length.

Air 15. What is the length of longest OLF runway greater than 150 feet wide?

Source: Capacity Data Call question DoD 9; CDC 1.6.2.a

Scoring is same as for home field runway length: 1 point for 8000 or greater, then a linear scale to 0 points at 3,000.

Air 16. OLF pattern restriction.

Air 16. Are any traffic patterns altered due to noise, ordinance or obstruction?

Source: Capacity Data Call question DoD 201; CDC 2.2.2.d

Binary response. 0 for yes, 1 for no.

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Air 17. OLF 24/7 capable.

Air 17. Are local laws or restrictions in place that would prohibit at least one of your OLFs from operating 24 hours a day, seven days a week?

Source: *Source: Capacity Data Call question DoD 201; CDC 2.2.2.d*

Binary response. 1 for no, 0 for yes.

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Component: Special Use Airspace

Air 18. Relative distance to Military Operating Area (MOA) or Warning Area.

Air 18. What is the distance to your closest or most preferred Military Operating Area (MOA) or Warning Area?

Source: Military Value Data Call

Based upon responses, 1 point is given to the shortest distance to the MOA or Warning Area, linear scaled to the farthest and 0.

Air 19. Relative distance to air-to-air range.

Air 19. What is the distance to your closest or most preferred air-to-air range?

Source: Military Value Data Call

Based upon responses, 1 point is given to the shortest distance, linear scaled to the farthest and 0.

Air 20. Relative size of air-to-air range.

Air 20. What is the size of the closest or most preferred air-to-air range in square nautical miles?

Source: Military Value Data Call

Based upon responses, 1 point is given to the largest range, linear scaled to the smallest and 0.

Air 21. Relative distance to supersonic operating area.

Air 21. What is the distance to your closest supersonic operating area?

Source: Military Value Data Call

Based upon responses, 1 point is given to the closest area, linear scaled to the farthest and 0.

Component: Ranges

Air 22. Relative distance to live fire air-to-ground range.

Air 22. What is the distance to the closest or most preferred live fire air-to-ground range?

Source: Military Value Data Call

Based upon responses, 1 point is given to the shortest distance, linear scaled to the farthest and 0.

Air 23. Relative size of live fire air-to-ground range.

Air 23. What is the size in square nautical miles of your closest or most preferred live fire air-to-ground range?

Source: Military Value Data Call

Based upon responses, 1 point is given to the largest range, linear scaled to the smallest and 0.

Air 24. Relative distance to nearest acoustic range.

Air 24. What is the distance to the nearest acoustic range?

Source: Military Value Data Call

Based upon responses, 1 point is given to the shortest distance, linear scaled to the farthest and 0.

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Component: Military Training Routes (MTR)

Air 25. Accessibility to Military Training Routes.

Air 25. How many low-level MTR entry or exit points are within 100nm of home field?

Source: Military Value Data Call

Linear scale scoring from 0 routes, 0 points, to a maximum of 4, 1 point.

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Component: Aircrew Training Facilities

Air 26. Distance to aviation physiology/swim facilities.

Air 26. What is the distance in miles to the nearest facility where aviation and swim quals can be performed for flight crew certification? If facilities are on your installation, answer 0.

Source: Military Value Data Call

Zero to 25 miles receives 1 point, then linear scaled to 50 miles and 0 points.

Air 27. Distance to pool adequate for year round SAR swimmer training.

Air 27. What is the distance in miles to the nearest facility where SAR swimmers can perform their required pool training? If pool is on your installation, answer 0. Facilities do not have to be DOD owned, but they must be accessible year round. If circumstances in your area require multiple locations, provide the average travel distance to the facilities.

Source: Military Value Data Call

Zero to 25 miles receives 1 point, then linear scaled to 50 miles and 0 points.

Air 28. Distance to Aviation Shipboard Firefighting school.

Air 28. What is the distance in miles to the nearest facility where shipboard aviation firefighting training can be provided for aviation personnel who deploy on aviation capable ships? If the training is conducted on your installation, answer 0.

Source: Military Value Data Call

Zero to 25 miles receives 1 point, then linear scaled to 50 miles and 0 points.

Air 29. Distance to small arms range.

Air 29. What is the distance in miles to the nearest small arms range suitable for aircrew and force protection small arms qualifications? If a small arms range is on your installation, answer 0.

Source: Military Value Data Call

Zero to 25 miles receives 1 point, then linear scaled to 50 miles and 0 points.

Component: Simulator Facilities

Air 30. Full motion simulator facilities for home based operational aircraft.

Air 30. Are full motion simulator facilities located on your installation for the operational aircraft that are home based? Full motion simulator facilities include those designed to provide pilots and aircrew the look and feel of actual flight.

Source: Military Value Data Call

Binary answer. Yes is 1, no is 0.

Air 31. Size of full motion simulator bays.

Air 31. What is the total square footage of OFT bays on your installation? Calculate only the area of the bays built to hold simulators, not control rooms, maintenance spaces, or briefing areas.

