

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

**OVERVIEW:** The Product Centers and Laboratories subcategory consists of bases that conduct research, development, and acquisition functions requiring specialized and expensive facilities. Bases in the Product Centers and Laboratories subcategory are:

Brooks AFB, Texas

Hanscom AFB, Massachusetts

Kirtland AFB, New Mexico

Los Angeles AFB, California

Rome Lab, New York

Wright-Patterson AFB, Ohio

**ATTRIBUTES:** Important attributes of product centers and laboratories:

- Population of highly skilled personnel
- Unique geographical and climatological features
- Need for in-house capability and Air Force preeminence in the subject work
- Specialized equipment and facilities
- Administrative space

**SPECIAL ANALYSIS METHOD:** Although the Product Center and Laboratory 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 Laboratory Joint Cross Service Group (LJCSG) to take advantage of available 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 LJCSG relating to the functional capabilities of product center and laboratory common support functions.

The Air Force BCEG appointed a special Base Closure Working Group Subgroup to develop a means of analyzing the Product Center and Laboratory functions. That Subgroup briefed the BCEG on its proposed analytical method, received BCEG approval, and conducted the analysis in accordance with the method.

Criterion I for Product Center and Laboratory bases was split into two parts. The first part was a rolled up rating of the product center and laboratory functional analysis. This rating was represented by a color and resulted from rolling up the color grades from each of five measures of merit (Priority, Workload, Personnel, Facilities and Equipment, and Location.) The Air Force, attempting to keep its analysis close to the LJCSG analysis, used the data and measures of merit developed by the LJCSG to the maximum extent possible in developing its functional analysis. The measures of merit developed for the Product Center and Laboratory base analysis were designed to capture those elements that reflected the relative capabilities of those types

UNCLASSIFIED

## **INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory**

of activities. In some cases, the standard deviation grading scheme was used to develop grades for the subelements of the measures of merit. For others, a specific goalpost was used to determine the grade.

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 rolled-up grade constituted the Operational Grade portion of the Criterion I overall grade. Bases without runways were given a Red grade for the operational portion of Criterion I, recognizing the lack of flexibility and other mission support such an installation could provide. On the other hand, because a runway is not essential to the mission of the bases in this subcategory, the two parts of Criterion I were not rolled together into an overall grade. This allowed the BCEG members individually to consider the importance to be given to that factor. 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.

The Air Force was also tasked to provide a "military value" of lab 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. In addition to the installation values, the Air Force also forwarded tiering by lab and product center activity only, corresponding to the special Criterion I analysis performed for the lab and product center bases. Because the lab activities did not correlate to the installations, separate tierings were provided. The following values were forwarded to the Laboratory Joint Group:

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

<u>Base</u>	<u>Installation Tiering</u>
Brooks AFB	3
Edwards AFB	1
Eglin AFB	1
Hanscom AFB	1
Hill AFB	1
Kelly AFB	3
Kirtland AFB	2
Los Angeles AFB	2
McClellan AFB	3
Mesa, AZ, Armstrong Lab	3
Peterson AFB	1
Robins AFB	2
Rome Lab, Rome, NY	1
San Bernadino, CA	3
Tinker AFB	1
Tyndall AFB	2
Wright-Patterson AFB	1

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

<u>Lab/Product Center</u>	<u>Lab Activity Tiering</u>	<u>Product Center Tiering</u>
Armstrong Lab, Brooks AFB	2	
Armstrong Lab, Mesa, AZ	2	
Armstrong Lab, Wright-Patterson AFB	1	
Philips Lab, Hanscom AFB	1	
Philips Lab, Kirtland AFB	1	
Rome Lab, Hanscom AFB	1	
Rome Lab, Rome, NY	1	
Wright Lab, Wright-Patterson AFB	1	
ASC (Mod), Wright-Patterson AFB		2
ASC (SPO), Wright-Patterson AFB		1
ESC, Hanscom AFB		1
Human Systems Center, Brooks AFB		2
SMC, San Bernadino		2
Space & Missile Systems Center, Los Angeles AFB		2

The Air Force was also directed to provide an analysis of various alternatives provided by the Joint Group and the chairman's staff. The Air Force provided an analysis of the alternatives, comparing them with the Air Force analysis, performed a functional feasibility review, and participated in COBRA analysis accomplished by the losing Service. . The following alternatives were analyzed:

<u>Description of Alternative</u>	<u>COBRA Analysis</u> (One-time costs, NPV, ROI)	<u>Functional Assessment</u>
Air to Air and Air to Ground Weapons: Consolidate RDT&E at China Lake	Incomplete data from Navy precluded COBRA analysis	Eglin AFB is the best alternative to host this work, based on an analysis of the Lab and T&E JCSG data. Eglin AFB has the full capability and capacity to satisfy requirements, and leverages collocated S&T, EMD, T&E, operational testing, and user participation. Additionally, significant joint activity already takes place at Eglin (e.g. AMRAAM, JDAM).

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

<u>Description of Alternative</u>	<u>COBRA Analysis</u> (One-time costs, NPV, ROI)	<u>Functional Assessment</u>
Air Vehicles: Consolidation of RDT&E at "core" T&E installations at Edwards AFB, NAWC Patuxent River, Arnold EDC, and Yuma Proving Ground	None	No Air Vehicle R&D activity considered for realignment or closure. No further assessment required per DDR&E Memo #4, LJCSG Alternatives
Airborne C4I: Consolidate NCCOSC, NRL, and China Lake work at ESC-Hanscom AFB and CERDEC-Ft Monmouth	No request for data from Navy	The Air Force believes substantial synergy would result from this move.
C4I Airborne: Collocate Rome Lab-Griffiss work at Rome Lab-Hanscom AFB	Intra-Air Force move	Most suitable intra-AF realignment of Rome Lab; however, the Air Force recommends a combination of this option and the next one as most beneficial to DoD.
C4I: Realign Rome Lab, Rome, NY, to combination of NRaD, Ft Monmouth, Ft Belvoir, and Wright Lab, Wright-Patterson AFB or Hanscom AFB	\$52M, (\$102M), 4 yrs	Most suitable "joint-only" realignment of Rome Lab; however, the Air Force recommends a combination of this option and the previous one as most beneficial to DoD.
C4I: Realign ESC and Rome Lab Hanscom AFB to Ft Monmouth	\$441M, (\$107M), 11 yrs	No match of product lines, product technical characteristics, or technical infrastructure
C4I: Realign SPAWAR to Ft Monmouth or Hanscom AFB	Navy to perform COBRA	The Air Force believes substantial synergy would result in this move.
Conventional Missiles and Rockets: Collocate ASC and Wright Lab - Eglin AFB at MRDEC-RSA or China Lake	\$11M, (\$10M), 100+ yrs	Both China Lake and MERDEC are unsuitable as a host for this work. See Air to Air and Air to Ground Weapons discussion above
Directed Energy Weapons: Collocate ARL-ADELPHI work at Phillips Lab-Kirtland AFB	Army to perform COBRA	The Air Force believes substantial synergy would result in this move.
Electronic Devices: Collocate Wright Lab-Wright-Patterson AFB work at Rome Lab-Hanscom AFB	Intra - Air Force move	This move would break as many interconnects as it creates

