

May 5, 1995

Alan J. Dixon
Chairman
Base Realignment and Closure Commission
1700 North Moore Street
Arlington, Virginia 22209

Dear Chairman Dixon:

The undersigned are former United States Air Force Chief Scientists. In our prior capacities as the Air Force's senior scientific representatives, we have had the opportunity to work with and appreciate the military value of Rome Laboratory to the Air Force, the Department of Defense, and the country. Therefore, we are driven to write you this letter, expressing our grave concerns regarding the Department of Defense recommendation to relocate most of Rome Laboratory to Hanscom Air Force Base and Fort Monmouth.

We understand that the Department of Defense must operate in an environment of shrinking resources, and is under considerable pressure to downsize. Notwithstanding those pressures, this proposed action is a judgment call with which we disagree. Our reasons for disagreement are set forth below.

1. Rome Laboratory is a Unique and Irreplaceable Resource; Movement Will Severely Damage That Resource

Rome Laboratory is an important Command, Control, Communications, Computers, and Intelligence (C4I) resource. The proposed movement will severely damage that resource. The Lab undertakes some unique and outstanding activities that ought to be preserved. For example, the Intelligence directorate, in addition to conducting research, develops devices and systems that are critical to the Air Force. The Photonics laboratory conducts "leading edge" research with a fine collection of personnel ranging from experienced scientists, to recent recipients of doctoral degrees, to doctoral candidates. The latter are students at Cornell University and Syracuse University.

The greatest strength of a laboratory is its people. Any move of Rome Laboratory will cause senior people -- who provide the Laboratory its leadership -- to take retirement. Some key junior people, like those at the Photonics laboratory, are likely to opt to stay at their respective universities to pursue their doctorates.

2. The Move Will Damage the Laboratory's Central Mission

The core mission of Rome Laboratory's the advancement of the research and development of C4I. The very existence of the term "C4I" implies the integrated nature of this field of inquiry. Yet the Department of Defense recommendation proposes the breakup of Rome Laboratory's C4I team. For instance, the recommendation contemplates such dislocations as the move of the Space Communications unit to Hanscom, while the rest of the Communications department is to go to Fort Monmouth. Modern military communications networks depend on the ability of ground, radio, and space communications systems to "talk to each other." Ensuring that that happens depends on the ability of scientists working in these related fields to exchange information regularly, share laboratory space, and exchange personnel. This will be prevented if the proposed move occurs.

The implications for the Air Force are profound: no other function ranks as highly as C4I in the eyes of senior military and civilian leaders, as evidenced by the repeated statements to that effect made by the Commanders in Chief of the unified commands, the Chairman of the Joint Chiefs of Staff, the Secretary and Undersecretary of Defense, and the Director of Defense Research and Engineering, as well as in resolutions made by both houses of Congress. Indeed, the Department of Defense's recommendation to break up the Laboratory acknowledges the importance of the Laboratory's mission: the recommendation was not made for the purpose of reducing excess capacity, otherwise the Department would not have suggested moving the capability.

3. Damage Done Will Take Years to Rebuild

The Department of Defense has suggested that any difficulties encountered will be justified by a reduction in administrative costs and by the benefit of new synergies that will develop among the services and with the universities surrounding the Hanscom and Fort Monmouth sites. We believe this is an inadequate justification for these reasons:

- There is little logic to breaking up an organization that works very well to see if it will work better in a different configuration. In our experience, the break up and movement of technical organizations is rarely successful and often leads to the loss of capability.
- Scientific synergies -- whether between services or between the academic and industrial laboratories -- take years to develop, because they are highly dependent on personal relationships and the growth of a sense of professional respect among researchers. Thus, even if research collaborations are possible in the new locations, they will take years to develop.
- We are told that the costs and savings attributable to this proposed action have been incorrectly calculated. In our experience, out year cost savings estimated for such moves are rarely achieved.

- Evidence of the truth of the above statements includes the Navy's declining to participate in the proposed action, and both the Army and Navy declining to participate in other pre-recommendation proposed relocations of C4I capability.
- Finally, movement of the Laboratory will have a devastating impact on the Rome community.

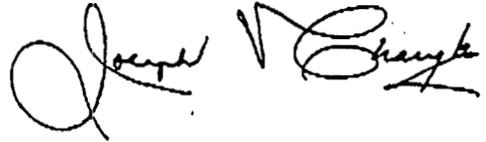
* * * * *

Our recommendation is to keep Rome Laboratory in Rome, New York. Rather than undertake the proposed action, we suggest that the nation would be better served if the Commission were to challenge the New York State Technology Enterprise Corporation and the Rome community to find a method whereby existing administrative costs could be reduced to a level where the Department of Defense would not feel compelled to recommend this drastic action, and the Laboratory could function efficiently, supplying the Air Force with useful advanced technology systems.

Sincerely,



Dr. George R. Abrahamson



Dr. Joseph V. Charyk



Dr. F. Robert Naka



Dr. H. Guyford Stever



Dr. Michael I. Yarymovych

SURVIVORS GROUP INC

4659 S. 36th St, Suite A
Arlington, VA 22206

FAX COVER PAGE

To: Dick Helmer		From : Paul G. Freund	
Fax Number : 696-0550		Company : Survivors Group, Inc.	
Date : 6/7/95	Time : 9:05:40	For Information Call: 703-578-9715	
Subject :		Fax Number : 703-578-3586	

Dick,

Here is what we got from AF/RT today. Yours should be coming today.

JUL-07-1995 07:16 FROM HQ USAF REACTION AND TRANS 10

*78-95160110 F 001 005

Commodity	Initial Cost	Certified Cost	Delta	Rationale
Communications	10.135	4.939	5.196	Rome Laboratory estimates included migration to their five year standard base architecture plan that has not been achieved at Rome, NY. The certified estimate includes the costs to achieve the current capabilities of the existing systems at Rome, NY. Thus, the certified estimate does not include upgrading all computers, hardware, software, network systems (including all new fiber optic cabling), and video capability for all desktop users. It does, however, include connection to the existing Hanscom AFB network backbone (as opposed to a new backbone specifically for Rome Lab). In addition, administrative and R&D LAN requirements were reduced to the projected personnel authorizations relocating rather than the present Rome Laboratory personnel authorizations. Finally, ISDN telephone lines projected at Hanscom AFB are consistent with ESC customer usage and internal access is available at Hanscom AFB at no cost

Request 3 A detail of the 65 positions remaining at Rome Laboratory after the closure action is completed.

Answer 3. The detailed breakout of the 65 positions remaining at the Rome, NY facility is as follows:

Personnel Type	Number of Personnel
Mission	18
Test Sites (5 Sites)	18
Mission Support Staff	41
Security	17
Modeling & Fabrication	18
Other*	6

Doesn't add

* Other includes Supply, Contract Maint, CE Tech Support, etc.

JUN-07-1995 09:15 FROM HQ USAF REACTION AND TRAINS TO

*01-95160110 0.000.005



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC

06 JUN 1995

MEMORANDUM FOR ROME LABORATORY COMMUNITY TASK FORCE (Mr. Franco)

FROM: HQ USAF/RT

SUBJECT: Rome Laboratory Questions from 01 Jun 95 Meeting

Thank you for the opportunity to clarify the Rome Laboratory closure action. Your requests and the associated answers are provided below:

Request 1. Breakout of specific positions eliminated in the refined COBRA (93 positions)

Answer 1. In order to understand Rome Laboratory manpower authorizations, it is necessary to understand the context from which they evolve. At the time of the 1993 BRAC, Rome Laboratory was operating under the specific rules governing host (Griffiss AFB) and tenant (Rome Laboratory) manpower authorizations. Tenants are required to use those functions which are available on the host facility and the tenant's workload is then included in the calculations for the host's manpower for common functions (e.g., Military Personnel). Where the tenant generates unique workload (e.g., R&D contracting, specialized accounting/budgeting systems), the tenant must provide its own manpower. Thus, Rome Laboratory, while using some accounting, legal, and procurement services provided by the host bomb wing, also had its own procurement, legal, and financial organizations to handle the workload specifically required to support the R&D mission.

In some cases, the specialized laboratory support manpower requirement is minimal (e.g., 5 in JAG, 2 in Safety, 4 in PA). However, some of the laboratory support staff requirements are relatively large (e.g., 23 in Comptroller, 11 in Contracting, 20 in Laboratory Supply (LCMA)). The 93 personnel authorization savings for Rome Laboratory is projected to result from moving Rome Laboratory from a "stand alone" configuration that includes significant manpower for both base operations and support (BOS) and laboratory support staff at Rome, NY into existing bases with an infrastructure already configured to support laboratory R&D missions.

As a result of the laboratory's special support requirements, the Laboratory makes a distinction between traditional BOS and laboratory support. These distinctions are not uniformly accepted, nor are they particularly important outside of their role in ensuring proper support for the laboratory. The manpower savings occurs because of consolidation of stand alone operations onto bases that have "normal" and laboratory specific support functions in place. As a result, some previously required staff operations can be merged into the existing functions at the gaining bases. The manpower offices at Rome Laboratory and Electronic Systems Center developed an estimate of 93 positions eliminated due to this consolidation. Recognizing the magnitude of the

personnel reductions throughout DoD, the elimination of 93 positions against a personnel baseline of 955 is a relatively conservative estimate.

The BOS savings were estimated by subtracting the BOS required to be moved to support the Rome Laboratory functions (63) from the stand alone BOS of 107 projected for 97/4 in the Unit Manning Document (UMD). The projected requirement represents a 9% BOS tail for positions being realigned to Hanscom AFB and Ft Monmouth. This calculation yields a savings of 107-63 or 44 BOS positions eliminated due to the proposed realignment.

The support staff savings due to consolidation efficiencies were estimated based on the number of laboratory support staff (not IOS or mission) positions that will be eliminated (from those slated to go to Hanscom AFB and Ft Monmouth) to support anticipated civilian personnel reductions. This estimate is currently 49 positions. The estimated number of Rome Laboratory support staff positions projected for 97/4 from the Unit Manning Document (UMD) is well over 200, so this is a reduction of about 25%. Considering the availability of laboratory support staff at Hanscom AFB and Ft Monmouth, a savings of this magnitude is attainable.

Request 2. The difference and rationale for the reduction of communication and equipment costs as provided by Rome Laboratory and as scrubbed by AFMC ultimately used in the refined COBRA?

Answer 2. The tables below show the differences between the equipment and communications costs initially submitted by Rome Laboratory and the data certified by the ESC Inspector General for use by the Air Force Base Realignment and Closure Office (HQ USAF/RT) to estimate the closure costs.

Commodity	Initial Cost	Certified Cost	Delta	Rationale
Equipment	10.186	7.429	2.757	Rome Laboratory identified the requirement to construct a fabrication and modeling shop at both Hanscom AFB and Ft Monmouth including costs for new equipment at each location. Both locations have existing fabrication and modeling shops with capabilities to support the Rome Laboratory requirements. In addition, the Rome Laboratory estimate included purchasing full sets of support equipment rather than supplementing the existing equipment pools at each location.

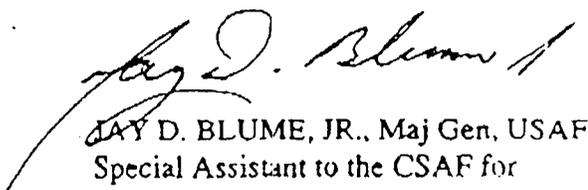
JUN-07-1985 00:15 FROM HQ USAF REALIGN AND TRANS TO

*7#-35160110 FLOODS OUT

4

BOS	6
TOTAL	65

I trust these responses will prove helpful. My point of contact for this action is Captain R. Curtis McNeil, AF/RT, DSN 225-6766.


JAY D. BLUME, JR., Maj Gen, USAF
Special Assistant to the CSAF for
Realignment & Transition



DEFENSE BASE CLOSURE
AND REALIGNMENT COMMISSION

Suite 1425
1700 North Moore Street
Arlington, Virginia 22209

FAX COVER SHEET

DATE:

4/18/95

TO: COL. MICHAEL G. JONES.