Source: Military Value Data Call

Based upon responses, linear scaled from maximum to minimum square footage.

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Attribute: *Airfield Characteristics*

Component: *Operational Location*

Air 32. Published field elevation.

Air 32. What is your published field elevation?

Source: Military Value Data Call

Based on responses from all airfields, scoring will be assigned which gives more credit to the lower elevations. 1 point will be given for under 1,000 feet. Points will slide linearly to 3,000 feet and .5 point. Then linear again to the highest reported field elevation and 0 points.

Air 33. Distance to primary supported ground units.

Air 33. What is the range in nautical miles from your field to the nearest installation or training area hosts ground units requiring air support?

Source: Military Value Data Call

Answers within 10 nm receive 1 point, then linear scaled to 75 nm and 0.

Note: This question intends to determine how far an aviation unit has to travel to support the units it is most often called upon to support. It is aimed mostly at USMC and Army ground support squadrons, but is asked so that any airfield can answer and receive points.

GRD-34a-b: Relative value of Aerial Port of Embarkation (APOE) that supports aviation units.

GRD-34a. (0.5) What is the distance (miles) to the primary Aerial Port of Embarkation (APOE) used for loadout of cargo (0.3)? Who manages it (0.2 if Federally managed)? If not federally managed, is a user agreement in place (0.1)?

Source: Capacity Data Call

Based on responses to three questions, analyst will apply a function for zero credit to a maximum credit corresponding to this value. Question amplification will include DoD references for transportation and material handling.

GRD-34b. (0.5) For your primary APOE, what is the maximum throughput in terms of short tons of cargo that can be staged and loaded per day?

Source: Military Value Data Call

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Based on maximum number provided, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

GRD-35a-b: Relative value of Sea Port of Embarkation (SPOE) that supports aviation units.

GRD-35a. (0.5) What is the distance (miles) to the primary Sea Port of Embarkation (SPOE) used for loadout of cargo (0.3)? Who manages it (0.2 if Federally managed)? If not federally managed, is a user agreement in place (0.1)?

Source: Capacity Data Call

Based on responses to three questions, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

GRD-35b. (0.5) For your primary SPOE, what is the maximum throughput in terms of short tons of cargo that can be staged and loaded per day?

Source: Military Value Data Call

Based on responses to the two questions, analyst will apply a function for zero credit to a maximum credit corresponding to this value. Question amplification will include DoD references for transportation and material handling.

Air 34. Distance to suitable SAR swimmer jump training area.

Air 34. What is the range, in nautical miles, from your field to the nearest body of water where SAR jumps can be conducted?

AMP: JCS 3-50 provides guidance for SAR training. SAR jumps require water at least 12 feet deep, to ensure jumpers don't plug. Currents need to be less than 5 knots. Conditions also must allow the occupants of the safety boat to be within UHF range to the home base.

Source: Military Value Data Call

Linear scaled scoring from 1 point for less than 10nm, to 0 at 50 nm.

Air 35. Distance to nearest Class Bravo airspace.

Air 35. What is the range in miles to the closest center of Class Bravo air space?

Source: Military Value Data Call

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Answers less than 10 miles receive 0 points, then linear scaled to 30 miles and 1 point.

Air 36. Strategic Location.

Air 36. Is the installation strategically located?

Source: Military Value Data Call

IEG will assign credit based upon judgment.

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Component: Airfield Restrictions

Air 37. 24/7 capable.

Air 37. Are local laws or restrictions in place that would prohibit your field from operating 24 hours a day, seven days a week?

Source: Capacity Data Call question DoD 201; 2.2.2.d

Binary response. 1 for no, 0 for yes.

Air 38. Percent of runway operations conducted by non-DOD aircraft.

Air 38. What is the total number of runway operations performed at your field by non-DOD aircraft? Include all civilian operations, including private and government agency traffic.

Source: Military Value Data Call

Linear scaled answers from 1 at 0% to 0 at 25%.

Air 39. Buildable acres.

Air 39. How many Airfield Operations Total Buildable Acres are on your installation?

Source: Capacity Data Call question DoD 30; 1.4.a item B. "Airfield Operations-includes acreage that is appropriate for airfield pavements and lighting, air operations facilities, and supporting facilities such as aircraft maintenance hangars and shops."

Linear scaled answers from 0 for less than 5 to 1 for greater than 200. Five acres represents the smallest amount of land a small hangar and ramp could be constructed. 200 acres is sufficient land to build hangars, ramps, taxiways, and an additional 8000 foot runway, complete with clear zones and APZs, so no additional value is given for excess.

Air 40. Relative Bird and Animal Hazard.

Air 40a. What is the number of Bird/Animal Strike Hazard (BASH) reports submitted in FY 02 and FY 03?

Source: Military Value Data Call

Air 40b. What are your total number of runway operations for FY 02 and FY 03?

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Source: Military Value Data Call (DoD 568; CDC 1.6.2.f NOT ASKED OF AIR FORCE OR ARMY). Answers will be normalized to a “Bash report per 1000 flight operations”, and scored 1 point for min to 0 points for max.