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

<u>Description of Alternative</u>	<u>COBRA Analysis</u> (One-time costs, NPV, ROI)	<u>Functional Assessment</u>
Electronic Devices: Collocate Wright Lab-Wright-Patterson AFB work at ARL-ADELPHI	\$31M, \$53M, Never	Functional value difference is due to organizational structure
Energetics - Explosives: Consolidate at China Lake and Picatinny	Incomplete data received from Navy precluded COBRA analysis	Eglin AFB is the best alternative to host this work, based on an analysis of the Lab and T&E JCSG data. Eglin AFB has the full capability and capacity to satisfy requirements, and leverages collocated S&T, EMD, T&E, operational testing, and user participation. Additionally, significant joint activity already takes place at Eglin (e.g. AMRAAM, JDAM).
Energetics - Propellants: Consolidate RDT&E at China Lake	Incomplete data received from Navy precluded COBRA analysis	Phillips Lab at Edwards AFB is the best alternative to host this work, based on an analysis of the Lab and T&E JCSG data. Phillips Lab has full Science & Technology capability/capacity, as well as significantly higher capital investment in its facilities than China Lake.
Fixed C4I: Collocate ESC-Hanscom AFB work at NCCOSC	\$3.9M, \$6.4M, Never	No match of product lines, product technical characteristics, or technical infrastructure
Fixed Flight Substems: Collocate HSC-Brooks AFB work at ASC-Wright-Patterson AFB	Intra-Air Force move	Some synergy possible
Fixed Propulsion: Consolidate NAWC-PAX & China Lake at Wright Lab-Wright-Patterson AFB	No request for data received from the Navy	The Air Force believes substantial synergy could result from this move
Fixed Wing: Collocate AVRDEC-STL work at ALC-Tinker AFB	Army to perform COBRA	The Air Force believes substantial synergy could result from this move.
Fixed Wing: Collocate MRDEC-RSA work at ASC-Wright-Patterson AFB	Army to perform COBRA	The Air Force believes substantial synergy could result from this move.
Ground Control System: Collocate NRL work at SMC-Los Angeles AFB	No request for data received from the Navy	SMC-LA lacks available capacity to host this work.

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

<u>Description of Alternative</u>	<u>COBRA Analysis</u> (One-time costs, NPV, ROI)	<u>Functional Assessment</u>
Guns and Ammo: Collocate ASC and Wright Lab - Eglin work at ARDEC-PICATINNY	\$0.3M, \$0.5M, Never	The Air Force will continue to support Army as Reliance lead in this CSF
Mobile C4I: Collocate ESC-Hanscom AFB work at CERDEC-Ft Monmouth	\$1M, \$0.9M, 100+ yrs	This move would break as many interconnects as it creates
Satellite: Consolidate NRL, NCCOSC, and Dahlgren work at SMC-Los Angeles AFB	NRL only request received from Navy. Navy to perform COBRA	This move would break as many interconnects as it creates
Satellites: Collocate Phillips Lab-Edwards AFB at Phillips Lab-Kirtland AFB	Intra-Air Force move	The nature of the test facilities at Phillips Lab, Edwards, makes this option not feasible for consideration
Space Launch Vehicles: Collocate Phillips Lab-Edwards AFB at SMC-Los Angeles AFB	Intra-Air Force move	Propulsion Science and Technology work is not compatible with the location of Los Angeles AFB in the downtown Los Angeles area
Training Systems: Collocate Armstrong Lab-Brooks and Armstrong Lab-Williams (Mesa, AZ) at Orlando, Florida	No data received from Navy - COBRA analysis not available	Changes in Orlando have reduced necessary resources for these activities.

The Air Force continued to discuss possible realignment and closures options concerning laboratory activities with the Laboratory Joint Group throughout the process.

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

**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	-		II.1 Facilities Base	40%		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			II.3 Encroachment (Airfield)	10%		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.4 EXCLUDED	N/A		II.4 Air Quality	40%		VII.10 thru VII.14 EXCLUDED	N/A
I.5 Laboratory Evaluation	-		II.5 and II.6 EXCLUDED	N/A			
I.6 and I.7 EXCLUDED	N/A						

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**OVERALL**

*Flying Operations*  
*Product Center/  
Lab Evaluation*  
*Facilities and  
Infrastructure*  
*Contingency  
and Mobility*  
*Costs and  
Manpower  
Implications*  
*Return on  
Investment*  
*Economic  
Impact*  
*Community*  
*Environmental  
Impact*

Base Name	I.1	I.5	II	III	IV	V	VI	VII	VIII
Brooks AFB	Red	Yellow	Green -	Red +	246/-78	10	7,777 (1.1%)*	Green -	Red +
Hanscom AFB	Red	Green -	Yellow +	Red +	421/-158	9	20,737 (0.9%)*	Green -	Yellow +
Kirtland AFB	Yellow +	Green -	Yellow +	Yellow	448/-469	6	21,433 (6.6%)	Green -	Green -
Los Angeles AFB	Red	Yellow +	Yellow	Red +	450/-142	10	24,984 (0.5%)*	Yellow	Green -
Rome Lab	Red	Green -	Green -	Red +	134/ 112	100+	10,344 (6.7%)*	Yellow +	Yellow +
Wright-Patterson AFB	Yellow +	Green -	Yellow +	Green -	1,567/ 834	49	49,809 (9.3%)*	Green -	Yellow -

UNCLASSIFIED

# INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

## I.1 MISSION REQUIREMENTS - FLYING

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

<b>Base Name</b>	<b>I.1.A</b>	<b>I.1.B</b>	<b>I.1.C</b>	<b>I.1</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	<b>Red</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	<b>Red</b>
<b>Kirtland AFB</b>	Green -	Yellow +	Red	<b>Yellow +</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	<b>Red</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	<b>Red</b>
<b>Wright-Patterson AFB</b>	Yellow +	Yellow +	Green	<b>Yellow +</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**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
Brooks AFB	No Grade	No Grade	No Grade	No Grade	No Grade
Hanscom AFB	No Grade	No Grade	No Grade	No Grade	No Grade
Kirtland AFB	Yellow +	Green -	Green -	Green	Green -
Los Angeles AFB	No Grade	No Grade	No Grade	No Grade	No Grade
Rome Lab	No Grade	No Grade	No Grade	No Grade	No Grade
Wright-Patterson AFB	Yellow	Green -	Yellow +	Yellow +	Yellow +

