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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

OVERVIEW: The primary purpose of installations in this category is to conduct testing and evaluation of weapons systems, air vehicles, and associated components. requiring specialized and expensive facilities. Bases in the test facility subcategory are:
Eglin AFB, Florida

ATTRIBUTES: Important attributes of test facilities:

- Physical attributes of open air ranges
- Technical attributes of facilities, instrumentation, and unique equipment

SPECIAL ANALYSIS METHOD: Although the Test and Evaluation subcategory analysis reflected the same method for Criteria II - VIII as the overall Air Force process, a tailored Criterion I analysis was developed for this subcategory. This tailored approach was necessary because of the DoD establishment of a Test and Evaluation Joint Cross Service Group (JCSG-TE) to identify cross-service asset sharing opportunities. As chartered by OSD, the JCSGs were to develop guidelines, standards, assumptions, measures of merit, data elements and milestone schedules for DoD Component conduct of cross-service analyses of common support functions. In addition, the JCSGs were to develop closure or realignment alternatives and numerical excess capacity reduction targets.

As a result of this effort, and seeking to integrate the cross-service analysis into the Air Force process to the maximum extent possible, the Air Force collected data on behalf of and under the direction of the JCSG-TE relating to the functional capabilities and workload capacity of test and evaluation activities.

The Air Force BCEG appointed a special Base Closure Working Group Subgroup to develop a means of analyzing the Test and Evaluation functions. That Subgroup briefed the BCEG on its proposed analytical method, which basically followed the JCSG-TE methodology and used JCSG-TE data, received BCEG approval, and conducted the analysis in accordance with the method.

Criterion I for Test and Evaluation bases was split into two parts. The first part was a rolled up rating of the test and evaluation functional analysis. This rating was represented by a color and resulted from rolling up the color grades from each of three functional areas, Armaments/Weapons, Electronic Combat, and Air Vehicles. In rolling up these grades, the bases' primary mission (as determined by AF/TE) was weighted as 70 percent of the grade, with the other two areas given weights of 15 percent each.

The grades for each of the functional areas was determined using two major factors, Physical Value and Technical Value. The value of the Physical Value component was determined by summing weighted values of five measures of merit; Critical Air/Land/Sea Space, Topography, Climate, Encroachment, and Environment. (These last two measures of merit evaluate encroachment and environmental factors only as they impact test activities. They do not duplicate either the Criterion II or Criterion VIII subelements.) Individual scores were derived for each measure of merit, and the measure of merit score (not a color, but a grade between 1 and 100) was multiplied by the weight of the measure of merit.

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The same process was conducted for the Technical Value factor, using six measures of merit; Digital Modeling & Simulation, Measurement Facilities, System Integration Lab, Hardware-In-The-Loop, Installed System Test Facility, and Open Air Ranges. Once a score was derived for the Physical Value and Technical Value factors (a score from 1 to 100), those scores were multiplied by the weights assigned to each factor, and summed. This process produced a single Functional Value for the base for each of the three functional areas. A color was applied to each of the Functional Value grades by applying the standard deviation grading method across all the Test and Evaluation bases. The color grades for each of the functional areas were then rolled up into an overall activity grade, reflecting the weighting given to the primary and secondary functions performed by that activity. This color grade constituted the color for the Test and Evaluation portion of Criterion I.

The second part of the Criterion I grade was an Operational capabilities analysis. The operational analysis measured how well a base could perform a small aircraft, bomber, tanker, and airlift mission. A grade for each mission capability was assigned, then those grades were rolled up with equal weighting for each mission. The overall Operational capabilities grade and the Test and Evaluation grade were then rolled up into an overall Criterion I color grade.

The Air Force was also tasked to provide a "military value" of test and evaluation activity bases to the Joint Group. Because the Air Force does not produce a value based solely on the first four criteria, it forwarded the initial tiering of the bases within their respective categories. The following values were forwarded to the Test and Evaluation Joint Group:

<u>Base</u>	<u>Initial Installation Tiering</u>
Arnold AFB	1
Edwards AFB	1
Eglin AFB	1
Hill AFB (UTTR)	1
Holloman AFB (test assets)	3
Tyndall AFB	2