FAX #:

(703)

693-9322

FROM: DICK HELMER DBCRC

NUMBER OF PAGES (including cover): 3

CONTENTS: QUESTIONS IN THE MAIL.



DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION
1700 NORTH MOORE STREET SUITE 1425
ARLINGTON, VA 22209
703-696-0504

April 18, 1995

Colonel Michael G. Jones
Director, The Army Basing Study
200 Army Pentagon
Washington, D.C. 20310-0200

Dear Colonel Jones:

The Cross Service Team has completed its visit to Fort Monmouth, New Jersey, as part of reviewing the Secretary of Defense's decision to close Rome Laboratory and realign certain of its functions and related personnel positions there. I would appreciate your responses to the following questions raised during the base visit and data review by May 2, 1995.

Electronic Technology Device Laboratory/
Army Research Laboratory

The 1991 Base Closure and Realignment Commission directed the Electronic Technology Device Laboratory (ETDL) to move from Fort Monmouth to Adelphi, Maryland, to establish the Combat Materiel Technology Laboratory [(renamed the Army Research Laboratory (ARL) in 1992)]. The Air Force is planning to relocate Rome Laboratory to space currently occupied by ETDL in the Myer Center.

1. What are ETDL's functions, including all C4I functions and the reliability function, by directorate and the number of authorized personnel positions that are to be transferred from Fort Monmouth, as part of BRAC 1991?
2. How much space (gross and net square feet per authorized personnel position) will ETDL vacate at Fort Monmouth and how much of it is in the Myer Center?
3. How much total excess space (gross and net square feet) will there be in the Myer Center after ETDL leaves?
4. When will ETDL have vacated its space in the Myer Center?
5. How much space (gross and net square feet) does the Army plan to provide Rome Lab at Fort Monmouth by location?

6. What Army and/or DoD C4I research and development functions, including the reliability function, will remain at Fort Monmouth after ETDL leaves and before Rome Laboratory moves in?
7. What C4I joint cross service functions will reside at Fort Monmouth if the realignment of Rome Lab is implemented as recommended by the Secretary of Defense?
8. How much space (gross and net square feet) is being provided for ETDL for how many personnel at ARL in Adelphi in newly constructed facilities vice renovated facilities, and at what cost for each? When will these facilities be available for ETDL to move in?
9. What is the current estimated cost to build and equip ARL's new Microelectronics Laboratory at Adelphi and how much space (gross and net square feet per person) will it provide?

If you need any clarification of these questions, please contact Dick Helmer, the Cross Service Team Analyst.

I appreciate your assistance and cooperation.

Sincerely,



Edward A. Brown III
Army Team Leader

EB/ch

Rome Lab

Directorate of Operations, 26 Electronics Pkwy.

Rome, NY 13441-4514

FAX

Date: 6/6/95

Number of pages including cover sheet: 10

To:

Dick Helmer

Defense Base Closure and
Realignment Commission

1700 N. Moore Street

Suite 1425

Arlington, VA 22209

Phone: 703 696-0504

Fax phone: 703 696-0550

CC:

From:

Dan Bollana

Phone Comm 315 330-4321

Fax Comm 315 330-3909

Phone: DSN 587-4321

Fax phone: DSN 587-3909

e-mail address: bollana@rl.af.mil

REMARKS:

Urgent

For your review

Reply ASAP

Please comment

Mr. Helmer,

As we spoke, attached is information on modeling/fabrication shop, off-base sites, recurring costs, and personnel relocations.

If you have any questions or need additional information, please call either me or Jean Iselo (315-330-3402).

6 Jun 95

Dick,

Thanks for the updated package on the AF program budget estimate. I still don't understand the rationale on the Geophysics people, where they're going to and how the space could be used? I noticed on the maps that they (ESC) have now separated the lab into 7 facilities on Hanscom AFB as opposed to 5 previously. The manpower impact worksheet doesn't make sense either without any back-up. As far as we could gather is this:

Rome Lab was allocated, by AFMC/ST, a reduction of 220 positions between 1994 and 2001 as result of Defense Program Guidance (DPG)/96 POM reduction and the "Dorn" reduction. Rome Lab has already taken 43 cuts through FY95 and will take an additional 5 in '96 (this is reflected in our 955 personnel numbers). I believe they have not given the Lab credit for these previous 48 cuts.

Rome Lab was also allocated, by AFMC/ST, 172 "Dorn" reductions to be taken between '97 and '01 of which 39 is to be taken for '97. According to ESC guidance, Rome Lab was required to take 39 cuts in FY97 for development of the Program Budget Estimate for base closure. For costing purposes, we have assumed that all 39 will be BOS positions if the Lab is approved for closure. No other cuts should be taken according to AFMC/ST guidance: "await the FY96 President's Budget and BRAC 95 decisions before allocating the remaining Dorn Cut for FY97-01 via a non-prorata approach". Another issue is that The Dorn reductions affect all of Rome Lab including the portion currently at Hanscom AFB. ESC has allocated all the cuts to Rome Lab at Rome, NY and none to Rome Lab Hanscom.

It also looks like they have triple booked the cuts against BOS positions if you count BOS cuts in the 39 number, the 93 number and the 50 person efficiency reduction, but yet have applied these reductions against our total stand-alone authorizations of 831 civilian and 124 military (955 total). No one has seen any back-up to the conversion of 114 military positions.

On the Unit Manning Document dated March 95, Rome Lab will have a workforce of 955 authorizations in the 4th quarter 1996. This is comprised of:

Mission R & D Civilians	508
Mission Support Civilians	206
Mod/Fab Mission Support Civilians	36
Security Police Mission Support Civilians	21
BOS Civilians	<u>60</u>
TOTAL Civilians	831
Mission R & D Military	70
Mission Support Military	28
BOS Military	<u>26</u>
TOTAL Military	124
TOTAL Authorizations	955

Just a note on the attached spreadsheets:

I broke out the projected Rome Lab stand alone recurring costs between Sites and Non-Sites associated positions and costs. The Sites associated recurring costs include: modeling and fabrication, security police, and facilities and logistics BOS functions. Keep in mind that the lab received only 86 BOS positions and that did not include the 21 security police and 36 Modeling/Fabrication positions which were in direct support of the R & D mission.

We're fine tuning the recurring cost estimate as we learn about the actual people being RIF'd into the Lab and their salaries, but a budget figure between \$11 and \$11.5 million looks good. Originally we were using an average salary of \$40k (includes benefits) per man-year for estimating. This was based upon the 416th Bomb Wing's average of \$38k. Because of the Reduction In Force, we're getting the more senior people and therefore, higher salaries.

Attached also is a Fabrication and Modeling Shop equipment list. Costs were taken off the function's equipment account (CACRL) list.

ROME LABORATORY - STAND ALONE
 RECURRING SUPPORT COSTS
 BREAKOUT OF SITES AND NON-SITES ASSOCIATED COSTS

DRAFT

FUNCTION	RL TOTAL			RL BASE			RL SITES			COMMENTS
	BUDGET	NEW SPT		BUDGET	SUPPORT		BUDGET	SUPPORT		
	\$K	CIV	MIL	\$K	CIV	MIL	\$K	CIV	MIL	
COMMUNICATIONS	847.7	4	2	697.7	4	2	150.0	0	0	curr R & D charges not incl
CONTRACTING	300.0	7	1	300.0	7	1	0.0	0	0	
COMPTROLLER	134.0	4	0	134.0	4	0	0.0	0	0	
CIVIL ENGINEERING	3,493.0	31	5	2,752.5	23	5	740.5	8	0	
PERSONNEL	105.4	2	1	105.4	2	1	0.0	0	0	
LOGISTICS	2,733.8	56	6	1,474.7	29	6	1,259.1	27	0	36 Mod/Fab are not BOS
PMEL	500.0	0	0	200.0	0	0	300.0	0	0	
SECURITY POLICE	538.0	21	0	0.0	0	0	538.0	21	0	21 positions are not BOS
SAFETY	99.9	2	0	99.9	2	0	0.0	0	0	
JUDGE ADVOCATE	0.0	0	1	0.0	0	1	0.0	0	0	
ELECTRIC POWER	899.1	0	0	618.1	0	0	281.0	0	0	
HEATING	1,375.7	0	0	1,314.3	0	0	61.4	0	0	
WATER/SEWER	33.5	0	0	18.1	0	0	15.4	0	0	
CABLE SERVICE	1.0	0	0	1.0	0	0	0.0	0	0	
FIRE PROTECTION	140.9	0	0	112.7	0	0	28.2	0	0	
GRAND TOTAL	11,202.0	127	16	7,828.4	71	16	3,373.6	56	0	

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DRAFT

NOTE: All costs include salaries and operations/maintenance supplies and services

ROME LABORATORY - STAND ALONE
 RECURRING SUPPORT COSTS
 BREAKOUT OF SALARY AND NON-SALARY COSTS

FUNCTION	ROME LAB ON BASE		ROME LAB SITES		TOTAL
	SALARY	NON-SAL	SALARY	NON-SAL	
	\$K	\$K	\$K	\$K	\$K
COMMUNICATIONS	176.7	521.0	150.0	0.0	847.7
CONTRACTING	280.0	20.0	0.0	0.0	300.0
COMPTROLLER	121.0	13.0	0.0	0.0	134.0
CIVIL ENGINEERING	1,131.8	925.7	270.5	0.0	2,648.0
NON-RPMA	0.0	695.0	150.0	0.0	845.0
PERSONNEL	105.4	0.0	0.0	0.0	105.4
LOGISTICS					
SUPPLY	348.9	24.5	104.7	6.0	484.1
TRANSPORTATION	136.8	259.0	91.2	86.0	573.0
MAINTENANCE	39.7	1.2	39.7	1.2	81.8
MOD/FAB	0.0	0.0	0.0	0.0	1,594.9
PMEL	0.0	0.0	0.0	0.0	500.0
SECURITY POLICE	0.0	0.0	0.0	0.0	538.0
SAFETY	99.9	0.0	0.0	0.0	99.9
JUDGE ADVOCATE	0.0	0.0	0.0	0.0	0.0
ELECTRIC POWER	0.0	618.1	281.0	0.0	899.1
HEATING	0.0	1,314.3	61.4	0.0	1,375.7
WATER/SEWER	0.0	18.1	0.0	15.4	33.5
CABLE SERVICE	0.0	1.0	0.0	0.0	1.0
FIRE PROTECTION	0.0	112.7	0.0	28.2	140.9
GRAND TOTAL	2,440.2	4,523.6	652.1	212.5	11,202.0

NOTE: "R & D Support" includes those non-BOS authorizations Rome Lab is acquiring for stand-alone operations, i.e. 36 Modeling/Fabrication and 21 Security Police positions.

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E LABORATORY - STAND ALONE
SUPPORT POSITIONS AND SALARIES

DRAFT

FUNCTION	ROME LAB ON BASE					ROME LAB SITES				
	BOS		R & D SUPPORT		SALARY \$K	BOS		R & D SUPPORT		SALARY \$K
	CIV	MIL	CIV	MIL		CIV	MIL	CIV	MIL	
COMMUNICATIONS	4	2	0	0	176.7	0	0	0	0	-
CONTRACTING	7	1	0	0	280.0	0	0	0	0	-
COMPTROLLER	4	0	0	0	121.0	0	0	0	0	-
CIVIL ENGINEERING	23	5	0	0	1,131.8	8	0	0	0	320.0
PERSONNEL	2	1	0	0	105.4	0	0	0	0	-
LOGISTICS										
SUPPLY	10	3	0	0	348.9	3	0	0	0	104.7
TRANSPORTATION	3	3	0	0	136.8	2	0	0	0	91.2
MAINTENANCE	1	0	0	0	39.7	1	0	0	0	39.7
MOD/FAB	0	0	15	0	652.1	0	0	21	0	912.8
SECURITY POLICE	0	0	0	0	-	0	0	21	0	533.0
SAFETY	2	0	0	0	99.9	0	0	0	0	-
JUDGE ADVOCATE	0	1	0	0	-	0	0	0	0	-
TOTAL	56	16	15	0	3,092.3	14	0	42	0	2,001.4

DRAFT

Rome Lab

Directorate of Operations, 26 Electronics Pkwy,

Rome, NY 13441-4514

FAX

Date: 6/7/95

Number of pages including cover sheet: 19

To:

Dick Helmer

Defense Base Closure and
Realignment Commission

1700 N. Moore Street

Suite 1425

Arlington, VA 22209

Phone: 703 696-0504

Fax phone: 703 696-0550

CC:

From:

Dan Bollana

Phone Comm 315 330-4321

Fax Comm 315 330-3909

Phone: DSN 587-4321

Fax phone: DSN 587-3909

e-mail address: bollana@rl.af.mil

REMARKS:

Urgent

For your review

Reply ASAP

Please comment

Mr. Helmer,

Per our discussion, attached is information on the manpower reductions back-up you requested. I had our manpower person, Barbara Acchino, gather what she had and any notes on the subject.