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.1.A.1 FIGHTER MISSION OPERATIONAL EFFECTIVENESS**

<b>Base Name</b>	<b><i>Geographic Location</i></b>	<b><i>Training Areas</i></b>	<b><i>Airspace/Training Area Growth</i></b>	<b><i>Composite Force Training</i></b>	<b><i>Fighter Effectiveness</i></b>
<b>Base Name</b>	<b>I.1.A.1.a</b>	<b>I.1.A.1.b</b>	<b>I.1.A.1.c</b>	<b>I.1.A.1.d</b>	<b>I.1.A.1</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Green -	Yellow -	Yellow	Green	<b>Yellow +</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Green -	Red +	Yellow	Red	<b>Yellow</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

<b>Base Name</b>	<b>I.1.A.1.a.1</b>	<b>I.1.A.1.a.2</b>	<b>I.1.A.1.a.3</b>	<b>I.1.A.1.a.4</b>	<b>I.1.A.1.a.5</b>	<b>I.1.A.1.a.6</b>	<b>I.1.A.1.a.7</b>	<b>I.1.A.1.a</b>
<b>Brooks AFB</b>	No Grade	<b>No Grade</b>						
<b>Hanscom AFB</b>	No Grade	<b>No Grade</b>						
<b>Kirtland AFB</b>	Yellow	Green	Green	Red	Green	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	<b>No Grade</b>						
<b>Rome Lab</b>	No Grade	<b>No Grade</b>						
<b>Wright-Patterson AFB</b>	Green	Green	Yellow	Red	Green	Green	Green	<b>Green -</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

*Supersonic Air  
Combat MOAs*

*Other Air Combat  
MOAs*

*Low Altitude  
MOAs*

*Scorable Range  
Complexes*

*Electronic Combat  
Ranges*

<b>Base Name</b>	<b>I.1.A.1.b.1</b>	<b>I.1.A.1.b.2</b>	<b>I.1.A.1.b.3'</b>	<b>I.1.A.1.b.4</b>	<b>I.1.A.1.b.5</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Red	Yellow	Yellow	Red	Green
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Red	Red	Red	Red	Green

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**  
**I.1.A.1.b FIGHTER MISSION - TRAINING AREAS (Cont.)**  
**(Tactical Employment, Ranges and Routes)**

<b>Base Name</b>	<b>I.1.A.1.b.6</b>	<b>I.1.A.1.b.7</b>	<b>I.1.A.1.b.8</b>	<b>I.1.A.1.b.9</b>	<b>I.1.A.1.b</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Red	Red	Green	Yellow	<b>Yellow -</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Yellow	Red	Green	Yellow	<b>Red +</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.1.A.2 BOMBER MISSION OPERATIONAL EFFECTIVENESS**

*Geographic  
Location*      *Training Areas*      *Airspace/Training  
Area Growth*      *Bomber  
Effectiveness*

<b>Base Name</b>	<b>I.1.A.2.a</b>	<b>I.1.A.2.b</b>	<b>I.1.A.2.c</b>	<b>I.1.A.2</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Green -	Green	Yellow	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Green -	Green -	Yellow	<b>Green -</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

<b>Base Name</b>	<b>I.1.A.2.a.1</b>	<b>I.1.A.2.a.2</b>	<b>I.1.A.2.a.3</b>	<b>I.1.A.2.a.4</b>	<b>I.1.A.2.a.5</b>	<b>I.1.A.2.a.6</b>	<b>I.1.A.2.a</b>
<b>Brooks AFB</b>	No Grade	<b>No Grade,</b>					
<b>Hanscom AFB</b>	No Grade	<b>No Grade</b>					
<b>Kirtland AFB</b>	Green	Green	Red	Green	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	<b>No Grade</b>					
<b>Rome Lab</b>	No Grade	<b>No Grade</b>					
<b>Wright-Patterson AFB</b>	Green	Green	Red	Green	Green	Green	<b>Green -</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**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>
	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
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Green	Green	Green	Green	Green	Green	Green
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Yellow	Green	Yellow	Green	Green	Green	Green -

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.1.A.3 TANKER MISSION OPERATIONAL EFFECTIVENESS**

<b>Base Name</b>	<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>
<b>Base Name</b>	<b>I.1.A.3.a</b>	<b>I.1.A.3.b</b>	<b>I.1.A.3.c</b>	<b>I.1.A.3.d</b>	<b>I.1.A.3.e</b>	<b>I.1.A.3.f</b>	<b>I.1.A.3.g</b>	<b>I.1.A.3.h</b>	<b>I.1.A.3</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Green	Green	Red	Green	Green	Yellow	Green	Green	Green -
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Green	Green	Red	Green	Green	Red	Green	Green	Yellow +

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory  
I.1.A.4 AIRLIFT MISSION OPERATIONAL EFFECTIVENESS**

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

<b>Base Name</b>	<b>I.1.A.4.a</b>	<b>I.1.A.4.b</b>	<b>I.1.A.4</b>
<b>Brooks AFB</b>	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Green	Green -	<b>Green</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Yellow +	Yellow	<b>Yellow +</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

<b>Base Name</b>	<b>I.1.A.4.a.1</b>	<b>I.1.A.4.a.2</b>	<b>I.1.A.4.a.3</b>	<b>I.1.A.4.a.4</b>	<b>I.1.A.4.a.5</b>	<b>I.1.A.4.a.6</b>	<b>I.1.A.4.a</b>
<b>Brooks AFB</b>	No Grade	No Grade					
<b>Hanscom AFB</b>	No Grade	No Grade					
<b>Kirtland AFB</b>	Green	Green	Red	Green	Green	Green	Green
<b>Los Angeles AFB</b>	No Grade	No Grade					
<b>Rome Lab</b>	No Grade	No Grade					
<b>Wright-Patterson AFB</b>	Green	Green	Red	Green	Green	Yellow	Yellow +

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### 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
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Green	Green	Green	Yellow	Green	Red	Red
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Red	Red	Red	Green	Red	Red	Red

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

*Airdrop  
Employment*

*Full Scale  
Airdrop*

*Air Refueling  
Routes*

*Training Areas*

<b>Base Name</b>	<b>I.1.A.4.b.8</b>	<b>I.1.A.4.b.9</b>	<b>I.1.A.4.b.10</b>	<b>I.1.A.4.b</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Green	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Green	Yellow	Green	<b>Yellow</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.1.B ASSOCIATED AIRSPACE**

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

<b>Base Name</b>	<b>I.1.B.1</b>	<b>I.1.B.2</b>	<b>I.1.B</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Yellow +	Green -	Yellow +
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Yellow +	Green -	Yellow +

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.1.B.1 EXISTING AVAILABILITY and ENCROACHMENT**