The Air Force was also directed to provide an analysis of various alternatives provided by the Joint Group. The Air Force provided an analysis of these alternatives, comparing them with the Air Force analysis, performed a functional feasibility review, and participated in COBRA analyses accomplished by the losing Service. The Air Force did not consider in its process alternatives for which no analysis was provided. The Air Force, in an effort to address concerns over of Co-Chairmen over excess capacity in "core" activities, did conduct its own analysis in accordance with the JCSG-TE approved Analysis Plan. The results of this analysis were provided to the JCSG-TE. The following JCSG-TE alternatives were analyzed:

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Description of Alternative	COBRA Analysis (One-time costs, NPV, ROI)	Functional Assessment
Air Vehicles: AQTD-Edwards AFB to Edwards AFB	Army to perform COBRA	AQTD is currently a tenant at Edwards AFB and utilizes Air Force test and test support facilities. No change is necessary.
Air Vehicles: ATTC-Ft Rucker to Edwards AFB	Army to perform COBRA	Capability and capacity match as well as adequate facilities exist at Edwards AFB. The Air Force is already hosting the similar Army capability at Edwards (AQTD).
Air Vehicles: NAWC-Indianapolis to Edwards AFB	No request from Navy for data	The Air Force has no equivalent organic T&E capability or requirement for such capability. There is no benefit to the Air Force or DoD from this cross-servicing
Air Vehicles: NAWC-Indianapolis to Eglin AFB	No request from Navy for data	The Air Force has no equivalent organic T&E capability or requirement for such capability. There is no benefit to the Air Force or DoD from this cross-servicing.
Air Vehicles: Relocate 475 WEG Radar Test Facility (Tyndall AFB) to Edwards AFB	Not accomplished	The RTF primarily conducts OT&E. Insufficient gain unless base otherwise recommended for closure.
Arm/Weapons: NSWC-Crane to Eglin AFB	No request from Navy for data	Capability and capacity match exists for the Ordnance Test Area Facility and the Transient Velocity Windstream Apparatus Facility. The Air Force has no requirement for the Automated Infrared Test Facility.
Arm/Weapons: NSWC-Dahlgren to Eglin AFB	No request for data from Navy	Capacity and capability match exists at Eglin for the Explosive Experimental Area Facility and the Air Force is willing to accommodate the workload. The Air Force has no requirement for the Electromagnetic Vulnerability Assessment Facility.
Arm/Weapons: NSWC-Indian Head to Arnold AFB	No request for data from Navy	The Air Force has no requirement for the Environmental Test Facility and partial capability to cross-serve the Navy for the Propulsion Component Test Facility. There is no benefit to the Air Force or DoD from this cross-servicing.
Arm/Weapons: RTTC-Redstone Arsenal to Eglin AFB	Army to perform COBRA	The Air Force has no requirement for the Induced Environmental Facility and Non-Destructive Test and Natural Environment Facility and partial capability for the

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Description of Alternative	COBRA Analysis (One-time costs, NPV, ROI)	Functional Assessment
		Component Test Facility. Capability and capacity exists for the Small Missile Test Range and the Air Force is willing to accommodate the workload at AFDTC Eglin AFB.
Arm/Weapons: RTTC-Redstone Arsenal to Holloman AFB	Army to perform COBRA	AFDTC Holloman AFB is a partial capability match for the Component Test Facility and is not a capability match for the Small Missile Test Range. There is no benefit to the Air Force or DoD from this cross-servicing.
EC: AFDTC-Buffalo (REDCAP) to AFFTC (Edwards AFB)	\$1.7 M, (\$11.0 M), 1 yr	Edwards AFB provides an overall capability and capacity match. This would provide DoD with a bomber-sized combination HITL and ISTF and result in the greatest capability and cost savings for DoD.
EC: AFDTC-Buffalo (REDCAP) to NAWC (Pax River) or NAWC (Pt Mugu)	Pax: \$3.9 M, (\$7.3M), 4 yrs; Pt Mugu: \$4.8 M, \$2.7 M, 100+ yrs	A move to Pt Mugu is not cost effective. A move to Pax River does not provide either the cost savings or the large aircraft test capability that a move to Edwards accomplishes.
EC: AFDTC-Ft Worth (AFEWES) to AFFTC (Edwards AFB)	\$5.8 M, (\$5.8 M), 7 yrs	Edwards AFB provides an overall capability and capacity match. This would provide DoD with a bomber-sized combination HITL and ISTF and result in the greatest capability and cost savings for DoD.
EC: AFDTC-Ft Worth (AFEWES) to NAWC (Pax River) or NAWC (Pt Mugu)	Pax: \$6.1 M, (\$9M), 14 yrs; Pt Mugu: \$10.7 M, \$6.5 M, 100+ yrs	A move to Pt Mugu is not cost effective. A move to Pax River does not provide either the cost savings or the large aircraft test capability that a move to Edwards accomplishes.