If you have any questions or need additional information, please call either me or Barbara Acchino (315-330-~~3100~~³⁸⁴³).

7 Jun 95

MANPOWER TRACKING

Attachment 1:

Certified Manpower Numbers, Version 1.1, 4 Apr 95 = 955

Attachment 2:

Baseline Unit Manpower Document, 3 Mar 95 for FY964 = 955

Attachment 3:

ESC/MO Ltr, 8 Jul 94; depicts FY94-01 reductions of 241
Reductions earmarked for FY94-96 ONLY

Attachment 4:

Hq AFMC/ST Ltr, 13 Jul 94; pen and ink changes to reduction bogey

Attachment 5:

Hq AFMC/ST Ltr, 15 Jul 94, with Manpower Laboratory Reduction Chart = 238
(ESC Added 3 to our bogey) Total Reduction Bogey = 241

Attachment 6:

Hq AFMC/ST Ltr, 27 Sep 94 with "Putback" Chart
241-24 = New Reduction Bogey = 217
PEC 3 Reduction - 3 = Total Reduction Bogey = 220

Reductions:	FY94	-11
(already	FY95	-32
taken)	Total	-43 (220-43 = 177)

Reductions:	FY96	- 5 (177-5 = 172)
-------------	------	-------------------

172 remaining reductions FY97-01; spread among ALL Rome Lab resources, not just NY

Breakout of Reductions FY97-01:

FY97	-39 (RL's population should be 955- 87 = 868 by end of FY)
FY98	-41
FY99	-53
FY00	-11
FY01	-28

**ROME LABORATORY
DISTRIBUTION OF PERSONNEL**

Version 1.1					
	OFFICERS	ENLISTED	CIVILIANS		CONTRACTORS
AUTHORIZED POSITIONS					
UMD AS 3MAR95 - FY 96 4 AUTH					
#'S TO MOVE TO MONMOUTH					
MISSION DIR	14	1	172	187	
SPT STAFF	1	1	68	70	
BOS STAFF	0	6	20	26	
TOTAL	15	8	260	283	80
#'S TO MOVE TO HANSCOM					
MISSION DIR	47	6	317	370	
SPT STAFF	18	7	147	172	
BOS STAFF	2	18	33	53	
TOTAL	67	31	497	595	193
SITES					
MISSION DIR	2	0	19	21	
SPT STAFF	0	1	48	49	
BOS STAFF	0	0	7	7	
TOTAL	2	1	74	77	81
GRAND TOTAL	84	40	831	955	354
Assumptions:					
1. Contractor Support transfers w/ technology programs; same level svc;					
Source: # Security Badges Issued; provided by RL/SAO					
2. DORN reductions of 172 yet to be allocated (Monmouth = 45, New RL to Hanscom = 93, RL existing Hanscom = 22, Sites = 12)					
<i>Barbara K. Acchino</i>					
BARBARA K. ACCHINO					
Manpower Mgmt Analyst					
OL-AA, ESC/MO					
REMARKS: Version update due to refinement of contractor allocations; not included in totals is an additional 50 civ/50 contractors for ESC in 96POM for Joint Integrated Testing Facility (JITF)					

BRAC 95

page 1

As of 4 Apr 95



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS ELECTRONIC SYSTEMS CENTER (AFMC)
HANSCOM AIR FORCE BASE, MASSACHUSETTS

3153
p12
15-2

8 July 94

MEMORANDUM FOR MSC/CC RL/CC

FROM: ESC/MO
115 Eglin Street
Hanscom AFB, MA 01731-1610

SUBJECT: Out Year Unit Manpower Document (UMD) Changes, FY 96 POM

1. Command had originally tasked us to provide UMD change requests relating to the FY96 POM reductions by 15 August 1994. They understand the difficulty in addressing the out-years (FY97-01), especially since there are still many unknowns--particularly BRAC'95 decisions. In an effort to minimize the difficulty, they have given us relief on submitting UMD changes for the out-years (FY97-01) by 15 August 1994.
2. Command tasking of 7 July 1994 is to identify the Program Element Codes (PEC) of all positions FY94-01 by 12 July 1994, but to submit UMD changes for positions FY94-96 only by 15 August 1994.
3. Request you provide to ESC/MO by COB 12 July 1994 the PECs for all positions FY94-01, and positions numbers for all positions ~~FY94-01 by 1 August 1994~~ Only FY94-96 positions reductions will be submitted by 15 August 1994, the remainder of the positions will be "remarks" coded to identify the year they are projected to drop, but will remain on your UMD. The round 1 PECs and totals are firm.
4. Attachment 1 is a Recap of your center's share of the round 1 & 2 reduction - all civilian, shown by year. The numbers are cumulative. Positions to be cut must be good through FY 999.
5. We trust this relaxation in UMD detail for out-year requirements will help and appreciate your continued support. My POCs are Ms Marie McClanahan and Mr. Al Tucker, DSN 478-2093/4418.

John X Moonan
JOHN X. MOONAN
Chief, Manpower and Organization

Attachment:
Civilian Manpower Reduction
(Recap Round 1 & 2)

FY96 POM ROUND 1 AND 2 REDUCTIONS
(NUMBERS ARE CUMULATIVE)

RL

ROUND	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01
1	11	23	28	38	50	61	61	61
2	0	41	41	70	99	141	152	180
TOT	11	64	69	108	149	202	213	241

ESC/MO, (PAD), 8 JUL 94

UNCLASSIFIED

Date/Time: 1440/13 Jul

From: HQ AFMC/ST (Ruth)
4375 Chidlaw Rd, Ste 6
DSN 787-8977/8434
Wright-Patterson AFB OH 45433-5008
FAX: 513-476-1307/DSN 988-1307



To: See Below
Office Symbol: _____
Subject: _____
Phone #: _____
Number of pages (including cover): 6

Message:

13 Jul 94

- To: AL/CC (Col Jones)
- PL/CC (Col Davis)
- RL/CC (Col Nielson)
- WL/CC (Col Herrelko)

URGENT

1. Attached is a memo I just sent to the product centers/CCs on manpower reductions. The memo is in error. See the last page of my 6 Jul 94 memo to AFMC/CC which contains pen-and-ink corrections. Note that, before correction, the memo overstates the job reductions associated with the DoDA memo. The handwritten corrections are the correct numbers, and are now consistent with the AFMC/XP memo dated 22 Jun 94. (more ->)

UNCLASSIFIED

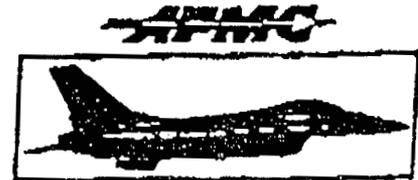
9 in... 13 Jul 94

Atch 4-1

UNCLASSIFIED

Date/Time: _____

From: HQ AFMC/ST ()
4375 Chidlaw Rd, Ste 6
DSN 787-6977/6434
Wright-Patterson AFB OH 45433-5008
FAX: 513-476-1307/DSN 986-1307



To: _____
Office Symbol: _____
Subject: _____
Phone #: _____
Number of pages (Including cover): _____

Message:

(2)

- 2. Please insure your product center/CCs and your manpower organizations have the correct numbers. Please call me if questions.
- 3. I apologize for the error, and regret any confusion it has caused.

Dick Paul

cc to: SAF/AQ
AFMC/XP
AFMC/STO

UNCLASSIFIED



DEPARTMENT OF THE AIR FORCE
 HEADQUARTERS AIR FORCE MATERIEL COMMAND
 WRIGHT-PATTERSON AIR FORCE BASE, OHIO

13 JUL 1994

MEMORANDUM FOR ASC/CC
 ESC/CC
 HSC/CC
 SMC/CC

FROM: HQ AFMC/ST
 4375 Chidlaw Rd, Ste 6
 Wright-Patterson AFB OH 45433-5006

SUBJECT: Laboratory Portion of Manpower Reductions

1. I recently forwarded the attached memo to Gen Yates regarding the S&T Mission Element Board's recommendation for dealing with the laboratory portion of both the DPG/96 POM and Dorn manpower reductions. Gen Yates has approved our approach, which is consistent with previous AFMC/ST memos to you regarding allocation of the DPG/96 POM reductions, as well as your current efforts regarding allocation of the Dorn memo reductions.

2. To capsule the bottom line:

a. The total lab "fair share" of manpower reductions is 2068 positions: 1086 from the DPG/96 POM exercise, and an additional 982 from the Dorn memo.

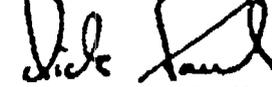
b. The allocation (by lab) of the 1086 positions associated with the DPG/96 POM was worked in a non-pro-rata fashion using the Laboratory Manpower Model during a previous exercise and approved by the AFMC Corporate Board. That allocation is summarized in paragraph 2 of the attachment.

c. The allocation (by lab) of the 982 positions associated with the Dorn memo have been distributed on a pro-rata basis consistent with the AFMC/XP memo dated 22 Jun 94. Here, the S&T MEB has recommended a two-prong approach: (1) identify reductions by position number for the FY95-96 portion (411) of the total lab "fair share" (982), and (2) submit the balance for FY97-01 (571) as a "wedge" without position numbers. The S&T MEB will then determine how these 571 positions should be specifically allocated by lab (from a horizontal S&T Mission Element perspective) after we know the outcome of BRAC-95 and have a FY96 President's Budget.

d. The distribution by individual fiscal year of each lab's total reductions (DPG/96 POM and Dorn) will be left to the discretion of each product center/lab.

3. I will do everything possible to work with you on this painful exercise, and want to keep you fully informed regarding our S&T M&B recommendations. Please let me know if you want to discuss.

FOR THE COMMANDER



RICHARD R. PAUL
Brig Gen, USAF
Director, Science & Technology

cc: S&T/AQ/AQT
HQ AFMC/XF
AL/CC
PL/CC
RL/CC
WL/CC
AFOSR/CC

1 Atch
AFMC/ST Memo, 6 Jul 94

MEMORANDUM FOR AFMC/CC

06 JUN 1994

FROM: HQ AFMC/ST

SUBJECT: Manpower Cuts in S&T Mission Element

1. The S&T MEB has dealt with two increments of manpower cuts this year. The 4% per year manpower reduction specified in the FY95 Defense Planning Guidance resulted in a 1086 laboratory civilian cut through FY99 as part of the FY96 POM exercise. The "Dorn Cut" amounts to an additional 982 laboratory civilian reductions from FY95-01.
2. The S&T MEB worked the POM cut in a non-pro-rata (i.e., non-peanut butter) fashion using the ST-developed laboratory manpower model which ties manpower to projected out-year budgets. The results of that exercise (compared to a pro-rata solution) have been distributed to the center commanders and are as follows:

	<u>AFOSR</u>	<u>AL</u>	<u>PL</u>	<u>RL</u>	<u>WL</u>	<u>TOTAL</u>
POM Cut	26	163	429	61	407	1086
(Pure Pro-Rata share)	26	177	293	151	439	1086

212

PL's proportionately larger share of reductions is a result of a drastically reduced BMDO technology budget plus almost 130 CHRMS positions (reimbursable slots for a specified time period) that have now expired. RL's proportionately lower share of reductions is a result of significant budget increases projected in the outyears.