*Military Operating  
Areas/ Ranges*

*Military Training  
Routes*

*Existing  
Availability*

<b>Base Name</b>	<b>I.1.B.1.a</b>	<b>I.1.B.1.b</b>	<b>I.1.B.1</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Yellow	Green	Yellow +
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Yellow	Green	Yellow +

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory  
I.1.B.2 FUTURE AVAILABILITY and ENCROACHMENT**

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

<b>Base Name</b>	<b>I.1.B.2.a</b>	<b>I.1.B.2.b</b>	<b>I.1.B.2</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Yellow	Green	Green -
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Yellow	Green	Green -

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

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

*Fighter Mission*      *Bomber Mission*      *Tanker Mission*      *Airlift Mission*      *Airfield Capabilities*

<b>Base Name</b>	<b>I.1.C.1</b>	<b>I.1.C.2</b>	<b>I.1.C.3</b>	<b>I.1.C.4</b>	<b>I.1.C</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Red	Red	Red	Red	Red
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Green	Green	Green	Green	Green

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.5 MISSION REQUIREMENTS - PRODUCT CENTERS and LABS**

	<i>Priority</i>	<i>Workload</i>	<i>Personnel</i>	<i>Facilities</i>	<i>Location</i>	<i>Overall by Facility</i>	<i>Facility Workload</i>	<i>Overall</i>
<b>Base / Facility Name</b>	<b>I.5.A</b>	<b>I.5.B</b>	<b>I.5.C</b>	<b>I.5.D</b>	<b>I.5.E</b>			<b>I.5</b>
<b>Brooks AFB/ Armstrong Lab</b>	Yellow +	Yellow -	Yellow +	Yellow +	Yellow -	Yellow	77%	<b>Yellow</b>
<b>Brooks AFB/ Human Systems Center</b>	Yellow +	Yellow -	Yellow	Yellow +	Yellow -	Yellow	23%	
<b>Hanscom AFB/ Electronic Systems Center</b>	Green	Green	Green -	Yellow +	Yellow -	Green -	84%	<b>Green -</b>
<b>Hanscom AFB/ Phillips Lab</b>	Yellow +	Yellow -	Green -	Yellow +	Yellow -	Yellow	14%	<b>Green -</b>
<b>Hanscom AFB/ Rome Lab</b>	Green	Yellow	Green -	Yellow +	Yellow -	Yellow +	4%	
<b>Kirtland AFB/ Phillips Lab</b>	Green	Yellow +	Yellow +	Green	Yellow	Green -	100%	
<b>Los Angeles AFB/ Space &amp; Missile Center</b>	Green -	Green -	Green -	Yellow +	Yellow -	Yellow +	100%	<b>Yellow +</b>
<b>Rome Lab</b>	Green	Green -	Yellow +	Green -	Yellow -	Green -	100%	<b>Green -</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)</b>	Yellow +	Yellow -	Yellow	Yellow +	Yellow	Yellow	4%	<b>Green -</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)</b>	Green -	Green	Green	Green	Yellow	Green -	64%	
<b>Wright-Patterson AFB/ Armstrong Lab</b>	Yellow +	Yellow +	Yellow +	Yellow +	Yellow -	Yellow +	5%	
<b>Wright-Patterson AFB/ Wright Lab</b>	Green -	Green	Green -	Green	Yellow	Green -	27%	

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.5.A PRODUCT CENTERS and LABS - Priority**

<b>Base / Facility Name</b>	<i>Budget</i>	<i>Need for Pre-eminence</i>	<i>Need for In-house Capability</i>	<i>Priority</i>
	<b>I.5.A.1</b>	<b>I.5.A.2</b>	<b>I.5.A.3</b>	<b>I.5.A</b>
<b>Brooks AFB/ Armstrong Lab</b>	Green	Yellow -	Yellow -	<b>Yellow +</b>
<b>Brooks AFB/ Human Systems Center</b>	Green	Yellow -	Yellow -	<b>Yellow +</b>
<b>Hanscom AFB/ Electronic Systems Center</b>	Green	Green	Green	<b>Green</b>
<b>Hanscom AFB/ Phillips Lab</b>	Green	Yellow -	Yellow +	<b>Yellow +</b>
<b>Hanscom AFB/ Rome Lab</b>	Green	Green	Green	<b>Green</b>
<b>Kirtland AFB/ Phillips Lab</b>	Green	Green	Green -	<b>Green</b>
<b>Los Angeles AFB/ Space &amp; Missile Center</b>	Green	Green -	Yellow +	<b>Green -</b>
<b>Rome Lab</b>	Green	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)</b>	Green	Yellow +	Yellow	<b>Yellow +</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)</b>	Green	Green -	Yellow +	<b>Green -</b>
<b>Wright-Patterson AFB/ Armstrong Lab</b>	Green	Yellow -	Yellow -	<b>Yellow +</b>
<b>Wright-Patterson AFB/ Wright Lab</b>	Green	Yellow +	Yellow +	<b>Green -</b>

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### I.5.B PRODUCT CENTERS and LABS - Workload

Base / Facility Name	<i>Actual Workload (FY93)</i>	<i>Number of Projects</i>	<i>Direct Funding</i>	<i>Workload</i>
Base / Facility Name	I.5.B.1	I.5.B.2	I.5.B.3	I.5.B
<b>Brooks AFB/ Armstrong Lab</b>	Yellow +	No Grade	Red	<b>Yellow -</b>
<b>Brooks AFB/ Human Systems Center</b>	Red +	Yellow +	Yellow -	<b>Yellow -</b>
<b>Hanscom AFB/ Electronic Systems Center</b>	Green -	Green	Green	<b>Green</b>
<b>Hanscom AFB/ Phillips Lab</b>	Yellow	No Grade	Yellow -	<b>Yellow -</b>
<b>Hanscom AFB/ Rome Lab</b>	Yellow -	No Grade	Yellow	<b>Yellow</b>
<b>Kirtland AFB/ Phillips Lab</b>	Green	No Grade	Yellow	<b>Yellow +</b>
<b>Los Angeles AFB/ Space &amp; Missile Center</b>	Green	Yellow	Green	<b>Green -</b>
<b>Rome Lab</b>	Yellow +	No Grade	Green	<b>Green -</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)</b>	Yellow -	Yellow -	Red +	<b>Yellow -</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)</b>	Green	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB/ Armstrong Lab</b>	Yellow	No Grade	Green -	<b>Yellow +</b>
<b>Wright-Patterson AFB/ Wright Lab</b>	Green	No Grade	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.5.C PRODUCT CENTERS and LABS - Personnel**