Component: Weather

Air 41. Relative percent of time field is IFR.

Air 41. What percentage of time is your field operating under IFR?

Source: Military Value Data Call

Based upon responses, linear scaled scoring from 1 point for minimum % to 0 points for maximum.

Air 42. Parallel runway operations.

Air 42a. What percentage of time is the crosswind component to your primary runway at least 15 knots?

Source: Military Value Data Call

Air 42b. Airfield configuration.

Source: Capacity Data Call question DoD 9; CDC 1.6.2.a

Scoring is based upon what percent of the time a field can perform parallel runway operations. If the field does not have parallel runways, the answer is 0 and 0 points given. If the field has crossing parallel runways, the answer is 100 and 1 point given. For other configurations (e.g. parallel runways with a single or no crosswind runway), we will compute the percent of time, based on crosswind components, that the parallel runways are active. Scoring is linear scaled 0 to 100 percent.

Component: Anti-Terrorism / Force Protection

SEA-39a-b. The relative value of buildings that meet structural criteria and/or perimeter standoff criteria.

SEA-39a. (0.4) What total square footage of your buildings comply with structural criteria (frame, walls, glazing, etc.) contained in DoD Minimum Antiterrorism Standards for Buildings (UFC 4-010-01)?

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

SEA-39b. (0.6) What total square footage of your buildings meet the minimum perimeter standoff distance distances as specified in DoD Minimum Antiterrorism Standards for Buildings (UFC 4-010-01)?

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

SEA-40. Adequate space available for Entry Control points to have vehicle search, holding areas, and rejection lanes.

SEA-40. Is adequate space available for all Entry Control Points (ECPs) to have vehicle search, holding areas, and rejection lanes as specified in UFC 4-010-01?

Source: Military Value Data Call

Binary value.

SEA-41. Relative value of utility (government or commercial, electric or water) redundancy.

SEA-41. Is the installation supported by an electric or water utility (government or commercial) that is a single point source (no redundant capability)?

Source: Military Value Data Call

Installation will receive 0.5 points for each listed utility that has redundancy.

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Component: Locality Cost

SEA-42a-b. Relative value of the locality cost.

SEA-42a. (0.5) What is the GS Locality Pay percentage for you activity's geographical area? (%)

Source: Military Value Data Call (Criterion 7)

Based on maximum value, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

SEA-42b. (0.5) What is your host installation's Area Cost Factor (ACF) as described in the DoD Facilities Pricing Guide? (Number)

Source: Military Value Data Call

Based on maximum value, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

Attribute: Environment and Encroachment

Air 43. External encroachments on operations.

Air 43. Are operations hindered by external encroachments?

Source: Capacity Data Call question DoD 201/CDC 2.2.2.d

Binary response. Yes is 0, no is 1

Air 44. Relative Air Quality Flexibility.

Air 44. To what extent does air quality impact your operational flexibility?

Source: Capacity Data Call, Environment and Encroachment Group.

E&E will compute a relative value from 0 to 1 that reflects the installations air control flexibility as depicted in the table below:

AIR QUALITY

(0.6) Attainment Classification (DoD#210, 213)

Attainment	1
marginal, moderate, maintenance	0.5
serious, severe, extreme	0

(0.1) SIP (DoD#221)

Attainment or yes	1
no	0

(0.1) Emission credits (DoD#222, #223, #224, #225)

Attainment or yes	1
no	0

(0.2) Operating restrictions (DoD#218)

no	1
yes	0

(1.0) Air Quality Flexibility

Air 45. Relative incompatible land use for Accident Potential Zone I.

Air 45. For each runway end, provide the percent of off-installation incompatible land use in the extended Clear Zone, Accident Potential Zone (APZ) I, and APZ II.

(Percentage of incompatible land use off installation = Acres of land off-installation

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zoned incompatibly / Total acres of land off-installation in extended clear zone, APZ I and APZ II) Include information for each end of the runways.

Source: Capacity Data Call DoD 208; CDC 2.2.1.h

Based on responses, linear scaled scoring max is 0 and min is 1

Air 46. Relative incompatible land use for Accident Potential Zone II

Air 46. For each runway end, provide the percent of off-installation incompatible land use in the extended Clear Zone, Accident Potential Zone (APZ) I, and APZ II. (Percentage of incompatible land use off installation = Acres of land off-installation zoned incompatibly / Total acres of land off-installation in extended clear zone, APZ I and APZ II) Include information for each end of the runways.

Source: Capacity Data Call question DoD 208; CDC 2.2.1.h

Based on responses, linear scaled scoring max is 0 and min is 1

Air 47. Relative Clear Zone control.

Air 47. Does the installation own or control through easements all the acres in the clear zone?

Source: Capacity Data Call question DoD 207; CDC 2.2.1.g

Binary scoring, yes is 1, no is 0.

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Air 48. Noise Flexibility.

Air 48. To what extent are your operations constrained by noise?

Source: Capacity Data Call, Environment and Encroachment Group.