3. We also originally intended to work the Dorn Cut in a non-pro-rata manner as well by tying specific lab reductions to FY96 POM budget decisions. However, we have recently learned that the Air Force Round 3 POM for S&T (which is in non-compliance with the DFG) will be challenged by OSD during the PBD cycle. Moreover, BRAC 95 decisions could affect the lab manpower cuts and will not be available until Fall 95. Therefore, for the lab "fair share" of the Dorn reductions, the S&T MEB concluded that we should take pro-rata reductions during FY95 and FY96, and await the FY96 President's Budget and BRAC 95 decisions before allocating the remaining Dorn Cut for FY97-01 via a non-pro-rata approach. Since all labs will undergo some reduction even in a non-pro-rata approach, taking pro-rata shares in FY95 and FY96 will not be counter productive.

156
 4. Based on the above approach, a pro-rata share for the lab reduction in FY95 and FY96 amounts to ~~411~~ civilian authorizations out of the total 982 lab "fair share" of the Dorn Cut. The specific allocation is as follows:

	AFOSR	AL	PL	RL	WL	TOTAL
FY95 & FY96 Dorn	0	18	39	26	73	156
Pro-Rata share	0	10	191	91	191	473

(consistent with XP Memo, 22 Jun 94)

Based on feedback from the lab commanders, all the product center commanders are coming in with "fair share" reductions for their respective labs, even though the AFMC Council did not make that a mandate in its direction to the centers. Additionally, I have done a preliminary review of the specific nature of the FY95 and FY96 Dorn reductions taken by each lab to assure they are not incompatible with our FY96 S&T POM initiatives. Everything looks okay through FY95-96.

826
 5. With respect to the remaining Dorn reductions from FY97-01 (826 positions), the S&T MEB requests that these ~~S&T~~ positions be submitted as a wedge without specific position numbers if at all possible. Submitting these reductions as a wedge will assure we have the flexibility to allocate them among the laboratories in a non-pro-rata fashion based on a FY96 President's Budget and BRAC 95 results. In our discussions with HQ AFMC/XP over the past two days, we understand the other MEBs and the centers have the same concern about laying in the FY97-01 cuts by position numbers at this point in time. The table below summarizes the Dorn allocation by lab.

Rich
 RICHARD R. PAUL
 Brigadier General, USAF
 Director, Science and Technology

Lab "Fair Share" of Dorn Cut

	95-96	97-01	Total
AL	18	87	105
PL	39	194	233
RL	26	151	177
WL	73	394	467
Total	156	826	982



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

15 JUL 1994

MEMORANDUM FOR ASC/CC
ESC/CC
HSC/CC
SMC/CCFROM: HQ AFMC/ST
4375 Chidlaw Rd, Ste 6
Wright-Patterson AFB OH 45433-5006

SUBJECT: Laboratory Portion of Manpower Reductions

1. This letter supercedes my 13 Jul 94 memo to you (which contained erroneous data), and provides an accurate synopsis of the S&T MEB's perspective on the subject manpower reductions. To capsulize the bottom line:

a. Total Reductions. The total lab "fair share" of manpower reductions is 2068 positions: 1086 from the DPG/96 POM exercise, and an additional 982 from the Dorn memo.

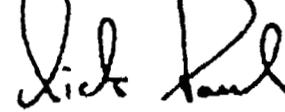
b. DPG/96 POM Portion. The allocation (by lab) of the 1086 positions associated with the DPG/96 POM was worked in a non-pro-rata fashion during a previous exercise using the Laboratory Manpower Model, and was subsequently approved by the AFMC Corporate Board. That allocation is summarized in paragraph A of the attachment.

c. Dorn Portion. The allocation (by lab) of the 982 positions associated with the Dorn memo have been distributed on a pro-rata basis consistent with the AFMC/XP memo dated 22 Jun 94. Here, the S&T MEB has recommended a two-prong approach: (1) identify reductions by position number for the FY95-96 portion (156) of the total lab "fair share" (982), and (2) submit the balance for FY97-01 (826) as a "wedge" without position numbers. The S&T MEB will then determine how these 826 positions should be specifically allocated by lab after we know the outcome of BRAC-95 and have a FY96 President's Budget. The Dorn allocation is summarized in paragraph B of the attachment.

d. Distribution. The distribution by individual fiscal year of each lab's total reductions (DPG/96 POM and Dorn), within the above constraints for the Dorn reductions, will be left to the discretion of each product center/lab. Each lab's total reduction is summarized in paragraph C of the attachment.

2. I will do everything possible to work with you on this painful exercise, and want to keep you fully informed regarding our S&T MEB recommendations. Please let me know if you want to discuss.

FOR THE COMMANDER



RICHARD R. PAUL
Brig Gen, USAF
Director, Science & Technology

cc:
SAF/AQ/AQT
HQ AFMC/XP
AL/CC
PL/CC
RL/CC
WL/CC
AFOSR/CC

1 Attachment
Laboratory Manpower Reductions

MANPOWER LABORATORY REDUCTIONS

	<u>AFOSR</u>	<u>AL</u>	<u>PL</u>	<u>RL</u>	<u>WL</u>	<u>TOTAL</u>
A. DPG/96 POM	26	163	429	61	407	1086
B. Dorn Reduction						
(1) FY95-96		18	39	26	73	156
(2) FY97-01		87	194	151	394	826
(3) subtotal		105	233	177	467	982
C. Total (line A + line B(3))	26	268	662	238	874	2068

+3
 241

 238
 247 *Edwards*
 214
 + 3 PEC 3 cut (COIP)

 + 3 round up by ESC/MO
 220



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
WRIGHT-PATTERSON AIR FORCE BASE OHIO

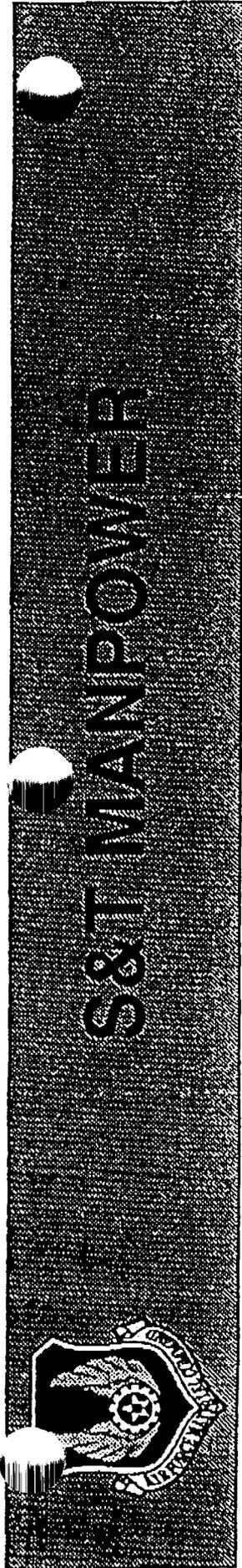
27 SEP 1994

MEMORANDUM FOR ASC/CC
ESC/CC
HSC/CC
SMC/CCFROM: HQ AFMC/ST
4375 Chidlaw Road, Suite 6
Wright-Patterson AFB OH 45433-5006

SUBJECT: Dorn Manpower Putback Allocations

1. As a result of the Defense Review Board approval of the Air Force request to remove manpower reduction exemptions from medical, Special Operations Forces, reserves and guard units, AFMC was allocated a number of Dorn "putbacks," with the Science and Technology Mission Element receiving 187 of these "putbacks." The net effect to the Science and Technology community is 187 less manpower reductions in FY95 than originally planned and enough "putbacks" in FY96 to keep the FY96 manpower level even with the FY95 adjusted level.
2. We allocated the 187 authorizations among the four labs based on a pro rata share, with each lab getting back 57 percent of its original FY95 Dorn cut. Since we were constrained to "no growth" in authorizations for each lab between FY95 and FY96, each lab was then given enough putbacks in FY96 to level its programmed authorizations with the FY95 level.
3. Details of the putbacks are provided in the attached charts. My point of contact on this issue is Mr. Chris Remillard, HQ AFMC/STOD, who can be reached at DSN 787-5594.

RICHARD R. PAUL
Brigadier General, USAF
Director, Science & TechnologyAttachment:
Dorn Manpower Putbackscc:
AL/CC
PL/CC
RL/CC
WL/CC



• DORN MANPOWER "PUTBACKS"

LAB	FY95 DORN CUT	FY95 PUTBACK
AL	18	10
PL	61	35
RL	41	24
WL	206	118
TOTAL	326	187

- 57% "PUTBACK" TO EACH LAB
- FY96 END STGTH = FY95 END STGTH
- (i.e., No Growth at Any Lab)
- FOR FY96:
 - PROVIDE "PUTBACKS" TO MAINTAIN EACH LAB AT ITS ADJUSTED FY95 LEVEL (i.e., NO GROWTH LEVEL)



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC

130 MAY 1995

MEMORANDUM FOR BASE CLOSURE COMMISSION (Mr. Francis A. Cirillo)

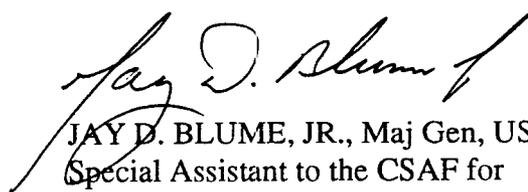
FROM: HQ USAF/RT

SUBJECT: Rome Laboratory Site Survey Data for COBRA Analysis

166
950526-10

Attached is the supporting data from the site survey for the Rome Laboratory COBRA analysis. The site survey, along with the incorporation of the Phillips Laboratory Geophysics Directorate downsizing at Hanscom AFB, identified additional space available for incoming missions. In addition, a slot by slot review of the personnel authorizations identified additional support staff that will be eliminated by this consolidation.

My point of contact for this action is Captain R. Curtis McNeil, AF/RT, (703) 695-6766.


JAY D. BLUME, JR., Maj Gen, USAF
Special Assistant to the CSAF for
Realignment & Transition

Attachments:

1. Personnel Data Sheet
2. MILCON Data

Rome Lab changes

Base pop		Original	Site survey
	off	84	84
	enl	46	46
	civ	786	786
	<u>total</u>	<u>916</u>	<u>916</u>

Force Structure
change of 164
civilians at Phillips
'6.

Force Structure

off	-74	-74
enl	-46	-46
civ	137	98
<u>Total</u>	<u>17</u>	<u>-22</u>

93 Eliminations
based on PEM
numbers.

Scenario

86 BOS Positions + 21 Security personnel

off	0	0
enl	0	0
civ	-50	-93
<u>total</u>	<u>-50</u>	<u>-93</u>

107 BOS Positions

- 56 Lab Mission Positions 4370 + 20000

* BOS Tail
(673 * 8.4%)

Realigned

off	10	10
enl	0	0
civ	873	726
<u>Total</u>	<u>883</u>	<u>736</u>

45770 H
216 M

512-BOS Positions
that can go away

8 (Dorn reductions)

consolidation

Remaining

off	0	0
enl	0	0
civ	0	65
<u>Total</u>	<u>0</u>	<u>65</u>

2 Modeling + Fab
workload
(15 * 10%)

91

FOR OFFICIAL USE ONLY

BRAC95 MANPOWER IMPACT WORKSHEET

BASE: Rome Lab (Griffiss AFB)

	<u>OFF</u>	<u>AMN</u>	<u>CIV</u>	<u>ACTIVE</u>	<u>DRILL</u>	<u>TOTAL</u>
UMD MANPOWER (as of Mar 95)	84	40	831	955	0	955
MIL/CIV CONVERSION	-74	-40	114	0	0	0
DORN REDUCTIONS (prior to closure)	0	0	-61	(61)	0	(61)
ADJUSTED MANPOWER BASELINE	10	0	884	894	0	894
MANPOWER IMPACTS						
Move lab functions to Hanscom	-10	0	-447	-457	0	-457
BOS tail	0	0	-43	(43)	0	-43
Move lab functions to Ft Monmouth	0	0	-216	-216	0	-216
BOS tail	0	0	-20	(20)	0	-20
Remain in place at Griffiss	0	0	-60	(60)	0	-60
BOS tail	0	0	-5	(5)	0	-5
Estimated closure savings	0	0	93	93	0	93

SHERWOOD BOEHLERT
23rd DISTRICT, NEW YORK

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WATER RESOURCES AND ENVIRONMENT
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U.S. DELEGATION, NORTH ATLANTIC ASSEMBLY
CHAIRMAN, NORTHEAST AGRICULTURE CAUCUS
CHAIRMAN, MINOR LEAGUE BASEBALL CAUCUS



Congress of the United States
House of Representatives

Washington, DC 20515-3223

March 17, 1995

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UTICA, NEW YORK 13501
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Fax: (315) 798-4099

TOLL FREE: 1-800-235-2525

The Honorable Sheila Widnall
Secretary
Department of The Air Force
SAF/OS
1670 Air Force Pentagon
Washington, DC 20330

Dear Madam Secretary:

In earlier correspondence I have requested information and data concerning your recommendations to close Rome Laboratory at Griffiss AFB, New York. I need this data to rationalize how the Air Force could determine that this course of action was in the best interest of the Department of Defense and the Nation.