Base / Facility Name	<i>Total Personnel</i>	<i>Average Education</i>	<i>Average Experience</i>	<i>Average Patents Held</i>	<i>Average Papers Published</i>	<i>Personnel</i>
	I.5.C.1	I.5.C.2	I.5.C.3	I.5.C.4	I.5.C.5	I.5.C
Brooks AFB/ Armstrong Lab	Yellow +	Green -	Yellow	Yellow	Yellow	Yellow +
Brooks AFB/ Human Systems Center	Red +	Green -	Yellow +	No Grade	No Grade	Yellow
Hanscom AFB/ Electronic Systems Center	Green -	Green	Green -	No Grade	No Grade	Green -
Hanscom AFB/ Phillips Lab	Yellow	Green	Green	Yellow	Green	Green -
Hanscom AFB/ Rome Lab	Yellow -	Green	Green	Green	Green	Green -
Kirtland AFB/ Phillips Lab	Green	Green	Yellow -	Yellow	Yellow	Yellow +
Los Angeles AFB/ Space & Missile Center	Green	Yellow +	Yellow +	No Grade	No Grade	Green -
Rome Lab	Green -	Green -	Green -	Yellow	Red +	Yellow +
Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)	Yellow -	Yellow -	Green -	No Grade	No Grade	Yellow
Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)	Green	Green -	Green	No Grade	No Grade	Green
Wright-Patterson AFB/ Armstrong Lab	Yellow	Green	Yellow +	Yellow +	Yellow -	Yellow +
Wright-Patterson AFB/ Wright Lab	Green	Green -	Green -	Green -	Green	Green -

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### I.5.D PRODUCT CENTERS and LABS - Facilities

Base / Facility Name	<i>Major Facilities and Equipment</i>	<i>Land Use (Buildable Acres)</i>	<i>Facilities</i>
Base / Facility Name	I.5.D.1	I.5.D.2	I.5.D
Brooks AFB/ Armstrong Lab,	Yellow	Green	Yellow +
Brooks AFB/ Human Systems Center	Yellow	Green	Yellow +
Hanscom AFB/ Electronic Systems Center	Yellow	Green	Yellow +
Hanscom AFB/ Phillips Lab	Yellow	Green	Yellow +
Hanscom AFB/ Rome Lab	Yellow	Green	Yellow +
Kirtland AFB/ Phillips Lab	Green	Green	Green
Los Angeles AFB/ Space & Missile Center	Yellow +	Yellow	Yellow +
Rome Lab	Yellow +	Green	Green -
Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)	Yellow	Green	Yellow +
Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)	Green	Green	Green
Wright-Patterson AFB/ Armstrong Lab	Yellow	Green	Yellow +
Wright-Patterson AFB/ Wright Lab	Green	Green	Green

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**I.5.E PRODUCT CENTERS and LABS - Location**

<b>Base / Facility Name</b>	<i>Interconnectivity</i> <b>I.5.E.1</b>	<i>Geographic and Climatological</i> <b>I.5.E.2</b>	<i>Special Support Infrastructure</i> <b>I.5.E.3</b>	<i>Proximity to Mission Related Orgs</i> <b>I.5.E.4</b>	<i>Location</i> <b>I.5.E</b>
<b>Brooks AFB/ Armstrong Lab</b>	Yellow	Red	Red	Green	<b>Yellow -</b>
<b>Brooks AFB/ Human Systems Center</b>	Red	Red	Red	Green	<b>Yellow -</b>
<b>Hanscom AFB/ Electronic Systems Center</b>	Yellow	Red	Red	Green	<b>Yellow -</b>
<b>Hanscom AFB/ Phillips Lab</b>	Red	Red	Red	Green	<b>Yellow -</b>
<b>Hanscom AFB/ Rome Lab</b>	Red	Red	Red	Green	<b>Yellow -</b>
<b>Kirtland AFB/ Phillips Lab</b>	Red	Green	Red	Green	<b>Yellow</b>
<b>Los Angeles AFB/ Space &amp; Missile Center</b>	Yellow	Red	Red	Green	<b>Yellow -</b>
<b>Rome Lab</b>	Red	Red	Red	Green	<b>Yellow -</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (Mod Ctr)</b>	Green	Red	Red	Green	<b>Yellow</b>
<b>Wright-Patterson AFB/ Aeronautical Systems Center (SPOs)</b>	Green	Red	Red	Green	<b>Yellow</b>
<b>Wright-Patterson AFB/ Armstrong Lab</b>	Red	Red	Red	Green	<b>Yellow -</b>
<b>Wright-Patterson AFB/ Wright Lab</b>	Green	Red	Red	Green	<b>Yellow</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II FACILITIES AVAILABILITY and CONDITION**

<b>Base Name</b>	<b>II.1</b>	<b>II.2</b>	<b>II.3</b>	<b>II.4</b>	<b>II</b>
<b>Brooks AFB</b>	Yellow +	Green -	No Grade	Green -	Green -
<b>Hanscom AFB</b>	Yellow +	Yellow +	No Grade	Yellow +	Yellow +
<b>Kirtland AFB</b>	Green -	Yellow -	Green -	Yellow +	Yellow +
<b>Los Angeles AFB</b>	Yellow	Green -	No Grade	Yellow -	Yellow
<b>Rome Lab</b>	Green -	Green	No Grade	Yellow +	Green -
<b>Wright-Patterson AFB</b>	Green -	Yellow +	Green	Yellow -	Yellow +

*Mission Support  
Facilities*

*On Base Housing*

*Airspace  
Encroachment*

*Air Quality*

*Overall*

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II.1 Mission Support Facilities**

<b>Base Name</b>	<b>II.1.A</b>	<b>II.2.B</b>	<b>II.2.C</b>	<b>II.2.D</b>	<b>II.2.E</b>	<b>II.2</b>
<b>Brooks AFB</b>	Yellow	Yellow	Green -	Green	Green	<b>Yellow +</b>
<b>Hanscom AFB</b>	Yellow	Yellow	Yellow +	Green	Green	<b>Yellow +</b>
<b>Kirtland AFB</b>	Green	Yellow	Yellow	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	Yellow	Red +	Yellow	Green	Green	<b>Yellow</b>
<b>Rome Lab</b>	Yellow	Green	Green	Green	Green	<b>Green -</b>
<b>Wright-Patterson AFB</b>	Green	Yellow	Yellow -	Green	Green	<b>Green -</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II.2 ON BASE HOUSING**

<b>Base Name</b>	<i>Housing Capacity</i> <b>II.2.A</b>	<i>Housing Condition</i> <b>II.2.B</b>	<i>On Base Housing</i> <b>II.2</b>
<b>Brooks AFB</b>	Yellow	Green	<b>Green -</b>
<b>Hanscom AFB</b>	Red	Green	<b>Yellow +</b>
<b>Kirtland AFB</b>	Green	Red	<b>Yellow -</b>
<b>Los Angeles AFB</b>	Yellow	Green	<b>Green -</b>
<b>Rome Lab</b>	Green	No Grade	<b>Green</b>
<b>Wright-Patterson AFB</b>	Green	Yellow	<b>Yellow +</b>