E&E will compute a relative value from 0 to 1 that reflects the installations noise flexibility, as depicted in the table below:

NOISE

(0.5) Noise contours extend off-base into incompatible land use areas (DoD#239)

No acres listed incompatible	1
Any acres in 65-69 dB	0.75
Any acres in 70-74 dB	0.25
Any acres in 75 - above dB	0

(0.5) Noise Abatement Procedures published? (DoD#202)

no or N/A	1
yes	0

(1.0) Noise Flexibility

Air 49. Real estate disclosures.

Air 49. Do the local communities around your main and auxiliary (OLF) fields require real estate disclosures?

Source: Military Value Data Call

Binary scoring, yes and N/A is 1, "some" and no is 0. N/A is for those fields with no local communities.

Air 50. AICUZ data for zoning.

Air 50. Has the local community, state or county adopted AICUZ or FAA Part 150 study land use compatibility guidelines in their land use planning outside of your main installation, auxiliary airfield, training range and/or RDT&E range? A "yes" answer to this question signifies the local community, state or county has adopted the AICUZ or FAA Part 150 study in total. Partial adoption requires a "no" answer.

Source: Capacity Data Call question Dod 203; CDC 2.2.1.c.

Binary answer, yes is 1, no is zero.

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Component: Waste Disposal

ENV-5a-c. Relative value of the capacity to dispose of solid or hazardous waste.

ENV-5a. (0.4) Does the installation have a permitted hazardous waste Resource Conservation and Recovery (RCRA) Treatment, Storage or Disposal (TSD) facility? (0.2) If so, does the hazardous waste TSD facility permit allow acceptance of off-site waste? (0.2)

Source: Capacity Data Call

Two binary values.

ENV-5b. (0.4) If the installation has a permitted solid waste disposal facility, what is the remaining capacity?

Source: Capacity Data Call

Based upon maximum capacity remaining, analyst will apply a function for zero credit to a maximum credit corresponding to this value.

ENV-5c. (0.2) Does the installation have an interim or final RCRA Subpart X permit for operation of an open burning/open detonation facility? (0.1) If so, does the RCRA Subpart X permit allow acceptance of off-site waste (e.g. from other DoD facilities)? (0.1)

Source: Capacity Data Call

Two binary values.

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Component: Potable Water

ENV-6a-b. Relative value of potable water resource constraints.

ENV-6a. (0.25) Can the existing water system/treatment facility provide 50% more water than current demand?

Source: Capacity Data Call

Binary value.

ENV-6b. (0.75) How many days during FY 1999-2003 were restrictions implemented that limited production or distribution?

Source: Capacity Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

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Attribute: *Personnel Support (QOL)*

Component: *Medical*

PS-1. Located within the medical catchment area of an in-patient military medical treatment facility.

PS-1. Is your activity within the medical catchment area of an in-patient military medical treatment facility? (yes/no)

Source: Military Value Data Call

Binary.

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Component: Housing

PS-2. Relative value of government and PPV housing availability.

PS-2a. (0.5) What was the average wait time (in months) for family housing, including Public Private Venture (PPV) units, at your installation as of 30 September 2003?

$$\text{Avg Wait Time} = \frac{(\text{List}_1 \text{ Wait Time} \times \text{List}_1 \text{ Units}) + (\text{List}_2 \text{ Wait Time} \times \text{List}_2 \text{ Units}) + \dots}{\text{Total Housing Units}}$$

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-2b. (0.25) What is the total number of adequate Bachelor Quarters (combined officer and enlisted; both current and budgeted) at your installation divided by the total military population as of 30 Sep 2003?

Source: Capacity Data Call

Ratio of number of rooms per active duty population. Based on responses received, analyst will apply a function for zero to maximum credit.

PS-2c. (0.25) What was the total number of non availabilities issued over the past five years (1999-2003) divided by the total number of transient rooms as of 30 Sept. 2003 at your installation?

Source: Capacity Data Call

Ratio of number of non-availabilities per total number of transient rooms. Based on responses received, analyst will apply a function for zero to maximum credit.

PS-3. Relative value of community housing availability, affordability and proximity.

PS-3a (0.25) What is the community rental vacancy rate?

Source: Military Value Data Call (Criteria 7 question)

Based on responses received, analyst will apply a function for zero to maximum credit.

PS-3b. (0.25) What is the BAH (E-5 without dependents) for the locality as of 1 Jan 2004?

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Source: Military Value Data Call (Criteria 7 question)

Based on responses received, analyst will apply a function for zero to maximum credit

PS-3c. (0.25) What is the BAH (E-5 with dependents) for the locality as of 1 Jan 2004?

Source: Military Value Data Call (Criteria 7 question)

Based on responses received, analyst will apply a function for zero to maximum credit

PS-3d. (0.25) What is the average commute time for those living off base (source: Census Bureau)? (Time: minutes)

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero to maximum credit.

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Component: Education

PS-4. Relative value of dependent primary and secondary education opportunities in the local community. (Amplification: Local Community is defined as the Military Housing Area (MHA)).