The remaining criteria were determined in a manner consistent with the other categories of bases. All criteria were then reviewed prior to grouping by the BCEG by secret written ballot.

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SUBCATEGORY DEPENDENT WEIGHTS: (See Appendix 2 for a discussion of weighting and the values of weights which are not functions of subcategory or primary mission.)

I Mission Effectiveness				II Facilities Availability and Condition			VII Community	
I.1 Flying Operations	30%			II.1 Facilities Base	25%		VII.1 Off-base Housing	14%
1.1.A Operations Evaluation		70%		II.2 Facilities Housing	10%		VII.2 Transportation	7%
I.1.A.1 Fighter Operations			25%	II.3 Encroachment (Airfield)	25%		VII.3 Off-base Recreation	7%
I.1.A.2 Bomber Operations			25%	II.3.A Existing Assoc Airsp		15%	VII.4 Shopping Mall	7%
I.1.A.3 Tanker Operations			25%	II.3.B Future Assoc Airsp		15%	VII.5 Metro Center	7%
I.1.A.4 Airlift Operations			25%	II.3.C Existing Local Area		5%	VII.6 Local Area Crime Rate	14%
1.1.B Associated Airspace		20%		II.3.D Future Local Area		5%	VII.7 Education	14%
1.1.C Airfield Evaluation		10%		II.3.E Existing Local Comm		35%	VII.8 Employment Opportunities	14%
1.1.D EXCLUDED		N/A		II.3.F Future Local Comm		25%	VII.9 Local Medical Care	14%
I.2 Thru I.6 EXCLUDED	N/A			II.4 Air Quality	40%		VII.10 thru VII.14 EXCLUDED	N/A
I.7 Test Facility Evaluation	70%			II.5 and II.6 EXCLUDED	N/A			

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OVERALL

Overall Mission Requirements *Facilities and Infrastructure* *Contingency and Mobility* *Costs and Manpower Implications* *Return on Investment* *Economic Impact* *Community* *Environmental Impact*

Base Name	I	II	III	IV	V	VI	VII	VIII
Eglin AFB	Green	Green -	Green -	1,805/ 427	21	22,086 (25.5%)	Green -	Yellow

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I MISSION REQUIREMENTS

*Flying
Operations* *Test Facility
Evaluation* *Overall*

Base Name	I.1	I.7	I
Eglin AFB	Green	Green	Green

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I.1 MISSION REQUIREMENTS - FLYING

*Operational
Effectiveness* *Associated
Airspace* *Airfield
Capabilities* *Flying
Mission*

Base Name	I.1.A	I.1.B	I.1.C	I.1
Eglin AFB	Green	Green	Green	Green

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I.1.A FLYING MISSION EFFECTIVENESS

Base Name	<i>Fighter Operational Effectiveness</i>	<i>Bomber Operational Effectiveness</i>	<i>Tanker Operational Effectiveness</i>	<i>Airlift Operational Effectiveness</i>	<i>Effectiveness</i>
	I.1.A.1	I.1.A.2	I.1.A.3	I.1.A.4	I.1.A
Eglin AFB	Green	Green	Green	Green -	Green

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I.1.A.1 FIGHTER MISSION OPERATIONAL EFFECTIVENESS

*Geographic
Location*

Training Areas

*Airspace/Training
Area Growth*

*Composite Force
Training*

*Fighter
Effectiveness*

Base Name	I.1.A.1.a	I.1.A.1.b	I.1.A.1.c	I.1.A.1.d	I.1.A.1
Eglin AFB	Green	Green -	Green	Green	Green

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I.1.A.1.a FIGHTER MISSION - GEOGRAPHIC LOCATION

	<i>Alternate Airfield</i>	<i>Divert Airfield</i>	<i>Ceiling and Visibility</i>	<i>Freezing Precipitation</i>	<i>Crosswind Component</i>	<i>Air Traffic Control Delays</i>	<i>Number of Runways</i>	<i>Geographic Location</i>
Base Name	I.1.A.1.a.1	I.1.A.1.a.2	I.1.A.1.a.3	I.1.A.1.a.4	I.1.A.1.a.5	I.1.A.1.a.6	I.1.A.1.a.7	I.1.A.1.a
Eglin AFB	Green	Green	Green	Green	Green	Green	Green	Green