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### II.3 AIRSPACE ENCROACHMENT

<b>Base Name</b>	<i>Existing Associated Airspace</i> <b>II.3.A</b>	<i>Future Associated Airspace</i> <b>II.3.B</b>	<i>Existing Local Flying Area</i> <b>II.3.C</b>	<i>Future Local Flying Area</i> <b>II.3.D</b>	<i>Existing Local Community</i> <b>II.3.E</b>	<i>Future Local Community</i> <b>II.3.F</b>	<b>II.3</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Green -	Green -	Green	Green	Green -	Green -	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Green	Green	Yellow	Yellow	Green	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II.3.A EXISTING ASSOCIATED AIRSPACE**

*MOAs and  
Restricted Airspace*

*Bombing Ranges  
Drop Zones*

*Low Level  
Routes*

*Associated  
Airspace*

<b>Base Name</b>	<b>II.3.A.1</b>	<b>II.3.A.2</b>	<b>II.3.A.3</b>	<b>II.3.A</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Kirtland AFB</b>	Yellow	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Rome Lab</b>	No Grade	No Grade	No Grade	<b>No Grade</b>
<b>Wright-Patterson AFB</b>	Green	Green	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II.3.B FUTURE ASSOCIATED AIRSPACE**

<b>Base Name</b>	<b>MOAs and Restricted Airspace II.3.B.1</b>	<b>Bombing Ranges Drop Zones II.3.B.2</b>	<b>Low Level Routes II.3.B.3</b>	<b>Associated Airspace II.3.B</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Yellow	Green	Green	Green -
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Green	Green	Green	Green

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### II.3.E EXISTING LOCAL COMMUNITY ENCROACHMENT

*Clear Zone*     
 *Accident Potential Zone I*     
 *Accident Potential Zone II*     
 *Noise Contour 65-70 Ldn*     
 *Noise Contour 70-75 Ldn*     
 *Noise Contour 75-80 Ldn*     
 *Noise Contour 80 Ldn and above*     
 *Existing Local*

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
Brooks AFB	No Grade							
Hanscom AFB	No Grade							
Kirtland AFB	Red	Yellow	Yellow	Green	Green	Green	Green	Green -
Los Angeles AFB	No Grade							
Rome Lab	No Grade							
Wright-Patterson AFB	Green	Green	Green -	Green	Green	Green	Green	Green

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory  
II.3.F 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>
<b>Base Name</b>	<b>II.3.F.1</b>	<b>II.3.F.2</b>	<b>II.3.F.3</b>	<b>II.3.F.4</b>	<b>II.3.F.5</b>	<b>II.3.F.6</b>	<b>II.3.F.7</b>	<b>II.3.F</b>
<b>Brooks AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Hanscom AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Kirtland AFB</b>	Red	Yellow	Yellow	Green	Green	Green	Green	Green -
<b>Los Angeles AFB</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Rome Lab</b>	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade	No Grade
<b>Wright-Patterson AFB</b>	Green	Green	Green -	Green	Green	Green	Green	Green

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**II.4 AIR QUALITY**

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

<b>Base Name</b>	<b>II.4.A</b>	<b>II.4.B</b>	<b>II.4.C</b>	<b>II.4</b>
<b>Brooks AFB</b>	Green	Yellow	Green	<b>Green -</b>
<b>Hanscom AFB</b>	Red	Green	Yellow	<b>Yellow +</b>
<b>Kirtland AFB</b>	Yellow	Green	Yellow	<b>Yellow +</b>
<b>Los Angeles AFB</b>	Red	Red	Yellow	<b>Yellow -</b>
<b>Rome Lab</b>	Yellow	Green	Yellow	<b>Yellow +</b>
<b>Wright-Patterson AFB</b>	Yellow	Yellow	Red	<b>Yellow -</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**III CONTINGENCY, MOBILITY, and DEPLOYMENT REQUIREMENTS**

<b>Base Name</b>	<b>III.1</b>	<b>III.2</b>	<b>III.3</b>	<b>III.4</b>	<b>III.5</b>	<b>III.6</b>	<b>III.7</b>	<b>III</b>
<b>Brooks AFB</b>	Red	Red	Red	Red	Red	Red	Yellow +	Red +
<b>Hanscom AFB</b>	Red	Red	Red	Red	Red	Green	Yellow -	Red +
<b>Kirtland AFB</b>	Yellow	Green	Red	Red	Green	Green	Yellow -	Yellow
<b>Los Angeles AFB</b>	Red	Red	Red	Red	Red	Red	Green	Red +
<b>Rome Lab</b>	Red	Red	Red	Red	Red	Red	Yellow +	Red +
<b>Wright-Patterson AFB</b>	Green	Green	Green	Green	Red	Green	Yellow +	Green -

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**III.7 GEOGRAPHIC LOCATION**

*Ground Force  
Installation*

*Rail Access*

*Port Facility*

*Geographic  
Location*

<b>Base Name</b>	<b>III.7.A</b>	<b>III.7.B</b>	<b>III.7.C</b>	<b>III.7</b>
<b>Brooks AFB</b>	Green	Green	Red	<b>Yellow +</b>
<b>Hanscom AFB</b>	Red	Green	Red	<b>Yellow -</b>
<b>Kirtland AFB</b>	Red	Green	Red	<b>Yellow -</b>
<b>Los Angeles AFB</b>	Green	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Green	Green	Red	<b>Yellow +</b>
<b>Wright-Patterson AFB</b>	Green	Green	Red	<b>Yellow +</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory  
IV/V Cost and Manpower Implications/Return on Investment**

*One Time Costs  
(Closing)*      *20 Year Net  
Present Value*      *Steady State  
Savings*      *Manpower  
Savings*      *Return On  
Investment*

<b>Base Name</b>	<b>IV.1</b>	<b>IV.2</b>			<b>V</b>
<b>Brooks AFB</b>	<b>246</b>	<b>-78</b>	<b>28</b>	<b>438</b>	<b>10</b>
<b>Hanscom AFB</b>	<b>421</b>	<b>-158</b>	<b>50</b>	<b>744</b>	<b>9</b>
<b>Kirtland AFB</b>	<b>448</b>	<b>-469</b>	<b>81</b>	<b>1492</b>	<b>6</b>
<b>Los Angeles AFB</b>	<b>450</b>	<b>-142</b>	<b>50</b>	<b>325</b>	<b>10</b>
<b>Rome Lab</b>	<b>134</b>	<b>112</b>	<b>1</b>	<b>5</b>	<b>100+</b>
<b>Wright-Patterson AFB</b>	<b>1567</b>	<b>834</b>	<b>64</b>	<b>2029</b>	<b>49</b>