I have serious concerns regarding the development of this recommendation especially in the light of a number of relevant facts. Please answer the following questions:

(1) The Air Force rated the Rome Laboratory in its military value analysis as a Tier I installation. I was told that the Air Force has not recommended the closure of any Tier I installations in previous BRAC rounds. Is this correct?

(2) In the hearing before the BRAC 95 Commission on March 6, 1995, you stated that the Air Force recommendation to close Rome Lab was based on the recommendation of the Laboratory Joint Cross Service Group (LJCSG). I understand that the LJCSG alternative, that affected Rome Lab, was to consolidate all C3I acquisitions and research and development at Fort Monmouth, NJ. Contrary to the OSD recommended alternative, the Navy proposed to move its function to San Diego. I fail to see how relocation of only a part of the Department of Defense C3I function could foster a significant "increase in the inter-service cooperation and common C3 research. The proposed recommendation is not even collocation, as the Army's "Reliability" effort will not be in New Jersey, but relocated to its research complex in Maryland. Would you please explain how the Air Force envisions increased interservice cooperation under this arrangement?

(3) The Army recommended in its BRAC 95 report to "Relocate the Military Transportation Management Command (MTMC) Eastern Area Command Headquarters and the traffic management portion of the 1301st Major Port Command to Fort Monmouth, NJ." Army planners project a military construction effort costing approximately \$30 million to house these administrative and storage functions (130,000 square feet of administrative space and 23,400 square feet of storage). By contrast,

the analysis supporting your recommendation states that the Rome Lab research/laboratory functions for approximately half the number of personnel (677 personnel from Bayonne versus 374 from Rome Lab) can be housed for only approximately \$6.2 million at the same installation. Please explain to how you can accomplish a move of half as many personnel for about a fifth of the cost for a much more sophisticated research and development operation?

(4) As another basis of comparison, the Army recommended the consolidation of a number of research functions into the Army Research Laboratory (ARL) at Adelphi and Aberdeen, MD in 1991. After almost four years of planning and execution, its budget for consolidation (from the FY 1996 President's budget submission) indicates a radical difference in cost from what you project, even though it involves almost the same number of personnel positions moving. While these are not the same exact functions, the scale of the actions is similar and involve research activities.

(a) The ARL total package cost is \$330.8 million, less the environmental clean up, and your recommendation for Rome Lab estimates a total cost of \$52.8 million. You have projected a cost of only 16% of the Army action. Other funding consistencies are shown below:

	ARL <u>(\$M)</u>	Rome Lab <u>(\$M)</u>
Military Construction	162	21.9
O&M and Other (includes moves and procurement)	173	30.1

(b) The ARL action moves approximately 877 positions, and the Rome Lab closure moves 883. However, the Army's consolidation eliminates 774 positions and the Rome relocation only 50.

(c) Without a significantly better understanding of your cost and saving projections, you can see why I have questions about the cost-effectiveness of your recommendation to close Rome Lab. Therefore, would you please explain the specifics of your recommended relocation in light of the above?

(5) Your COBRA analysis indicates the Air Force will have annual recurring savings of approximately \$11.5 from the closure of Rome Laboratory. However, in this package, you will close three buildings, relocate (not consolidate) research functions, eliminate a small number positions (50), and move most, if not all, of the Rome Laboratory research functions. Additionally, these functions will move to areas that have a significantly higher cost of living than the Rome, NY area. Was this "higher cost of living" included in your analyses? If not, could you please explain why not? Moreover, how was locality pay applied in your computations?

Considering the basis of your recommendation, I cannot accept the conclusion that this action will save money and have a Return on Investment in 4 years.

page 3

I look forward to your quick and timely reply to my concerns, but request that I receive your responses and answers to my questions by 23 March.

With warmest regards,

Sincerely,


Sherwood Boehlert
Member of Congress

SB:ew

SHERWOOD BOEHLERT
230 DISTRICT, NEW YORK

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CHAIRMAN, SUBCOMMITTEE ON
WATER RESOURCES AND ENVIRONMENT
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Congress of the United States
House of Representatives

Washington, DC 20515-3223

March 17, 1995

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TOLL FREE: 1-800-235-2525

The Honorable Sheila Widnall
Secretary
Department of The Air Force
SAF/OS
1670 Air Force Pentagon
Washington, DC 20330

Dear Madam Secretary:

My previous correspondence has addressed a number of questions and requested information in the COBRA analysis for the closure of Rome Laboratory. My staff has been able to secure a copy from the Base Closure Commission of the run that reproduces the \$52.8 million one-time cost for the scenario that would close Rome Lab and move portions to of the lab to Hanscom AFB, MA and Fort Monmouth, NJ. This run was made with COBRA version 5.08 and data updated as of 13:04 hours on 02/20/1995.

A cursory review for this analysis raises serious questions about the assumptions made and data used. To understand this data and adequately respond to BRAC commissioner questions, I need data and answers for the following:

(1) The Personnel Summary Report lists a total of 883 (873 civilian and 10 military) positions realigning out of Rome Lab and 50 being eliminated (for a total of 933). Your report to the Secretary of Defense lists a total of 1,067 direct jobs to be lost.

(a) What causes this discrepancy in numbers?

(b) What types of jobs did you assume are going to be lost at the laboratory? I find it difficult to imagine that these positions are all related to the Operation and Maintenance function for the three Rome Laboratory buildings (as page 2 for the Appropriations Detail Report indicates a recurring savings in O&M civilian salaries beginning in 1998 of \$2.3 million).

(2) The One-Time Cost Report lists a total military construction cost of \$21.85 million (\$6.27 million at Fort Monmouth and \$15.58 million at Hanscom AFB). The Military Construction Assets Report does not list any type of detail on facility category for either receiving installation, but refers at both locations to "CE estimate 2/3/95." Since I do not have access to the estimate your refer, I'm requesting a copy of the details of these estimates for both Fort monmouth and Hanscom AFB. I would like to receive copies of any and all worksheets or computer analyses used in developing the construction estimates.

(3) The small magnitude of the military construction in your estimate was a crucial factor in the calculation of the Return on Investment (ROI) period of four years in this run as noted in your report. I have been informed that requirements for laboratory construction are difficult to estimate since the test equipment and functional placement of this equipment is not standard. Please explain why these MILCON estimates are so small, particularly since site surveys have not been performed by personnel who are familiar with the facilities requirements for these research functions. Please provide any assumptions made or engineering decisions that were relevant in your final MILCON numbers.

(4) I could not find in this run, or anywhere else, any indication that the locality pay differential for civilian employees for the Hanscom AFB and Fort Monmouth areas versus Rome, NY had been taken into account as more correctly contributing to higher future operating costs. It did appear that the higher Variable Housing Allowance for military personnel had been included. Please explain why the civilian locality pay was or was not factored in the calculation; and if so, where; and if not, why not?

(5) Please provide a detailed scenario description which enumerates all assumptions, facts, or other considerations used in this scenario and in the AF "level playing field" COBRA run.

(6) The Laboratory Joint Cross Service Group (LJCSG) COBRA indicates an RPMA cost for Rome Lab of approximately \$8.1 million. Could you please provide a detailed breakdown of these costs and their specific application to the stand-alone Rome Lab?

(7) This same run depicts no RPMA increase at either Hanscom AFB or Fort Monmouth. Could you please provide an explanation for the rationale for not increasing the RPMA when additional construction at both installations is required?

(8) The run also depicts a steady state cost at the gaining installations of approximately 72.4% of the savings from closing Rome Lab. Could you please provide an explanation for this differential given the complete transfer of functions and negligible manpower reductions?

(9) Please provide the following information:

(a) a list of all laboratory and support equipment that must be moved or replaced and delineated (by category);

(b) detailed descriptions of the configuration of or other factors and methods applied in determining space and facility type requirements at each location (by category);

(c) the cost estimates for replacing equipment damaged in move or equipment that cannot be moved (by category); and

(d) a detailed list of items comprising the one-time move costs of \$6.823 million.

page 3

(10) Are any of the relocating civilian personnel participants in the Career Management Program? If so, how many are there? How was this number accounted for in your analysis?

I would like to thank you in advance for your cooperation and expeditious response to my requests. It is imperative that you provide this information to me not later than 23 March 1995.

Sincerely,

A handwritten signature in black ink, appearing to read "Sherwood Boehlert". The signature is fluid and cursive, with a long horizontal stroke at the end.

Sherwood Boehlert
Member of Congress

SB:ew

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000



OFFICE OF THE SECRETARY

March 24, 1995

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable Sherwood L. Boehlert
House of Representatives
Washington, DC 20515-3223

Dear Mr. Boehlert

This is in response to your letters of March 17, 1995, to the Secretary of the Air Force requesting additional clarification on data provided concerning Rome Laboratory, New York. Responses to your questions are as follows:

QUESTION 1(a): What causes this discrepancy in numbers?

RESPONSE 1(a): The total number of positions shown as being realigned out of Rome Laboratory and being eliminated reflect total number of Government authorizations being affected by closure of Rome Laboratory. The total number of direct jobs to be lost is a description of economic impact and also includes the man-year equivalents for contractors servicing the installation. In the case of Rome Lab, this equates to 134 contractor man-year equivalents.

QUESTION 1(b): What types of jobs did you assume are going to be lost at the laboratory?

ANSWER 1(b): The total of 50 positions to be eliminated by the closure of Rome Lab can be broken into two types. A total of 22 positions will be eliminated from consolidation savings. Another 28 positions will be eliminated from Base Operating Support (BOS) savings.

QUESTION 2: I'm requesting a copy of the details of these estimates for both Fort Monmouth and Hanscom AFB. I would like to receive copies of any and all worksheets or computer analyses used in developing the construction estimates.

ANSWER 2: The requested information is attached and is based on a preliminary site survey conducted in January 1995. We plan to perform a detailed site survey on April 10-14, 1995, at which time we will identify the square footage, building types, and locations of areas where industrial elements now at Rome Lab are to be located at Hanscom AFB and Fort Monmouth. This information will be forwarded to your office upon receipt.

QUESTION 3: Please explain why these MILCON estimates are so small, particularly since site surveys have not been performed by personnel who are familiar with the facilities requirements for these research functions. Please provide any assumptions made or engineering decisions that were relevant in your final MILCON numbers.

ANSWER 3: Rome Lab provided laboratory facility requirements in their data call. These requirements were then given to Hanscom AFB and Fort Monmouth after refinement for space requirements to BRAC target year of Fiscal Year (FY) 97/4 manpower levels. It was also assumed space inefficiencies built into existing Rome Lab facilities would be eliminated when buildings at the receiving location were to house Rome Lab requirements. This resulted in a 20 percent reduction of lab and SCIF space based on the manpower and space reductions. Finally, any SCIF space occupied full time by personnel should have a commensurate reduction in the engineering support space. The preliminary site survey was conducted in January 1995 by Air Force Civil Engineering (AF/CE) and Air Force Realignment and Transition (AF/RT) personnel to validate these responses.

QUESTION 4: Please explain why the civilian locality pay was or was not factored in the calculation; and if so, where; and if not, why not?