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**I.1.A.1.b FIGHTER MISSION - TRAINING AREAS
(Military Operating Areas (MOAs) and Ranges)**

	<i>Supersonic Air Combat MOAs</i>	<i>Other Air Combat MOAs</i>	<i>Low Altitude MOAs</i>	<i>Scorable Range Complexes</i>	<i>Electronic Combat Ranges</i>
Base Name	I.1.A.1.b.1	I.1.A.1.b.2	I.1.A.1.b.3	I.1.A.1.b.4	I.1.A.1.b.5
Eglin AFB	Green	Green	Green	Green	Green

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I.1.A.1.b FIGHTER MISSION - TRAINING AREAS (Cont.) (Tactical Employment, Ranges and Routes)

	<i>Tactical Aircraft Employment</i>	<i>Air Combat Maneuvering Instrumentation</i>	<i>Full Scale Weapons Drop Range</i>	<i>Visual Routes (VRs)/ Instrument Routes (IRs)</i>	<i>Training Areas</i>
Base Name	I.1.A.1.b.6	I.1.A.1.b.7	I.1.A.1.b.8	I.1.A.1.b.9	I.1.A.1.b
Eglin AFB	Red	Yellow	Green	Green	Green -

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I.1.A.2 BOMBER MISSION OPERATIONAL EFFECTIVENESS

*Geographic
Location*

Training Areas

*Airspace/Training
Area Growth*

*Bomber
Effectiveness*

Base Name	I.1.A.2.a	I.1.A.2.b	I.1.A.2.c	I.1.A.2
Eglin AFB	Green	Green	Green	Green

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I.1.A.2.a BOMBER MISSION - GEOGRAPHIC LOCATION

	<i>Alternate Airfield</i>	<i>Ceiling and Visibility</i>	<i>Freezing Precipitation</i>	<i>Crosswind Component</i>	<i>Air Traffic Control Delays</i>	<i>Number of Runways</i>	<i>Geographic Location</i>
Base Name	I.1.A.2.a.1	I.1.A.2.a.2	I.1.A.2.a.3	I.1.A.2.a.4	I.1.A.2.a.5	I.1.A.2.a.6	I.1.A.2.a
Eglin AFB	Green	Green	Green	Green	Green	Green	Green

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I.1.A.2.b BOMBER MISSION - TRAINING AREAS

Base Name	<i>Low Altitude MOAs</i>	<i>Scorable Range Complexes</i>	<i>Tactical Training Range Complex</i>	<i>Electronic Combat Ranges</i>	<i>Full Scale Weapons Drop Range</i>	<i>Visual Routes (VRs)/ Instrument Routes (IRs)</i>	<i>Training Areas</i>
Base Name	I.1.A.2.b.1	I.1.A.2.b.2	I.1.A.2.b.3	I.1.A.2.b.4	I.1.A.2.b.5	I.1.A.2.b.6	I.1.A.2.b
Eglin AFB	Green	Green	Yellow	Green	Green	Green	Green

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I.1.A.3 TANKER MISSION OPERATIONAL EFFECTIVENESS

	<i>Alternate Airfield</i>	<i>Ceiling and Visibility</i>	<i>Freezing Precipitation</i>	<i>Crosswind Component</i>	<i>Air Traffic Control Delays</i>	<i>Tanker Saturation</i>	<i>Refueling Events</i>	<i>Concentrated Receiver Area</i>	<i>Bomber Effectiveness</i>
Base Name	I.1.A.3.a	I.1.A.3.b	I.1.A.3.c	I.1.A.3.d	I.1.A.3.e	I.1.A.3.f	I.1.A.3.g	I.1.A.3.h	I.1.A.3.i
Eglin AFB	Green	Green	Green	Green	Green	Green	Green	Green	Green

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I.1.A.4 AIRLIFT MISSION OPERATIONAL EFFECTIVENESS

*Geographic
Location* *Training Areas* *Airlift
Effectiveness*

Base Name	I.1.A.4.a	I.1.A.4.b	I.1.A.4
Eglin AFB	Yellow +	Green	Green -

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I.1.A.4.a AIRLIFT MISSION - GEOGRAPHIC LOCATION