PS-4a. (0.4) What is the total average composite SAT score in the local school districts in the 2002-2003 school year?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-4b. (0.3) What was the pupil/teacher ratio in the local school districts in the 2002-2003 school year?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-4c. (0.3) What percent of high school classroom teachers were certified in their subject/core area in the local school districts in the 2002-2003 school year? (%)

Source: Military Value Data Call (Criterion 7)

Analyst will apply a function to answers from zero to 100 percent.

PS-5. Relative availability of dependent and member post-secondary education in the local community.

PS-5a. (0.4) Does your installation's state charge military family members the in-state tuition rate for higher education? (yes/no)

Source: Military Value Data Call (Criterion 7)

Binary value.

PS-5b. (0.2) How many vocational/technical schools are available in the local community? (count)

Source: Military Value Data Call (Criterion 7)

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Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-5c. (0.3) How many undergraduate colleges/universities are available in the local community? (count)

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-5d. (0.1) How many colleges/universities with graduate programs (Masters and/or Ph.D. level) are available in the local community? (count)

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Component: Employment

PS-6. Relative opportunity for dependent/off-duty employment.

PS-6a. (0.5) What were the annual unemployment rates for the 5-year period of 1999-2003?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-6b. (0.5) What was the annual covered employment (job growth) for the periods 1998-2003 (%)

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

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Component: Fleet and Family Services

PS-7. Relative availability of base services.

PS-7. Which Support Services facilities are located at your installation? (y/n)

<u>FACILITY</u>	<u>Available (yes/no)</u>	<u>Value</u>
Commissary		0.4
Exchange		0.2
Family Service Center		0.2
Convenience Store		0.1
Chapel		0.1
TOTAL		1.00

Source: Capacity Data Call

Binary values.

PS-8a-b. Relative availability of child care support.

PS-8a. (0.5) What is the average wait to enroll (in days) for on-base child care? (Count: days)

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-8b. (0.5) How many licensed and/or accredited child care centers do you have in your community (MHA)?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit. Normalize total population.

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Component: MWR

PS-9. Relative availability of MWR/MCCS facilities.

PS-9. Which MWR facilities are located at your installation? (y/n)

FACILITY	Available (yes/no)	Value
Gymnasium/Fitness Center		0.3
Swimming Facilities		0.2
Golf Course		0.1
Youth Center		0.1
Officer/Enlisted Club		0.1
Bowling		0.03
Softball Field		0.02
Library		0.01
Theater		0.01
ITT		0.01
Museum/Memorial		0.01
Wood Hobby		0.01
Beach		0.01
Tennis CT		0.01
Volleyball CT (outdoor)		0.01
Basketball CT (outdoor)		0.01
Racquetball CT		0.01
Driving Range		0.01
Marina		0.01
Stables		0.01
Football Field		0.01
Soccer Field		0.01
TOTAL		1.00

Source: Military Value Data Call

Binary value.

Component: Follow-on Tour Opportunities

PS-10. Relative opportunity for follow-on tour in the homeport.

PS-10. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following: (Text: Counts)

Rating	# of Sea Billets in Local Area	#of Shore Billets in Local Area

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

Component: Metropolitan Area Characteristics

PS-11. Relative proximity to a population center/city that has a population greater than 100,000.

PS-11. What is the distance in miles to the nearest population center/city that has a population greater than 100,000?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-12. Relative proximity to the nearest commercial airport that offers regularly scheduled service by a major airline carrier.

PS-12. What is the distance in miles to the nearest commercial airport that offers regularly scheduled service by a major airline carrier?

Source: Military Value Data Call (Criterion 7)

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

PS-13. Relative local crime rate.

PS-13. What is the FBI Crime Index for your activity's location (MHA)? (source: FBI Crime Index 2002; <http://www.fbi.gov/ucr/ucr.htm>) (Numeric)

Source: Military Value Data Call

Based on responses received, analyst will apply a function for zero credit to a maximum credit.

TAB 4

**NAVAL AVIATION MILITARY VALUE
MATRIX QUESTIONS**

MV Matrix #	Supporting Question(s)	IAT Band	Matrix Scoring Statements	IEG Score
OPERATIONAL INFRASTRUCTURE				
Runways and Arresting Gear				
1	AIR-1	1	Length of longest runway greater than 150 feet wide	10
2	AIR-2	2	Crosswind Runway	7
3	AIR-3	3	Number of runways with arresting gear	2
Hangars/Ramps				
4	AIR-4	1	Relative square feet of hangar space classified "adequate"	8
5	AIR-5	2	Number of hot refueling hydrants	7
6	AIR-6	1	Relative surface area of useable ramp space	10
Navalds/Lighting				
7	AIR-7	2	Number of runways serviced by Optical Landing System (OLS)	5
8	AIR-8	3	Number of runways serviced by Automatic Carrier Landing System (ACLS)	4
9	AIR-9	2	Number of runways serviced by Precision Approach Radar (PAR)	7
Munitions Storage				
10	AIR-10	3	Relative surface area of available munitions storage facilities	4
Intermediate Maintenance				
11	AIR-11	2	Relative Aviation Intermediate Maintenance	6
Unique or Specialized Capabilities/Missions				
12	SEA-14	1	Relative value of unique capabilities or missions	6
13	SEA-15	2	Relative value of specialized capabilities or missions	4