ANSWER 4: Screen Four of the COBRA run includes the "area cost factor" for the static base. The factors are 1.10 for Rome, 1.19 for Fort Monmouth, and 1.29 for Hanscom. This factor is used in the calculations for Civilian Housing, Purchase Cost, Family Housing Construction Costs, Homeowners Assistance Program, Information Management Account, Military Construction Costs, Project New Construction Costs, and Project Rehabilitation Cost.

QUESTION 5: Please provide a detailed scenario description which enumerates all assumptions, facts, or other considerations used in this scenario and in the Air Force "level playing field" COBRA run?

ANSWER 5: The level playing field COBRA assumes that Rome Laboratory, Rome, New York, is relocated from the Department of Defense (DoD) retained area to Hanscom AFB, Massachusetts. The level playing field COBRA run included \$95.1 million in MILCON, \$3.3 million in personnel costs, \$1.5 million in overhead costs, \$31.3 million in moving costs, and \$2.4 million in other costs. Total cost was \$133.6 million. Manpower eliminations to offset these costs were five spaces.

The BCEG was briefed on December 15, 1994, on the sources of differences between the level playing field estimate and a preliminary focused COBRA run where Rome Lab was relocated to Hanscom AFB. This briefing is attached for your convenience. In a subsequent cross-service analysis, the Air Force analyzed the recommended alternative to relocate portions of Rome Lab to Hanscom AFB and Fort Monmouth. This analysis reduced one-time costs, allowed for greater utilization of existing space for MILCON, increased steady state savings, increased position eliminations, and resulted in a four-year return on investment. Additional information on the COBRA run is attached under Item 9.

QUESTION 6: Could you please provide a detailed breakdown of these costs and their specific application to the stand-alone Rome Lab?

✓ ANSWER 6: The RPMA cost of \$8.1 million is not broken down further. The installation budget office through its budget process has authority to use this money on any RPMA task.

QUESTION 7: Could you please provide an explanation for the rationale for not increasing the RPMA when additional construction at both installations is required?

✓ ANSWER 7: There is no increase in RPMA at Hanscom or Fort Monmouth because there is no increase in square feet. The amount of square feet is what drives this cost.

QUESTION 8: Could you please provide an explanation for this differential given the complete transfer of functions and negligible manpower reductions?

ANSWER 8: The final COBRA run for Rome Laboratory reflects the fact that the RPMA and BOS budgets at Rome Lab will be a savings which is offset by the increased BOS costs at either Hanscom AFB or Fort Monmouth. The personnel savings reflect the (50) manpower authorizations that are no longer required because of this closure.

QUESTION 9(a-d): (a) a list of all laboratory and support equipment that must be moved or replaced and delineated (by category); (b) detailed descriptions of the configuration of or other factors and methods applied to determine space and facility type requirements at each location (by category); (c) the cost estimates for replacing equipment damaged in move or equipment that cannot be moved (by category); and (d) a detailed list of items comprising the one-time move costs of \$6.823 million.

ANSWER 9(a-d): The requested information used in support of the COBRA run is attached.

QUESTION 10: Are any of the relocating civilian personnel participants in the Career Management Program? If so, how many are there? How was this number accounted for in your analysis?

ANSWER 10: Yes. The number of employes at Rome Lab as of March 1995 who are registered in the Air Force Career Programs was 468. The analysis does not treat a civilian registered in the Air Force Career Program differently from those who are not in the program.

Response to questions in your second March 17, 1995, letter.

QUESTION 1: Is this correct?

ANSWER 1: It is certainly unusual, if not unprecedented, for the Air Force to recommend the closure of an installation placed in the top tier in the preliminary analysis. We should point out that this is not a "military value" assessment, but rather an assessment under all eight selection criteria.

Also, unprecedented is the Joint Cross-Service Group process, which substantially impacted the 1995 BRAC analysis process. After the Laboratory Joint Group recommended the Air Force consider a closure of Rome Lab, we found significantly cheaper closure options than those considered in the level-playing field analysis that formed the basis for the preliminary tiering. The dramatic difference in costs, savings and return on investment led the Air Force to reconsider the closure of Rome Lab.

QUESTION 2: Would you please explain how the Air Force envisions increased interservice cooperation under this arrangement?

ANSWER 2: While the relocation of some Navy C3I R&D activity to either Fort Monmouth or Hanscom AFB was examined by the Laboratory Joint Cross-Service Group and the services, that specific action was not required in order for the Air Force and Army to increase interservice cooperation and common C3 research. The collocation of selected Air Force and Army activities will permit the two services to rely upon one another while conducting C3 research in areas of common interest. Research areas such as reliability and photonics have applicability to both Air Force and Army weapon systems. Additionally, the opportunity exists for these activities to share relatively expensive electronic facilities (i.e., anechoic chambers) and test equipment when they are collocated. For these reasons, the Air Force and Army chose to proceed with the benefits of collocation, even without the Navy's participation.

QUESTION 3: Please explain how you can accomplish a move of half as many personnel for about a fifth of the cost for a much more sophisticated research and development operation?

ANSWER 3: While we cannot speak to the Army recommendation you mentioned, we can address the estimate of approximately \$6.2 million to house Rome Lab at Fort Monmouth. The Army provided us with a unit cost figure per square foot for each facility type as

certified data. We elected to use the Army's certified units costs for our cost estimate. We then accomplished a preliminary site survey in January 1995 to validate their response.

QUESTION 4(a-c): Therefore, would you please explain the specifics of your recommended relocation in light of the above?

ANSWER 4: Again, while we cannot speak to the Army recommendation of 1991 you mentioned, we have attached the focus COBRA run conducted after the preliminary site survey conducted in January 1995 for both Hanscom AFB and Fort Monmouth. We have also included the February 3, 1995, MILCON estimate, the portion of the Army certified response dealing with square footage requirements and costs, and the certified one-time movement costs to provide additional insight.

QUESTION 5: Was this "higher cost of living" included in your analyses? If not, could you please explain why not? Moreover, how was locality pay applied in your computations?

ANSWER 5: Yes. Screen Four includes the "area cost factor" for the static base. The factors are 1.10 for Rome, 1.19 for Fort Monmouth, and 1.29 for Hanscom. This factor is used in the calculations for Civilian Housing, Purchase Cost, Family Housing Construction Costs, Homeowners Assistance Program, Information Management Account, Military Construction Costs, Project New Construction Costs, and Project Rehabilitation Cost.

We trust this information is useful.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison

Attachments

Item 2

of

Mr. Sherwood Boehlert's 17 Mar 95 Letter

BRAC '95 MILCON ESTIMATE

Gaining Base: Fort Monmouth
 Option: 400
 Drill: 1
 Date: 1/12/95
 Scenario: Rome Lab from Griffiss to Fort Monmouth

Cat Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
Other Requirements												
610-123	AF PLANT ADMINISTRATION OFFICE				0				40238	SF	1.18	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-924	Light Lab				0				12198	SF	0.41	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
312-477	MEDIUM LAB				0				22234	SF	1.32	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-911	HEAVY LAB				0				1559	SF	0.2	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
610-000	LIGHT SCIF				0				8810	SF	0.26	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
131-132	HEAVY SCIF				0				9827	SF	0.79	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
935-000	OTHER				0				278	EA	1.32	Army engineers did not include systems furniture in their estimate. Existing furniture is used and mismatched. AFMC included system furniture in the Rome to Hanscom estimate. Include here also.
									94995		5.48	
Dorms												
721-312	DORMITORY					0			0	SF	0	
E1-E4				0	0				0			
E5-E7				0	0				0			
Requirement				0	0							
Dining Halls												
722-351	AIRMEN DINING HALL (DETACHED)			0	PN				0	SF	0	
											0	
											Milcon:	5.48
											BOS	0.27

CLOSE HOLD - E BCEG Staff Only

Cat Codes	Titles	Det'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
Subtotal												
										0 UN	6.76	0

Military Family Housing
 710-000 FAMILY HOUSING

BRAC: Ofcr 10 Amn 0

Adjustmt 0 0
 Finan# 10 0

0 UN

Subtotal 5.75
 Planning 0.62
 TOTAL 6.27

Total SF: 94,995 SF

BRAC Milcon Estimate Worksheet to move Rome Lab to Hanscom (AF-09)

Gaining Base: Hanscom

Option: 400

Drill : 1

Date : 02-03-1995

Sheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

CATEGORIES	Titles	Questionnaire Identified Excess Scope	Program'd SCOPE	U/M	6% SIOH (\$K)	TOTAL (\$M)
Other Require						
610-123	AF PLANT ADMINISTRATION OF	64000	0	SF	0.00	0.00
310-924	Light Lab	0	0	SF	0.00	0.00
312-477	MEDIUM LAB	0	12065	SF	227.25	4.01
310-911	HEAVY LAB	0	1485	SF	61.17	1.08
610-000	LIGHT SCIF	0	8393	SF	99.31	1.75
131-132	HEAVY SCIF	0	9361	SF	249.19	4.40
935-000	OTHER	0	378	EA	99.06	1.75
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
						12.99
					Milcon:	12.99
					BOS	1.30
					Subtotal	14.29
Military Family						
710-000	FAMILY HOUSING	-253	0	UN	0.00	0.00
						0.00
					Subtotal	14.29
					Planning	1.29
					TOTAL	15.58

Notes for Worksheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

610-123: Cost based on AFMC/XP/CE site survey. Original: renovate facilities 1607 (46,700 SF) and 1605 (7,000 SF) at 70% of new construction costs. No renovations required for Facilities 1302F (28,000 SF) and 1302FA (13,300 SF). Phillips Lab space available = 64,000, therefore, NO scope provided. Total to Hanscom is 54,762 SF. Total admin rqmt = 95,000 SF.

310-924: Cost based on AFMC/XP/CE site survey. Original cost based on renovation of facilities 1102D (12,300 SF) and 1607 (16,500 SF). Used 70% of new construction costs. Phillips Lab has 100,000 SF available for light lab, therefore no renovation required. Total Light Lab requirement = 28,800 SF. Total to Hanscom is 16,602 SF.

312-477: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (30,436 SF) - space available from PL (13,200 SF). Use 70% of new construction cost = 17,236 SF. Adjust program amount to 12,065 SF. Total Medium Lab requirement = 52,800 SF.

310-911: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (2,121 SF). Use 70% of new construction cost. Adjust program amount 1,485 SF. Total Heavy Lab requirement = 3,680 SF.

610-000: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 & 1st floor 1302F (11,990 SF). Use 70% of new construction cost. Adjust program amount 8,393 SF. Total Light SCIF requirement = 11,990 SF.

131-132: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (13,373 SF). Use 70% of new construction cost. Adjust program amount 9,361 SF.

935-000: Total rqmt is 656 units. Hanscom rqmt is 378 units.