	<i>Alternate Airfield</i>	<i>Ceiling and Visibility</i>	<i>Freezing Precipitation</i>	<i>Crosswind Component</i>	<i>Air Traffic Control Delays</i>	<i>Mobility and Deployability</i>	<i>Geographic Location</i>
Base Name	I.1.A.4.a.1	I.1.A.4.a.2	I.1.A.4.a.3	I.1.A.4.a.4	I.1.A.4.a.5	I.1.A.4.a.6	I.1.A.4.a
Eglin AFB	Green	Green	Green	Green	Green	Yellow	Yellow +

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**I.1.A.4.b AIRLIFT MISSION - TRAINING AREAS
(Personnel and Equipment Drop Zones, Landing Zones)**

	<i>Personnel Drop Zones</i>	<i>Personnel DZ Associated IRs</i>	<i>Personnel DZ Associated Slow Routes (SRs)</i>	<i>Landing Zone</i>	<i>Equipment Drop Zones</i>	<i>Equipment DZ Associated IRs</i>	<i>Equipment DZ Associated SRs</i>
Base Name	I.1.A.4.b.1	I.1.A.4.b.2	I.1.A.4.b.3	I.1.A.4.b.4	I.1.A.4.b.5	I.1.A.4.b.6	I.1.A.4.b.7
Eglin AFB	Green	Green	Green	Green	Green	Green	Green

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**I.1.A.4.b AIRLIFT MISSION - TRAINING AREAS (Cont.)
(Airdrop, Refueling)**

	<i>Airdrop Employment</i>	<i>Full Scale Airdrop</i>	<i>Air Refueling Routes</i>	<i>Training Areas</i>
Base Name	I.1.A.4.b.8	I.1.A.4.b.9	I.1.A.4.b.10	I.1.A.4.b
Eglin AFB	Green	Green	Green	Green

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I.1.B ASSOCIATED AIRSPACE

*Existing Availability
Encroachment* *Future Availability
Encroachment* *Associated
Airspace*

Base Name	I.1.B.1	I.1.B.2	I.1.B
Eglin AFB	Green	Green	Green

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I.1.B.1 EXISTING AVAILABILITY and ENCROACHMENT

*Military Operating
Areas/ Ranges*

*Military Training
Routes*

*Existing
Availability*

Base Name	I.1.B.1.a	I.1.B.1.b	I.1.B.1
Eglin AFB	Green	Green	Green

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

I.1.B.2 FUTURE AVAILABILITY and ENCROACHMENT

*Military Operating
Areas/ Ranges* *Military Training
Routes* *Future
Availability*

Base Name	I.1.B.2.a	I.1.B.2.b	I.1.B.2
Eglin AFB	Green	Green	Green

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I.1.C AIRFIELD CAPABILITIES (Runways, Taxiways, Aprons)

	<i>Fighter Mission</i>	<i>Bomber Mission</i>	<i>Tanker Mission</i>	<i>Airlift Mission</i>	<i>Airfield Capabilities</i>
Base Name	I.1.C.1	I.1.C.2	I.1.C.3	I.1.C.4	I.1.C
Eglin AFB	Green	Green	Green	Green	Green

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I.7 MISSION REQUIREMENTS - TEST FACILITIES

*Armament
and Weapons* *Electronic
Combat* *Air Vehicles* *Test Facilities*

Base Name	I.7.A	I.7.B	I.7.C	I.7
Eglin AFB	Green	Green	Green	Green

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I.7.A Armament and Weapons

*Physical
Value*

*Technical
Value*

*Armament
and Weapons*

Base Name	I.7.A.1	I.7.A.2	I.7.A
Eglin AFB	86.97	81.07	Green

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I.7.A.1 Armament and Weapons - Physical

Critical Sea & Air Space *Topographic* *Climatic* *Encroachment* *Environment* *Physical Value*

Base Name	I.7.A.1.a	I.7.A.1.b	I.7.A.1.c	I.7.A.1.d	I.7.A.1.e	I.7.A.1
Eglin AFB	88.37	58.00	99.04	88.14	100.00	86.97

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I.7.A.2 Armament and Weapons - Technical

Base Name	<i>Digital Models and Simulations</i>	<i>Measurement Facilities</i>	<i>Integration Labs</i>	<i>Hardware- In-The-Loop</i>	<i>Installed Systems Test Facilities</i>	<i>Open Air Ranges</i>	<i>Technical Value</i>
	I.7.A.2.a	I.7.A.2.b	I.7.A.2.c	I.7.A.2.d	I.7.A.2.e	I.7.A.2.f	I.7.A.2
Eglin AFB	98.00	91.00	0.00	100.00	58.00	89.80	81.07