**NAVAL AVIATION MILITARY VALUE
MATRIX QUESTIONS**

MV Matrix # ATTRIBUTE - Attribute Weight Component	Supporting Question(s)	IAT Band	Matrix Scoring Statements	IEG Score
OPERATIONAL TRAINING				
Outlying and Auxiliary Fields (OLFs)				
14	AIR-12	1	Existence of Outlying and Auxiliary Fields	10
15	AIR-13	2	Night capable OLF	7
16	AIR-14	0	IFR capable OLF	0
17	AIR-15	1	Relative average distance from home field	8
18	AIR-16	2	OLF runway length	3
19	AIR-17	2	OLF pattern restriction	6
20	AIR-18	2	OLF 24/7 capable	6
Special Use Airspace				
21	AIR-19	1	Relative distance to MOA or Warning Area	10
22	AIR-20	2	Relative distance to air-to-air range	6
23	AIR-21	2	Relative size of air-to-air range	6
24	AIR-22	2	Relative distance to supersonic operating area	6
Ranges				
25	AIR-23	1	Relative distance to live fire air-to-ground range	10
26	AIR-24	2	Relative size of live fire air-to-ground range	6
27	AIR-25	2	Relative distance to nearest acoustic range	6
Military Training Routes (MTRs)				
28	AIR-26	2	Accessibility to Military Training Routes	6
Aircrew Training Facilities				
29	AIR-27	3	Distance to aviation physiology/swim facilities	2
30	AIR-28	2	Distance to pool adequate for year-round SAR swimmer training	4
31	AIR-29	3	Distance to Aviation Shipboard Firefighting school	2
32	AIR-30	3	Distance to small arms range	1
Simulator Facilities				
33	AIR-31	2	Full-motion simulator facilities for home-based operational aircraft	7
34	AIR-32	2	Size of full-motion simulator bays	7

**NAVAL AVIATION MILITARY VALUE
MATRIX QUESTIONS**

MV Matrix #	Supporting Question(s)	IAT Band	Matrix Scoring Statements	IEG Score
AIRFIELD CHARACTERISTICS				
Operational Location				
35	AIR-33	2	Published Field Elevation	5
36	AIR-64	0	Distance to coast (Atlantic, Pacific or Gulf)	0
37	AIR-35	1	Distance to primary supported ground units	7
38	GRD-34a-b	2	Relative value of Aerial Port of Embarkation (APOE) that supports aviation units	7
39	GRD-35a-b	2	Relative value of Sea Port of Embarkation (SPOE) that supports aviation units	7
40	AIR-36	2	Distance to suitable SAR swimmer jump training area	4
41	AIR-37	2	Distance to nearest Class B airspace	7
42	AIR-38	1	Strategic Location	7
Airfield Restrictions				
43	AIR-39	1	24/7 capable?	8
44	AIR-40	3	Percent of runway operations conducted by non-DOD aircraft	2
45	AIR-41	3	Buildable acres	1
46	AIR-42a-b	3	Relative Bird and Animal Hazard	2
Weather				
47	AIR-43	2	Relative percent of time field is IFR	7
48	AIR-44a-b	2	Parallel runway operations	4
Anti-Terrorism/Force Protection				
49	SEA-39a-b	2	The relative value of buildings that meet structural criteria and/or perimeter standoff criteria	3
50	SEA-40	2	Adequate space available for Entry Control Points to have vehicle search, holding areas, and rejection lanes	3
51	SEA-41	2	Relative value of utility (government or commercial; electric or water) redundancy	3
Locality Cost				
52	SEA-42a-b	3	The relative value of the locality cost	3

**NAVAL AVIATION MILITARY VALUE
MATRIX QUESTIONS**

MV Matrix #	Supporting Question(s)	IAT Band	Matrix Scoring Statements	IEG Score
ENVIRONMENT & ENCROACHMENT				
53	AIR-45	1	External encroachments on operations	10
54	AIR-46	1	Relative Air Quality Flexibility	10
55	AIR-47	2	Relative incompatible land use for Accident Potential Zone I	7
56	AIR-48	2	Relative incompatible land use for Accident Potential Zone II	7
57	AIR-49	2	Relative Clear Zone control	7
58	AIR-50	1	Noise Flexibility	10
59	AIR-51	3	Real Estate disclosures	4
60	AIR-52	2	AICUZ data for zoning	7
Waste Disposal				
61	ENV-5a-c	3	Relative value of the capacity to dispose of solid or hazardous waste	2
Potable Water				
62	ENV-6a-b	3	Relative value of potable water resource constraints	2