Item 5

of

Mr. Sherwood Boehlert's 17 Mar 95 Letter

FOR OFFICIAL USE ONLY -- BRAC SENSITIVE

Lab & Product Center
DECISION BRIEFING
(BCEG)

Mleziva
15 Dec 94

FOR OFFICIAL USE ONLY -- BRAC SENSITIVE

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Purpose

- LJCSG Analysis
 - Approve RL, Rome Decision Data
 - Approve AL, Mesa Decision Data
- AF Tier II/III Bases
 - Review SMC Analysis Status
 - Review PL Analysis Status
 - Approve Brooks AFB Decision Data

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2

FOR OFFICIAL USE ONLY – BRAC SENSITIVE

Rome Lab COBRA Costs (FY 96\$ M)

	<u>Prior</u>	<u>Current</u>	<u>Delta</u>
Construction*			
Mission:	95	40	55
MFH:	0	0	0
Moving	31	31	0
Personnel Costs:	3	3	0
Overhead	1	1	0
Other	2	2	0
Total:	133	78	55

* Assume Geographically Constrained Detachments (e.g. Antenna Ranges) Do Not Move

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3

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Sources of Difference MILCON

Prior: \$95M

Current: \$40M

Assumption: Rebuild Rome

New construction
Provide Admin Space for all personnel
No Efficiency Reduction
No BOS/Design Cost

Assumption: Accomodate Rome

Modify existing structures
Use SCIF and Admin Space for personnel
20% Space Efficiency Reduction (standard)
Add BOS/Design Cost

Validation

AF/CEP validated using different methodology
Less than 5% difference in estimate

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4

Sources of Difference Recurring Costs

Prior: \$7.2M/yr

Current: \$11.9M/yr

Data Source

Data Conflict

- ACC Data
- AFMC Data

Data Source

Updated Program Plan

Historical Actuals

Validation

AF/CEP validated

COBRA-internally consistent

Criteria IV & V

Rome Lab, NY to Hanscom AFB, MA

	<u>1-Time</u> <u>Cost (\$M)</u>	<u>20 YR</u> <u>NPV (\$K)</u>	<u>Steady</u> <u>State</u>	<u>ROI</u>	<u>Pers</u> <u>Savings</u>
Rome Lab (prior)	133	111	1	100+	5
Rome Lab (current)	78	(15)	8*	11	26

*Details being confirmed

Item 9

of

Mr. Sherwood Boehlert's 17 Mar 95 Letter

29 Dec 94

MEMORANDUM FOR HQ USAF/RTR

SUBJECT: One Time Movement Costs - Rome Lab West

FROM: HQ USAF/XP
4375 Chidlaw Rd/ Suite 6
Wright-Patterson AFB OH 45433-5006

1. The following equipment move to the new location if Rome Lab West is relocated. This is based on the assumption that only the equipment at Rome Lab will move and that the equipment at the test areas will stay.

<u>Item</u>	<u>Total Cost</u>
Cryogenic Chamber	\$1,630.000K
Large Anechoic Chamber	\$2,450.000K
RF Shielded Enclosure	\$1,375.000K
<u>Small Anechoic Chamber</u>	<u>\$1,368.000K</u>
Total One Time Moving Cost	\$6,823.000K

2. Point of contact is myself at DSN 787-2622.

3. I certify this data is accurate to the best of my knowledge and belief.


DENNIS M. PIPER, Major, USAF
Senior Logistics Analyst
HQ AFMC/XPX, DSN 787-2622

I Atch
BRAC '95 USAF Base Questionnaire, Section IV/V, Part B

I certify this data is accurate to the best of my knowledge and belief.


TERRY L. BALVEN, Colonel, USAF
Chief, Plans and Programs Integration
Directorate of Plans
HQ AFMC/XP, DSN 787-7100

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

Section IV/V

A. Non Payroll Budget

B. Large, Unusual Items Integral to the Mission

Does the base have large, unusual items which are integral to the unit mission, but which cannot be moved as regular freight, e.g., flight simulators?

Yes

Does the value of all the above equipment exceed \$500,000? Yes

NO If yes to both the above questions, identify the piece(s) of equipment. 12 Aircraft used for R & D

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 1,025.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 369.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 1,100.000 K

Total cost to teardown, move, and setup each item. \$ 2,494.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. 22 Towers - 50 - 180 ft length

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 500.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 57.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 940.000 K

Total cost to teardown, move, and setup each item. \$ 1,497.000 K

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

If yes to both the above questions, identify the piece(s) of equipment. Cryogenic Chamber

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 750.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 80.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 800.000 K

Total cost to teardown, move, and setup each item. \$ 1,630.000 K

If yes to both the above questions, identify the piece(s) of equipment. Large Anechoic Chamber

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 1,100.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 150.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 1,200.000 K

Total cost to teardown, move, and setup each item. \$ 2,450.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. LF/HF Tower - 1200ft

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 1,100.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 200.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 1,100.000 K

Total cost to teardown, move, and setup each item. \$ 2,400.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. Microwave Tower System

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 49.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 600.000 K

Total cost to teardown, move, and setup each item. \$ 1,249.000 K

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

If yes to both the above questions, identify the piece(s) of equipment. RF Shielded Enclosure

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 75.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 700.000 K

Total cost to teardown, move, and setup each item. \$ 1,375.000 K

If yes to both the above questions, identify the piece(s) of equipment. Small Anechoic Chamber

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 68.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 700.000 K

Total cost to teardown, move, and setup each item. \$ 1,368.000 K

Total cost to teardown, move, and setup all items. \$ 14,463.000 K

CERTIFICATION

1. According to 30 Nov 94 PCN SB004-024, Vehicle Master List, Rome Lab (RL) currently has 53 vehicle equivalences in its inventory.
2. RL's one time moving cost is the equipment moving cost. This was a rough order of magnitude estimate based on previous Phillips Lab Consolidation Study. This was a grass roots effort accomplished during the 1991 round of base closures. Our office is currently trying to obtain a copy of this estimate. The cost of moving heavy research equipment was analyzed based on similar types of disassembly, transport, and reassemble costs. Contracts for test and calibration were not specifically addressed in this study under the assumption that government researchers would perform these functions as their first task before they could begin using it. This cost does not include the costs of relocating the 9 off base research sites in the surrounding areas of Griffiss AFB NY. Previous RL estimate for moving equipment was \$14.4M.

I certify that the above information is accurate and complete to the best of my knowledge and belief.

Preparer:



Date: 27 Dec 94

CHUNG C. KANG, Maj, USAF, HQ AFMC/STCP, DSN: 787-6561

Laboratory space was categorized under AFMC 21 as Engineering Support; Light Lab; Medium Lab; Heavy Lab; Light SCIF and Heavy SCIF. Facility definitions are attached. Initial square footage requirements were provided by Rome Labs. Believe to be based on existing space at Rome Lab. No detailed descriptions of the configurations were provided.

Some assumptions were made to AFMC 21 square footages.

- Manpower reduction from peak work year to BRAC target year of FY 97 equated to a reduction of space
- Space inefficiencies built into existing RL facilities to be eliminated when buildings are converted at Hanscom to house RL requirements
- A 20% reduction of lab and SCIF space was based on the manpower and space inefficiencies reductions
- That SCIF space was occupied full time by personnel and there should be a reduction in the engineering support space

Based on the BRAC realignment of functions where manpower split 60% to Hanscom and 40% to Ft Monmouth, the space was split proportionately for planning purposes. RL space requirements are summarized. Space requirements will be finalized upon completion of site surveys the week of 10-14 April 1995.

RL SPACE REQUIREMENTS

	<u>AFMC 21</u>	<u>BRAC</u>	<u>HANSCOM</u>	<u>FT MONMOUTH</u>
ENG SUPPORT/ ADMIN	135,000	95,000	55,300	39,700
LIGHT LAB	36,000	28,800	16,765	12,035
MED LAB	66,000	52,800	30,737	22,065
HVY LAB	4,600	3,680	2,142	1,538
LIGHT SCIF	26,000	20,800	12,108	8,692
HVY SCIF	29,000	23,200	13,505	9,695
TOTAL			130,555	93,725

FACILITIES DEFINITIONS

ENGINEERING SUPPORT SPACE

- AFM 86-2, CHAPTER 13
- COMPRISED OF THREE TYPES OF FLOOR SPACE
 - NET OFFICE AREA (USABLE AREA FOR DESK AND PERSONAL WORK FILES, ETC., PER EACH BUILDING OCCUPANT)
 - ADMIN SUPPORT SPACE (TYPICAL ADMIN RQMTS SUCH AS AREAS FOR CENTRAL FILES, CONFERENCES, STORAGE, MAIL HANDLING, AND REPRODUCTION)
 - SPECIAL PURPOSE SPACE (SUCH AS SMALL AUDITORIUMS, DRAFTING ROOMS, ELECTRONIC DATA PROCESSING EQUIPMENT, AND HOLDING SPACE FOR CONTRACT MAINTENANCE EQUIPMENT)
- 162 SF MAX RECOMMENDED FOR SUM OF NET OFFICE AREA AND ADMIN SUPPORT SPACE

FACILITIES DEFINITIONS

LIGHT LABORATORY

REQUIRES MODEST INCREASE IN POWER OR AIR CONDITIONING OVER ENGINEERING SUPPORT SPACE. IT MAY BE COMPRISED OF WORK AREAS WITH SEVERAL PERSONAL COMPUTERS OR WORKSTATIONS AND NETWORK EQUIPMENT.

MEDIUM LABORATORY

REQUIRES SUBSTANTIAL INCREASE IN POWER, AIR CONDITIONING AND/ OR PLUMBING, CHEMICALS, VOLATILE OR TOXIC GASES (SUCH AS A TYPICAL EDUCATIONAL CHEMISTRY LABORATORY) OVER ENGINEERING SUPPORT SPACE.

INPUT SCREEN 7 - MILCON BASE INFO

HEAVY LABORATORY

REQUIRES SIGNIFICANT CONSUMPTION OF POWER, AIR CONDITIONING AND/ OR HOODS/SPECIAL VENTILATION FOR TOXIC/EXPLOSIVE GASES, AND/ OR SPECIAL STRUCTURES FOR FRANGIBLE ROOFS/DOORS, HEAVY FLOORS AND WALLS, AND BRIDGE CRANES.

UNIQUE FACILITIES

FACILITIES THAT ARE DIFFICULT TO CATAGORIZE AS LIGHT/MEDIUM /HEAVY LABORATORIES OR LIGHT/MEDIUM SCIFs

FACILITIES DEFINITIONS

LIGHT SCIF

ADMINISTRATIVE OR STORAGE AREAS REQUIRING A SECRET/
COLLATERAL VAULTED ENCLOSURE

HEAVY SCIF

AREAS REQUIRING EITHER SPECIAL COMPARTMENTED
INFORMATION OR LARGE POWER, RED/BLACK POWER FILTERS, AND/
OR LARGE AIR CONDITIONING, AND/ OR RAISED COMPUTER FLOOR
FOR A VAULTED LABORATORY ENVIRONMENT.

BRAC '95 MILCON ESTIMATE

Gaining Base: Fort Monmouth

Option: 400

Drill: 1

Date: 1/19/95

Scenario: Rome Lab from Griffiss to Fort Monmouth

Cat Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
Other Requirements												
610-123	AF PLANT ADMINISTRATION OFFICE				0				40238	SF	1.18	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-924	Light Lab				0				12198	SF	0.41	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
312-477	MEDIUM LAB				0				22234	SF	1.32	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-911	HEAVY LAB				0				1559	SF	0.2	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
610-000	LIGHT SCIF				0				8810	SF	0.26	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
131-132	HEAVY SCIF				0				9827	SF	0.79	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
935-000	OTHER				0				278	EA	1.32	Army engineers did not include systems furniture in their estimate. Existing furniture is used and mismatched AFMC included system furniture in the Rome to Hanscom estimate. Include here also.
									94995		5.48	
Dorms												
721-312	DORMITORY					0			0	SF	0	
E1-E4				0	0				0			
E5-E7				0	0				0			
Requirement												
Dining Halls												
722-351	AIRMEN DINING HALL (DETACHED)				0	PN			0	SF	0	
											0	
											Milcon:	5.48
											BOS	0.27

Cal Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
											5.75	
Subtotal											0 UN	0

Military Family Housing
 710-000
 BRAC: 10 0
 Oflr Amn 7
 Adjstmnt 0 0
 Fina# 10 0

Subtotal 5.75
 Planning 0.52
 TOTAL 6.27
 Total SF: 94,895 SF

BRAC Milcon Estimate Worksheet to Move Rome Lab to Hanscom (AF-09)

Gaining Base: Hanscom

Option: 400

Drill: 1

Date: 02-03-1995

Sheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

CATEGORIES	Titles	Questionnaire Identified Excess Scope	Program'd SCOPE	U/M	6% SIOH (\$K)	TOTAL (\$M)
Other Require						
610-123	AF PLANT ADMINISTRATION OF	64000	0	SF	0.00	0.00
310-924	Light Lab	0	0	SF	0.00	0.00
312-477	MEDIUM LAB	0	12065	SF	227.25	4.01
310-911	HEAVY LAB	0	1485	SF	61.17	1.08
610-000	LIGHT SCIF	0	8393	SF	99.31	1.75
131-132	HEAVY SCIF	0	9361	SF	249.19	4.40
935-000	OTHER	0	378	EA	99.06	1.75
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
						12.99
					Milcon:	12.99
					BOS	1.30
					Subtotal	14.29
Military Family						
710-000	FAMILY HOUSING	-253	0	UN	0.00	0.00
						0.00
					Subtotal	14.29
					Planning	1.29
					TOTAL	15.58

Notes for Worksheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

610-123: Cost based on AFMC/XP/CE site survey. Original: renovate facilities 1607 (46,700 SF) and 1605 (7,000 SF) at 70% of new construction costs. No renovations required for Facilities 1302F (28,000 SF) and 1302FA (13,300 SF). Phillips Lab space available = 64,000, therefore, NO scope provided. Total to Hanscom is 54,762 SF. Total admin rqmt = 95,000 SF.