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I.7.B Electronic Combat

Physical Value *Technical Value* *Electronic Combat*

Base Name	I.7.B.1	I.7.B.2	I.7.B
Eglin AFB	79.46	82.15	Green

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I.7.B.1 Electronic Combat - Physical

Critical Sea & Air Space

Topographic

Climatic

Encroachment

Environment

Physical Value

Base Name	I.7.B.1.a	I.7.B.1.b	I.7.B.1.c	I.7.B.1.d	I.7.B.1.e	I.7.B.1
Eglin AFB	76.65	64.00	100.00	88.14	100.00	79.46

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I.7.B.2 Electronic Combat - Technical

Digital Models and Simulations *Measurement Facilities* *Integration Labs* *Hardware-In-The-Loop* *Installed Systems Test Facilities* *Open Air Ranges* *Technical Value*

Base Name	I.7.B.2.a	I.7.B.2.b	I.7.B.2.c	I.7.B.2.d	I.7.B.2.e	I.7.B.2.f	I.7.B.2
Eglin AFB	99.00	100.00	0.00	100.00	58.00	89.00	82.15

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I.7.C Air Vehicles

*Physical
Value*

*Technical
Value*

Air Vehicles

Base Name	I.7.C.1	I.7.C.2	I.7.C
Eglin AFB	78.47	62.43	Green

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I.7.C.1 Air Vehicles - Physical

Critical Sea & Air Space *Topographic* *Climatic* *Encroachment* *Environment* *Physical Value*

Base Name	I.7.C.1.a	I.7.C.1.b	I.7.C.1.c	I.7.C.1.d	I.7.C.1.e	I.7.C.1
Eglin AFB	76.27	58.00	98.80	88.14	100.00	78.47

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I.7.C.2 Air Vehicles - Technical

Base Name	<i>Digital Models and Simulations</i>	<i>Measurement Facilities</i>	<i>Integration Labs</i>	<i>Hardware- In-The-Loop</i>	<i>Installed Systems Test Facilities</i>	<i>Open Air Ranges</i>	<i>Technical Value</i>
	I.7.C.2.a	I.7.C.2.b	I.7.C.2.c	I.7.C.2.d	I.7.C.2.e	I.7.C.2.f	I.7.C.2
Eglin AFB	0.00	100.00	0.00	100.00	0.00	81.08	62.43

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II FACILITIES AVAILABILITY and CONDITION

*Mission Support
Facilities* *On Base Housing* *Airspace
Encroachment* *Air Quality* *Overall*

Base Name	II.1	II.2	II.3	II.4	II
Eglin AFB	Green	Yellow	Green -	Green	Green -

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

II.1 Mission Support Facilities

	<i>Facilities Capacity</i>	<i>Facilities Condition Buildings</i>	<i>Facilities Condition Infrastructure</i>	<i>Unique Facilities</i>	<i>Utility Capacity</i>	<i>Facilities</i>
Base Name	II.1.A	II.1.B	II.1.C	II.1.D	II.1.E	II.1
Eglin AFB	Green	Green -	Green -	Green	Green	Green

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II.2 ON BASE HOUSING

Base Name	II.2.A	II.2.B	II.2
Eglin AFB	Yellow	Yellow	Yellow

Housing Capacity

Housing Condition

On Base Housing

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II.3 AIRSPACE ENCROACHMENT

Base Name	Existing Associated Airspace II.3.A	Future Associated Airspace II.3.B	Existing Local Flying Area II.3.C	Future Local Flying Area II.3.D	Existing Local Community II.3.E	Future Local Community II.3.F	ENCROACHMENT II.3
Eglin AFB	Green	Green	Green	Green	Yellow +	Yellow +	Green -

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II.3.A EXISTING ASSOCIATED AIRSPACE

Base Name	MOAs and Restricted Airspace	Bombing Ranges Drop Zones	Low Level Routes	Associated Airspace
Base Name	II.3.A.1	II.3.A.2	II.3.A.3	II.3.A
Eglin AFB	Green	Green	Green	Green

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II.3.B FUTURE ASSOCIATED AIRSPACE

Base Name	<i>MOAs and Restricted Airspace</i> II.3.B.1	<i>Bombing Ranges Drop Zones</i> II.3.B.2	<i>Low Level Routes</i> II.3.B.3	<i>Associated Airspace</i> II.3.B
Eglin AFB	Green	Green	Green	Green