**NAVAL AVIATION MILITARY VALUE
MATRIX QUESTIONS**

MV Matrix #	Supporting Question(s)	IAT Band	Matrix Scoring Statements	IEG Score
ATTRIBUTE - Attribute Weight Component				
PERSONNEL SUPPORT (GOL)				
Medical				
63	PS-1	2	Located within the medical catchment area of an in-patient military medical treatment facility	4
Housing				
64	PS-2a-c	1	Relative value of government and PPV housing availability	10
65	PS-3a-d	1	Relative value of community housing availability, affordability and proximity	10
Education				
66	PS-4a-c	2	Relative value of dependent primary and secondary education opportunities in the local community	7
67	PS-5a-d	2	Relative availability of dependent and member post-secondary education in the local community	6
Employment				
68	PS-6a-b	3	Relative opportunity dependent/off-duty employment	3
Fleet and Family Services				
69	PS-7	2	Relative availability base services	7
70	PS-8a-b	2	Relative value of child care support	6
MWR				
71	PS-9	2	Relative availability of MWR/MCCS facilities	6
Follow-on Tour Opportunities				
72	PS-10	3	Relative opportunity for follow-on tour in the homeport	1
Metropolitan Area Characteristics				
73	PS-11	3	Relative proximity to a population center/city that has a population greater than 100,000	2
74	PS-12	3	Relative proximity to a nearest commercial airport that offers regularly scheduled service by a major airline carrier	3
75	PS-13	3	Relative local crime rate	3

TAB 5

**NAVAL AVIATION MILITARY VALUE
QUESTION - SELECTION CRITERIA MAPPING**

	OPERATIONAL INFRASTRUCTURE	READINESS						FACILITIES						SURGE CAPABILITIES						COST					
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS				
Runways and Arresting Gear																									
1	AIR-1	Length of longest runway greater than 150 feet wide	1																						
2	AIR-2	Crosswind Runway	1																						
3	AIR-3	Number of runways with arresting gear	1																						
Hangars/Ramps																									
4	AIR-4	Relative square feet of hangar space classified "adequate"	1																						
5	AIR-5	Number of hot refueling hydrants	1																						
6	AIR-6	Relative surface area of useable ramp space	1																						
Navalds/Lighting																									
7	AIR-7	Number of runways serviced by Optical Landing System (OLS)	1																						
8	AIR-8	Number of runways serviced by Automatic Carrier Landing System (ACLS)	1																						
9	AIR-9	Number of runways serviced by Precision Approach Radar (PAR)	1																						
Munitions Storage																									
10	AIR-10	Relative surface area of available munitions storage facilities	1																						
Intermediate Maintenance																									
11	AIR-11	Relative Aviation Intermediate Maintenance	1																						
Unique or Specialized Capabilities/Missions																									
12	SEA-14	Relative value of unique capabilities or missions	1																						
13	SEA-15	Relative value of specialized capabilities or missions	1																						

**NAVAL AVIATION MILITARY VALUE
QUESTION - SELECTION CRITERIA MAPPING**

		READINESS					FACILITIES					SURGE CAPABILITIES					COST					
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	
OPERATIONAL TRAINING																						
Outlying and Auxiliary Fields (OLFfs)																						
14	AIR-12	Existence of Outlying and Auxiliary	1								1											
15	AIR-13	Night capable OLF	1								1											
16	AIR-14	IFR capable OLF																				
17	AIR-15	Relative average distance from home	1								1											
18	AIR-16	OLF runway length	1								1											
19	AIR-17	OLF pattern restriction	1								1											
20	AIR-18	OLF 24/7 capable	1								1											
Special Use Airspace																						
21	AIR-19	Relative distance to MOA or Warning Area	1								1											
22	AIR-20	Relative distance to air-to-air range	1								1											
23	AIR-21	Relative size of air-to-air range	1								1											
24	AIR-22	Relative distance to supersonic operating area	1								1											
Ranges																						
25	AIR-23	Relative distance to live fire air-to-ground range	1								1											
26	AIR-24	Relative size of live fire air-to-ground range	1								1											
27	AIR-25	Relative distance to nearest acoustic range	1								1											
Military Training Routes (MTRs)																						
28	AIR-26	Accessibility to Military Training Routes	1								1											
Aircrew Training Facilities																						
29	AIR-27	Distance to aviation physiology/swim facilities	1								1											
30	AIR-28	Distance to pool adequate for year-round SAR swimmer training	1								1											
31	AIR-29	Distance to Aviation Shipboard Firefighting school	1								1											
32	AIR-30	Distance to small arms range	1								1											
Simulator Facilities																						
33	AIR-31	Full-motion simulator facilities for home-based operational aircraft	1								1											
34	AIR-32	Size of full-motion simulator bays	1								1											