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### 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>
<b>Brooks AFB</b>	730,857	3,654	4,182	-59	7,836	1.1%	7,777	1.1%
<b>Hanscom AFB</b>	2,373,945	6,811	11,612	2,314	18,423	0.8%	20,737	0.9%
<b>Kirtland AFB</b>	327,209	10,915	10,518	-	21,433	6.6%	-	-
<b>Los Angeles AFB</b>	4,989,503	6,257	12,031	6,696	18,288	0.4%	24,984	0.5%
<b>Rome Lab</b>	154,638	1,641	1,633	7,070	3,274	2.1%	10,344	6.7%
<b>Wright-Patterson AFB</b>	536,415	22,233	27,702	-126	49,935	9.3%	49,809	9.3%

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VI Economic Impact - Community Statistics**

<b>Base Name</b>	<b>Economic Statistical Area</b>	<b>Population (1992 Census)</b>	<b>Per Capita Income (1991)</b>	<b>1984-1991 Average Income Increase</b>
<b>Brooks AFB</b>	San Antonio, TX MSA	1,377,000	\$17,284	4.6%
<b>Hanscom AFB</b>	Middlesex-Norfolk-Plymouth-Suffolk-Essex Co, MA	3,763,000	\$25,911	5.9%
<b>Kirtland AFB</b>	Bernalillo County, NM	499,000	\$18,582	4.8%
<b>Los Angeles AFB</b>	Los Angeles - Long Beach, CA PMSA	9,053,000	\$21,434	4.1%
<b>Rome Lab</b>	Utica - Rome, NY MSA	318,000	\$16,870	5.1%
<b>Wright-Patterson AFB</b>	Dayton - Springfield, OH MSA	959,000	\$19,413	5.2%

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VI Economic Impact - Unemployment Statistics**

<b>Base Name</b>	<b>Economic Statistical Area</b>	<b>Unemployment (10 Year Average)</b>	<b>Unemployment (3 Year Average)</b>	<b>Unemployment (1993)</b>
<b>Brooks AFB</b>	San Antonio, TX MSA	6.7%	6.2%	5.6%
<b>Hanscom AFB</b>	Middleset-Norfolk-Plymouth-Suffolk-Essex Co, MA	4.9%	7.5%	6.3%
<b>Kirtland AFB</b>	Bernalillo County, NM	5.8%	5.5%	6.6%
<b>Los Angeles AFB</b>	Los Angeles - Long Beach, CA PMSA	7.0%	9.1%	9.7%
<b>Rome Lab</b>	Utica - Rome, NY MSA	6.3%	7.0%	6.4%
<b>Wright-Patterson AFB</b>	Dayton - Springfield, OH MSA	6.1%	5.9%	5.5%

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII COMMUNITY**

<b>Base Name</b>	<i>Off-Base Housing</i> <b>VII.1</b>	<i>Transportation</i> <b>VII.2</b>	<i>Off-Base Recreation</i> <b>VII.3</b>	<i>Shopping Mall</i> <b>VII.4</b>	<i>Metro Center</i> <b>VII.5</b>	<i>Local Area Crime Rate</i> <b>VII.6</b>	<i>Education</i> <b>VII.7</b>	<i>Employment Opportunities</i> <b>VII.8</b>	<i>Local Medical Care</i> <b>VII.9</b>	<b>VII</b>
<b>Brooks AFB</b>	Yellow	Green -	Green	Green	Green	Yellow -	Green	Green	Yellow	Green -
<b>Hanscom AFB</b>	Yellow -	Yellow +	Green	Green	Green	Green -	Green	Yellow	Green	Green -
<b>Kirtland AFB</b>	Yellow	Green -	Green -	Green	Green	Red	Green	Green	Green	Green -
<b>Los Angeles AFB</b>	Red	Yellow +	Green	Yellow	Green	Yellow -	Green	Red	Green	Yellow
<b>Rome Lab</b>	Yellow -	Green -	Green	Yellow	Green	Green	Green	Yellow	Red	Yellow +
<b>Wright-Patterson AFB</b>	Green -	Green	Green	Green	Green	Yellow	Green	Yellow	Green	Green -

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.1 OFF-BASE HOUSING**

*Affordable*

*Suitable*

*Off-Base Housing*

<b>Base Name</b>	<b>VII.1.A</b>	<b>VII.1.B</b>	<b>VII.1</b>
<b>Brooks AFB ,</b>	Yellow	Yellow	<b>Yellow</b>
<b>Hanscom AFB</b>	Red	Yellow	<b>Yellow -</b>
<b>Kirtland AFB</b>	Yellow	Yellow	<b>Yellow</b>
<b>Los Angeles AFB</b>	Red	Red	<b>Red</b>
<b>Rome Lab</b>	Yellow	Red	<b>Yellow -</b>
<b>Wright-Patterson AFB</b>	Yellow	Green	<b>Green -</b>

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.2 TRANSPORTATION**

<b>Base Name</b>	<i>Public Transportation</i> <b>VII.2.A</b>	<i>Municipal Airport Proximity</i> <b>VII.2.B</b>	<i>Municipal Airport Carriers</i> <b>VII.2.C</b>	<i>Commute Time to Work</i> <b>VII.2.D</b>	<i>Transportation</i> <b>VII.2</b>
<b>Brooks AFB</b>	Green	Green	Green	Yellow	<b>Green -</b>
<b>Hanscom AFB</b>	Green	Green	Green	Red	<b>Yellow +</b>
<b>Kirtland AFB</b>	Green	Green	Green	Yellow	<b>Green -</b>
<b>Los Angeles AFB</b>	Green	Green	Green	Red	<b>Yellow +</b>
<b>Rome Lab</b>	Green	Green	Red	Green	<b>Green -</b>
<b>Wright-Patterson AFB</b>	Green	Green	Green	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.3 OFF-BASE RECREATION**

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

<b>Base Name</b>	<b>VII.3.A</b>	<b>VII.3.B</b>	<b>VII.3.C</b>	<b>VII.3.D</b>	<b>VII.3.E</b>	<b>VII.3.F</b>	<b>VII.3.G</b>
<b>Brooks AFB</b>	Green						
<b>Hanscom AFB</b>	Green						
<b>Kirtland AFB</b>	Green	Green	Green	Green	Red	Green	Green
<b>Los Angeles AFB</b>	Green						
<b>Rome Lab</b>	Green						
<b>Wright-Patterson AFB</b>	Green						

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.3 OFF-BASE RECREATION (Cont.)**