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

II.3.E EXISTING LOCAL COMMUNITY ENCROACHMENT

	<i>Clear Zone</i>	<i>Accident Potential Zone I</i>	<i>Accident Potential Zone II</i>	<i>Noise Contour 65-70 Ldn</i>	<i>Noise Contour 70-75 Ldn</i>	<i>Noise Contour 75-80 Ldn</i>	<i>Noise Contour 80 Ldn and above</i>	<i>Existing Local</i>
Base Name	II.3.E.1	II.3.E.2	II.3.E.3	II.3.E.4	II.3.E.5	II.3.E.6	II.3.E.7	II.3.E
Eglin AFB	Green	Green -	Green -	Green	Green	Yellow	Yellow	Yellow +

INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

II.6 FUTURE LOCAL COMMUNITY ENCROACHMENT

	<i>Clear Zone</i>	<i>Accident Potential Zone I</i>	<i>Accident Potential Zone II</i>	<i>Noise Contour 65-70 Ldn</i>	<i>Noise Contour 70-75 Ldn</i>	<i>Noise Contour 75-80 Ldn</i>	<i>Noise Contour 80 Ldn and above</i>	<i>Future Local</i>
Base Name	II.3.F.1	II.3.F.2	II.3.F.3	II.3.F.4	II.3.F.5	II.3.F.6	II.3.F.7	II.3.F
Eglin AFB	Green	Green -	Green -	Green	Yellow	Yellow	Yellow	Yellow +

INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

II.4 AIR QUALITY

Attainment Status *Restrictions* *Future Growth* *Air Quality*

Base Name	II.4.A	II.4.B	II.4.C	II.4
Eglin AFB	Green	Green	Green	Green

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory
III CONTINGENCY, MOBILITY, and DEPLOYMENT REQUIREMENTS

Base Name	III.1	III.2	III.3	III.4	III.5	III.6	III.7	III
Eglin AFB	Yellow	Green	Green	Red	Green	Green	Green	Green -

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III.7 GEOGRAPHIC LOCATION

*Ground Force
Installation*

Rail Access

Port Facility

*Geographic
Location*

Base Name	III.7.A	III.7.B	III.7.C	III.7
Eglin AFB	Green	Green	Green	Green

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

IV/V Cost and Manpower Implications/Return on Investment

Base Name	<i>One Time Costs (Closing)</i>	<i>20 Year Net Present Value</i>	<i>Steady State Savings</i>	<i>Manpower Savings</i>	<i>Return On Investment</i>
Eglin AFB	1805	427	117	2138	21

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VI Economic Impact

Base Name	<i>Economic Area Employment (93)</i>	<i>Direct Job Loss (Current BRAC)</i>	<i>Indirect Job Loss (Current BRAC)</i>	<i>Previous Job Loss (Prior BRACs)</i>	<i>Total Job Loss (Current BRAC)</i>	<i>Percent Job Loss (Current BRAC)</i>	<i>Cumulative Loss (All BRACs)</i>	<i>Percent Job Loss (All BRACs)</i>
Eglin AFB	86,772	13,778	8,308	-	22,086	25.5%	-	-

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VI Economic Impact - Community Statistics

Base Name		<i>Population (1992 Census)</i>	<i>Per Capita Income (1991)</i>	<i>1984-1991 Average Income Increase</i>
Eglin AFB	Fort Walton Beach, FL MSA	153,000	\$17,656	5.7%

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VI Economic Impact - Unemployment Statistics

Base Name	<i>Economic Statistical Area</i>	<i>Unemployment (10 Year Average)</i>	<i>Unemployment (3 Year Average)</i>	<i>Unemployment (1993)</i>
Eglin AFB	Fort Walton Beach, FL MSA	6.2%	6.5%	6.2%

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VII COMMUNITY

	<i>Off-Base Housing</i>	<i>Transportation</i>	<i>Off-Base Recreation</i>	<i>Shopping Mall</i>	<i>Metro Center</i>	<i>Local Area Crime Rate</i>	<i>Education</i>	<i>Employment Opportunities</i>	<i>Local Medical Care</i>	<i>Overall</i>
Base Name	VII.1	VII.2	VII.3	VII.4	VII.5	VII.6	VII.7	VII.8	VII.9	VII
Eglin AFB	Yellow	Green -	Green -	Green	Green	Green	Green	Green	Green	Green -