**NAVAL AVIATION MILITARY VALUE
QUESTION - SELECTION CRITERIA MAPPING**

	AIRFIELD CHARACTERISTICS	READINESS			FACILITIES			SURGE CAPABILITIES			COST					
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS
Operational Location																
35	AIR-33 Published Field Elevation			1												1
36	AIR-34 Distance-to-coast (Atlantic-Pacific or Gulf)															
37	AIR-35 Distance to primary supported ground units			1												1
38	GRD-344 Relative value of Aerial Port of Embarkation (APOE) that supports aviation units			1												1
39	GRD-355 Relative value of Sea Port of Embarkation (SPOE) that supports aviation units			1												1
40	AIR-36 Distance to suitable SAR swimmer jump training area			1												1
41	AIR-37 Distance to nearest Class B airspace			1												1
42	AIR-38 Strategic Location			1												1
Airfield Restrictions																
43	AIR-39 24/7 capable?			1												1
44	AIR-40 Percent of runway operations conducted by non-DOD aircraft			1												1
45	AIR-41 Buildable acres			1												1
46	AIR-42a Relative Bird and Animal Hazard			1												1
Weather																
47	AIR-43 Relative percent of time field is IFR			1												1
48	AIR-44a Parallel runway operations			1												1
Anti-Terror/Force Protection																
49	SEA-39a The relative value of buildings that meet structural criteria and/or perimeter standoff criteria															1
50	SEA-40 Adequate space available for Entry Control Points to have vehicle search, holding areas, and rejection lanes															1
51	SEA-41 Relative value of utility (government or commercial; electric or water) redundancy															1
Locality Cost																
52	SEA-42a The relative value of the locality cost															1

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**NAVAL AVIATION MILITARY VALUE
QUESTION - SELECTION CRITERIA MAPPING**

	ENVIRONMENT & ENCROACHMENT	READINESS			FACILITIES			SURGE CAPABILITIES			COST						
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	
53	AIR-45				1					1							1
54	AIR-46				1					1							1
55	AIR-47				1					1							1
56	AIR-48				1					1							1
57	AIR-49				1					1							1
58	AIR-50				1					1							1
59	AIR-51				1					1							1
60	AIR-52				1					1							1
Waste Disposal																	
61	ENV-5a-1									1							1
Potable Water																	
62	ENV-6a-1									1							1

**NAVAL AVIATION MILITARY VALUE
QUESTION - SELECTION CRITERIA MAPPING**

	PERSONNEL SUPPORT (GOJ)	READINESS					FACILITIES					SURGE CAPABILITIES					COST					
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	
Medical																						
63 PS-1	Located within the medical catchment area of an in-patient military medical treatment facility					1																1
Housing																						
64 PS-2a-d	Relative value of government and PPV housing availability					1																1
65 PS-3a-b	Relative value of community housing availability, affordability and proximity					1																1
Non-Military Education																						
66 PS-4a-c	Relative value of dependent primary and secondary education opportunities in the local community																					1
67 PS-5a-d	Relative availability of dependant and member post-secondary education in the local community																					1
Employment																						
68 PS-6a-b	Relative opportunity for dependant/off-duty employment																					1
Fleet and Family Services																						
69 PS-7	Relative availability base services									1												1
70 PS-8a-b	Relative value of child care support									1												1
MWR																						
71 PS-9	Relative availability of MWR/MCCS facilities									1												1
Follow-on-Tour Opportunities																						
72 PS-10	Relative opportunity for follow-on tour in the homeport																					1
Metropolitan Area Characteristics																						
73 PS-11	Relative proximity to a population center/city that has a population greater than 100,000																					1
74 PS-12	Relative proximity to a nearest commercial airport that offers regularly scheduled service by a major airline carrier					1																1
75 PS-13	Relative local crime rate																					1
NAVAL AVIATION TOTAL		13	20	13	8	4	13	20	16	10	5	12	20	13	8	4	8	20	13	10	13	
		OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	OI	OT	AC	EE	PS	
		Readiness					Facilities					Surge Capabilities					Cost					

TAB 6

**NAVAL AVIATION MILITARY VALUE
ATTRIBUTE - SELECTION CRITERIA WEIGHTING**

Selection Criteria (SC) Weighting		Readiness	Facilities	Surge Capabilities	Cost	TOTAL
		50	20	15	15	100
Attribute						
Operational Infrastructure	Runways & Arresting Gear, Hangars/Ramps, Nav aids/Lighting, Munitions Storage, Intermediate Maintenance, Unique or Specialized Capabilities/Missions	25	30	30	15	
Operational Training	Outlying/Auxiliary Fields, Special Use Airspace, Ranges, MTRs, Aircrew Training Facilities, Simulator Facilities	12.50	6.00	4.50	2.25	25.25
Airfield Characteristics	Operational Location, Airfield Restrictions, Weather, Anti-Terrorism/Force Protection, Locality Cost	17.50	5.00	3.00	4.50	30.00
Environment & Encroachment	External Encroachments, Air Quality Flexibility, APZ I/II & Clear Zones, Noise Flexibility, AICUZ, Waste Disposal, Potable Water	10.00	4.00	3.75	2.25	20.00
Personnel Support (QOL)	Medical, Housing, Education, Employment, Fleet & Family Services, MWR, Follow-on Tour Opportunities, Metropolitan Area Characteristics	5.00	4.00	2.25	1.50	12.75
		100	100	100	15.00	100.00