<b>Base Name</b>	<b>VII.3.H</b>	<b>VII.3.I</b>	<b>VII.3.J</b>	<b>VII.3.K</b>	<b>VII.3.L</b>	<b>VII.3.M</b>	<b>VII.3.N</b>	<b>VII.3</b>
<b>Brooks AFB</b>	Green	Green	Green	Green	Green	Green	Red	<b>Green</b>
<b>Hanscom AFB</b>	Green	<b>Green</b>						
<b>Kirtland AFB</b>	Red	Green	Green	Green	Green	Green	Green	<b>Green -</b>
<b>Los Angeles AFB</b>	Yellow	Green	Green	Green	Green	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Red	Green	Green	Green	Green	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB</b>	Green	<b>Green</b>						

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.6 LOCAL AREA CRIME RATE**

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

<b>Base Name</b>	<b>VII.6.A</b>	<b>VII.6.B</b>	<b>VII.6</b>
<b>Brooks AFB</b>	Yellow	Red	<b>Yellow -</b>
<b>Hanscom AFB</b>	Yellow	Green	<b>Green -</b>
<b>Kirtland AFB</b>	Red	Red	<b>Red</b>
<b>Los Angeles AFB</b>	Red	Yellow	<b>Yellow -</b>
<b>Rome Lab</b>	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB</b>	Yellow	Yellow	<b>Yellow</b>

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.7 EDUCATION**

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

<b>Base Name</b>	<b>VII.7.A</b>	<b>VII.7.B</b>	<b>VII.7.C</b>	<b>VII.7.D</b>	<b>VII.7.E</b>	<b>VII.7</b>
<b>Brooks AFB</b>	Green	Green	Green	Green	Green	<b>Green</b>
<b>Hanscom AFB</b>	Green	Green	Green	Green	Green	<b>Green</b>
<b>Kirtland AFB</b>	Green	Green	Green	Yellow	Green	<b>Green</b>
<b>Los Angeles AFB</b>	Yellow	Green	Green	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Yellow	Green	Green	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB</b>	Green	Green	Green	Yellow	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.7.E OFF-BASE EDUCATION**

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

<b>Base Name</b>	<b>VII.7.E.1</b>	<b>VII.7.E.2</b>	<b>VII.7.E.3</b>	<b>VII.7.E</b>
<b>Brooks AFB</b>	Green	Green	Green	<b>Green</b>
<b>Hanscom AFB</b>	Green	Green	Green	<b>Green</b>
<b>Kirtland AFB</b>	Green	Green	Green	<b>Green</b>
<b>Los Angeles AFB</b>	Green	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Green	Green	Green	<b>Green</b>
<b>Wright-Patterson AFB</b>	Green	Green	Green	<b>Green</b>

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VII.9 LOCAL MEDICAL CARE**

*Physicians*

*Hospital Beds*

*Local Medical  
Care*

<b>Base Name</b>	<b>VII.9.A</b>	<b>VII.9.B</b>	<b>VII.9</b>
<b>Brooks AFB</b>	Red	Green	<b>Yellow</b>
<b>Hanscom AFB</b>	Green	Green	<b>Green</b>
<b>Kirtland AFB</b>	Green	Green	<b>Green</b>
<b>Los Angeles AFB</b>	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Red	Red	<b>Red</b>
<b>Wright-Patterson AFB</b>	Green	Green	<b>Green</b>

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VIII ENVIRONMENTAL IMPACT**

<b>Base Name</b>	<b>Water</b> VIII.1	<b>Asbestos</b> VIII.2	<b>Biological</b> VIII.3	<b>Cultural</b> VIII.4	<b>Installation Restor- ation Program</b> VIII.5	<b>Overall</b> VIII
<b>Brooks AFB</b>	Red	Red	Yellow -	Yellow	Red	<b>Red +</b>
<b>Hanscom AFB</b>	Green	Yellow	Yellow -	Green	Red	<b>Yellow +</b>
<b>Kirtland AFB</b>	Green	Yellow	Green -	Yellow	Yellow	<b>Green -</b>
<b>Los Angeles AFB</b>	Green	Red	Green	Yellow	Yellow	<b>Green -</b>
<b>Rome Lab</b>	Green	Red	Yellow	Green	Red	<b>Yellow +</b>
<b>Wright-Patterson AFB</b>	Yellow	Red	Red	Yellow	Red	<b>Yellow -</b>

UNCLASSIFIED

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES Subcategory**

**VIII.3 BIOLOGICAL**

*Habitat*      *Threatened and  
Endangered Species*      *Wetlands*      *Floodplains*      *Biological*

<b>Base Name</b>	<b>VIII.3.A</b>	<b>VIII.3.B</b>	<b>VIII.3.C</b>	<b>VIII.3.D</b>	<b>VIII.3</b>
<b>Brooks AFB</b>	Green	Green	Red	Red	<b>Yellow -</b>
<b>Hanscom AFB</b>	Yellow	Green	Red	Yellow	<b>Yellow -</b>
<b>Kirtland AFB</b>	Red	Green	Green	Yellow	<b>Green -</b>
<b>Los Angeles AFB</b>	Yellow	Green	Green	Green	<b>Green</b>
<b>Rome Lab</b>	Yellow	Yellow	Yellow	Yellow	<b>Yellow</b>
<b>Wright-Patterson AFB</b>	Red	Red	Red	Red	<b>Red</b>

UNCLASSIFIED

## INDUSTRIAL/TECHNICAL SUPPORT - PRODUCT CENTERS and LABORATORIES Subcategory

### ANALYSIS RESULTS at TIERING (20 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.

	<i>Flying Operations</i>	<i>Product Center/ Lab Evaluation</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.1	I.5	II	III	IV	V	VI	VII	VIII
<b>Brooks AFB</b>	Red	Yellow	Green -	Red +	246/-78	10	7,723 (1.2%)	Green -	Red +
<b>Hanscom AFB</b>	Red	Green -	Yellow +	Red +	421/-158	9	18,769 (1.0%)*	Green -	Yellow +
<b>Kirtland AFB</b>	Yellow +	Green -	Yellow +	Yellow	448/-469	6	20,364 (8.0%)	Green -	Green -
<b>Los Angeles AFB</b>	Red	Yellow +	Yellow	Red +	450/-142	10	22,935 (0.6%)*	Yellow	Green -
<b>Rome Lab</b>	Red	Yellow +	Green -	Red +	134/ 112	100+	10,931 (8.2%)*	Yellow +	Yellow +
<b>Wright-Patterson AFB</b>	Yellow +	Green -	Yellow +	Green -	1,567/ 834	49	52,399 (11.9%)	Green -	Yellow -

UNCLASSIFIED

**INDUSTRIAL/TECHNICAL SUPPORT -  
PRODUCT CENTERS and LABORATORIES 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**

Hanscom AFB

Rome Lab

Wright-Patterson AFB

**TIER II**

Kirtland AFB

Los Angeles AFB

**TIER III**

Brooks AFB

UNCLASSIFIED