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

VII.1 OFF-BASE HOUSING

Affordable *Suitable* *Off-Base Housing*

Base Name	VII.1.A	VII.1.B	VII.1
Eglin AFB	Yellow	Yellow	Yellow

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VII.2 TRANSPORTATION

	<i>Public Transportation</i>	<i>Municipal Airport Proximity</i>	<i>Municipal Airport Carriers</i>	<i>Commute Time to Work</i>	<i>Transportation</i>
Base Name	VII.2.A	VII.2.B	VII.2.C	VII.2.D	VII.2
Eglin AFB	Red	Green	Green	Green	Green -

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

VII.3 OFF-BASE RECREATION

Swimming Pool *Movie Theater* *Public Golf Course* *Bowling Lane* *Boating* *Fishing* *Zoo*

Base Name	VII.3.A	VII.3.B	VII.3.C	VII.3.D	VII.3.E	VII.3.F	VII.3.G
Eglin AFB	Green						

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VII.3 OFF-BASE RECREATION (Cont.)

	<i>Aquarium</i>	<i>Theme Park</i>	<i>Professional Sports</i>	<i>College Sports</i>	<i>Camping Facilities</i>	<i>Beaches</i>	<i>Winter Sports</i>	<i>Off-Base Recreation</i>
Base Name	VII.3.H	VII.3.I	VII.3.J	VII.3.K	VII.3.L	VII.3.M	VII.3.N	VII.3
Eglin AFB	Green	Green	Red	Green	Green	Green	Red	Green -

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VII.6 LOCAL AREA CRIME RATE

Violent Crime Rate *Property Crime Rate* *Local Area Crime Rate*

Base Name	VII.6.A	VII.6.B	VII.6
Eglin AFB	Green	Green	Green

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VII.7 EDUCATION

Pupil Teacher Ratio *Four Year Programs* *Honors Programs* *College Attendance* *Off-base Education* *Education*

Base Name	VII.7.A	VII.7.B	VII.7.C	VII.7.D	VII.7.E	VII.7
Eglin AFB	Yellow	Green	Green	Green	Green	Green

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VII.7.E OFF-BASE EDUCATION

*Vocational /
Tech College* *Undergraduate
College* *Graduate
College* *Off-Base
Education*

Base Name	VII.7.E.1	VII.7.E.2	VII.7.E.3	VII.7.E
Eglin AFB	Green	Green	Green	Green

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VII.9 LOCAL MEDICAL CARE

Physicians

Hospital Beds

Local Medical Care

Base Name	VII.9.A	VII.9.B	VII.9
Eglin AFB	Green	Green	Green

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VIII ENVIRONMENTAL IMPACT

	<i>Water</i>	<i>Asbestos</i>	<i>Biological</i>	<i>Cultural</i>	<i>Installation Restoration Program</i>	<i>Overall</i>
Base Name	VIII.1	VIII.2	VIII.3	VIII.4	VIII.5	VIII
Eglin AFB	Green	Red	Red +	Red	Yellow	Yellow

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VIII.3 BIOLOGICAL

	<i>Habitat</i>	<i>Threatened and Endangered Species</i>	<i>Wetlands</i>	<i>Floodplains</i>	<i>Biological</i>
Base Name	VIII.3.A	VIII.3.B	VIII.3.C	VIII.3.D	VIII.3
Eglin AFB	Red	Red	Red	Yellow	Red +

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ANALYSIS RESULTS at TIERING (19 Oct)

The following grades and data reflect the information on which the BCEG members based their tiering determination. Information in this chart was updated as the result of a number of factors between initial tiering and final recommendations.

Base Name	<i>Overall Mission Requirements</i>	<i>Facilities and Infrastructure</i>	<i>Contingency and Mobility</i>	<i>Costs and Manpower Implications</i>	<i>Return on Investment</i>	<i>Economic Impact</i>	<i>Community</i>	<i>Environmental Impact</i>
Base Name	I	II	III	IV	V	VI	VII	VIII
Eglin AFB	Green	Green	Green -	1,805/ 427	21	23,341 (35.9%)	Green -	Yellow

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INDUSTRIAL/TECHNICAL SUPPORT - TEST FACILITY Subcategory

TIERING OF BASES

As an intermediate step in the Air Force Process, the BCEG members established the following tiering of bases based on the relative merit of bases within the subcategory as measured using the eight selection criteria. Tier I represents the highest relative merit,

TIER I

Eglin AFB

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