310-924: Cost based on AFMC/XP/CE site survey. Original cost based on renovation of facilities 1102D (12,300 SF) and 1607 (16,500 SF). Used 70% of new construction costs. Phillips Lab has 100,000 SF available for light lab, therefore no renovation required. Total Light Lab requirement = 28,800 SF. Total to Hanscom is 16,602 SF.

312-477: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (30,436 SF) - space available from PL (13,200 SF). Use 70% of new construction cost = 17,236 SF. Adjust program amount to 12,065 SF. Total Medium Lab requirement = 52,800 SF.

310-911: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (2,121 SF). Use 70% of new construction cost. Adjust program amount 1,485 SF. Total Heavy Lab requirement = 3,680 SF.

610-000: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 & 1st floor 1302F (11,990 SF). Use 70% of new construction cost. Adjust program amount 8,393 SF. Total Light SCIF requirement = 11,990 SF.

131-132: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (13,373 SF). Use 70% of new construction cost. Adjust program amount 9,361 SF.

935-000: Total rqmt is 656 units. Hanscom rqmt is 378 units.

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Department of the Air Force Scenario Development Data Call Tasking

5. Other Costs/Savings Associated with the Scenario. Use the following table to identify any other one-time or recurring costs/savings associated with this transfer. Please also provide a brief description of any costs/savings identified.

Accounting Base:		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs		\$1.4M*					\$1.4M*
b.	One-Time Unique Savings							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs							
e.	Misc. Recurring Savings							
f.	Land Purchases							

* Premise Wire 869K; Telephone Switch Upgrade 80K; Outside Cable Plant 490K
 6. Recurring Base Military Construction Cost Data. Identify any construction requirements associated with this transfer. If any costs are provided for standard categories of construction, show these costs in the Comments column.

Category (Unit)	New Construction Requirements	Rehabilitation Requirement *	Comments *
Horizontal (SY)			
Berthing (Waterfront) (FB)			
Air Maintenance (Air Ops) (SF)			
Other Operations (SF)			
Administration (SF)		\$ 1,900,000	\$ 20/SF X 95,000 SF
Training (School Bldg) (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Family Housing (Units)			
Supply/Storage (SF)			
Dining Facilities (SF)			
Perz. Supp (Recreation) (SF)			
Communications (SF)			
Utilities (SF)			
Light Lab Facility (SF)		\$ 720,000	\$ 20/SF X 36,000 SF
Medium Lab Facility (SF)		\$ 2,640,000	\$ 40/SF X 66,000 SF
Heavy Lab Facility (SF)		\$ 276,000	\$ 60/SF X 4,600 SF
Light SCIF (SF)		\$ 910,000	\$ 35/SF X 26,000 SF
Heavy SCIF (SF)		\$ 1,595,000	\$ 55/SF X 29,000 SF
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental (S)			
Other:	REFERENCE CECOM CERTIFICATION MEMO, 3 JAN 95 AND 40 AMC CERTIFICATION MEMO, 11 JAN 95, COST ESTIMATES FOR UNIQUE EAMT REHAB COULD BE SIGNIFICANTLY REDUCED BY SHARING WITH SAME EQUIPMENT ALREADY LOCATED AT FORT MOUTH! THESE ESTIMATES ARE COSTED USING AIR FORCE SF REQUIREMENTS AS STATED WITHOUT SHARING OPTIONS DUE TO COLLOCATION, AIR FORCE CONTROL #: <u>AF-10</u>		

Encl 2

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29 Dec 94

MEMORANDUM FOR HQ USAF/RTR

SUBJECT: One Time Movement Costs - Rome Lab West

FROM: HQ USAF/XP
4375 Chidlaw Rd/ Suite 6
Wright-Patterson AFB OH 45433-5006

1. The following equipment move to the new location if Rome Lab West is relocated. This is based on the assumption that only the equipment at Rome Lab will move and that the equipment at the test areas will stay.

<u>Item</u>	<u>Total Cost</u>
Cryogenic Chamber	\$1,630.000K
Large Anechoic Chamber	\$2,450.000K
RF Shielded Enclosure	\$1,375.000K
<u>Small Anechoic Chamber</u>	<u>\$1,368.000K</u>
Total One Time Moving Cost	\$6,823.000K

point of contact is myself at DSN 787-2622.

3. I certify this data is accurate to the best of my knowledge and belief.


DENNIS M. PIPER, Major, USAF
Senior Logistics Analyst
HQ AFMC/XPX, DSN 787-2622

1 Atch
BRAC '95 USAF Base Questionnaire, Section IV/V, Part B

I certify this data is accurate to the best of my knowledge and belief.


TERRY L. BALVEN, Colonel, USAF
Chief, Plans and Programs Integration
Directorate of Plans
HQ AFMC/XP, DSN 787-7100

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

Section IV/V

A. Non Payroll Budget

B. Large, Unusual Items Integral to the Mission

Does the base have large, unusual items which are integral to the unit mission, but which cannot be moved as regular freight, e.g., flight simulators?

Yes

Does the value of all the above equipment exceed \$500,000? Yes

NO If yes to both the above questions, identify the piece(s) of equipment. 12 Aircraft used for R & D

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 1,025.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 369.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 1,100.000 K

Total cost to teardown, move, and setup each item. \$ 2,494.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. 22 Towers - 50 - 180 ft length

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 500.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 57.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 940.000 K

Total cost to teardown, move, and setup each item. \$ 1,497.000 K

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

If yes to both the above questions, identify the piece(s) of equipment. Cryogenic Chamber

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 750.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 80.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 800.000 K

Total cost to teardown, move, and setup each item. \$ 1,630.000 K

If yes to both the above questions, identify the piece(s) of equipment. Large Anechoic Chamber

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 1,100.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 150.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 1,200.000 K

Total cost to teardown, move, and setup each item. \$ 2,450.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. LF/HF Tower - 1200ft

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 1,100.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 200.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 1,100.000 K

Total cost to teardown, move, and setup each item. \$ 2,400.000 K

NO If yes to both the above questions, identify the piece(s) of equipment. Microwave Tower System

If yes to both the above questions, what is the estimate to TEARDOWN this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to MOVE this equipment 1000 miles? \$ 49.000 K

If yes to both the above two questions, what is the estimate to SETUP this equipment? \$ 600.000 K

Total cost to teardown, move, and setup each item. \$ 1,249.000 K

1995 AIR FORCE BASE QUESTIONNAIRE
ROME LABORATORY

If yes to both the above questions, identify the piece(s) of equipment. RF Shielded Enclosure

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 75.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 700.000 K

Total cost to teardown, move, and setup each item. \$ 1,375.000 K

If yes to both the above questions, identify the piece(s) of equipment. Small Anechoic Chamber

If yes to both the above questions, what is the estimate to **TEARDOWN** this equipment and prepare it for movement? \$ 600.000 K

If yes to both the above two questions, what is the estimate to **MOVE** this equipment 1000 miles? \$ 68.000 K

If yes to both the above two questions, what is the estimate to **SETUP** this equipment? \$ 700.000 K

Total cost to teardown, move, and setup each item. \$ 1,368.000 K

Total cost to teardown, move, and setup all items. \$ 14,463.000 K

CERTIFICATION

1. According to 30 Nov 94 PCN SB004-024, Vehicle Master List, Rome Lab (RL) currently has 53 vehicle equivalences in its inventory.

2. RL's one time moving cost is the equipment moving cost. This was a rough order of magnitude estimate based on previous Phillips Lab Consolidation Study. This was a grass roots effort accomplished during the 1991 round of base closures. Our office is currently trying to obtain a copy of this estimate. The cost of moving heavy research equipment was analyzed based on similar types of disassembly, transport, and reassemble costs. Contracts for test and calibration were not specifically addressed in this study under the assumption that government researchers would perform these functions as their first task before they could begin using it. This cost does not include the costs of relocating the 9 off base research sites in the surrounding areas of Griffiss AFB NY. Previous RL estimate for moving equipment was \$14.4M.

I certify that the above information is accurate and complete to the best of my knowledge and belief.

Preparer:



Date: 27 Dec 94

CHUNG C. KANG, Maj, USAF, HQ AFMC/STCP, DSN: 787-6561

BRAC '95 MILCON ESTIMATE

Gaining Base: Fort Monmouth
 Option: 400
 Drill: 1
 Date: 1/19/95
 Scenario: Rome Lab from Griffiss to Fort Monmouth

Cat Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
Other Requirements												
610-123	AF PLANT ADMINISTRATION OFFICE				0				40238 SF		1.18	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-924	Light Lab				0				12198 SF		0.41	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
312-477	MEDIUM LAB				0				22234 SF		1.32	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-911	HEAVY LAB				0				1559 SF		0.2	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
610-000	LIGHT SCIF				0				8810 SF		0.26	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
131-132	HEAVY SCIF				0				9827 SF		0.78	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
935-000	OTHER				0				278 EA		1.32	Army engineers did not include systems furniture in their estimate. Existing furniture is used and mismatched. AFMC included system furniture in the Rome to Hanscom estimate. Include here also.
									94995		5.48	
Dorms												
721-312	DORMITORY					0			0 SF		0	
E1-E4				0	0				0			
E5-E7				0	0				0			
Requirement				0	0						0	
Dining Halls												
722-351	AIRMEN DINING HALL (DETACHED)			0	PN		0		0 SF		0	
											0	
											Milcon:	6.48
											BOS	0.27

Cat Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Acft Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
											Subtotal	6.75
Military Family Housing 710-000	FAMILY HOUSING	BRAC:		Ofcr 10	Ann 0	7				0 UN	0	
		Adjstmnt		0	0						0	
		Final#		10	0							
											Subtotal	5.75
											Planning	0.52
											TOTAL	6.27
											Total SF:	94,995 SF

BRAC Milcon Estimate Worksheet to Move Rome Lab to Hanscom (AF-09)

Gaining Base: Hanscom

Option: 400

Drill: 1

Date : 02-03-1995

Sheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

CATEGORIES	Titles	Questionnaire Identified Excess Scope	Program'd SCOPE	U/M	6% SIOH (\$K)	TOTAL (\$M)
Other Require						
610-123	AF PLANT ADMINISTRATION OF	64000	0	SF	0.00	0.00
310-924	Light Lab	0	0	SF	0.00	0.00
312-477	MEDIUM LAB	0	12065	SF	227.25	4.01
310-911	HEAVY LAB	0	1485	SF	61.17	1.08
610-000	LIGHT SCIF	0	8393	SF	99.31	1.75
131-132	HEAVY SCIF	0	9361	SF	249.19	4.40
935-000	OTHER	0	378	EA	99.06	1.75
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
						12.99
					Milcon:	12.99
					BOS	1.30
					Subtotal	14.29
Military Family						
710-000	FAMILY HOUSING	-253	0	UN	0.00	0.00
						0.00
					Subtotal	14.29
					Planning	1.29
					TOTAL	15.58

Notes for Worksheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

610-123: Cost based on AFMC/XP/CE site survey. Original: renovate facilities 1607 (46,700 SF) and 1605 (7,000 SF) at 70% of new construction costs. No renovations required for Facilities 1302F (28,000 SF) and 1302FA (13,300 SF). Phillips Lab space available = 64,000, therefore, NO scope provided. Total to Hanscom is 54,762 SF. Total admin rqmt = 95,000 SF.

310-924: Cost based on AFMC/XP/CE site survey. Original cost based on renovation of facilities 1102D (12,300 SF) and 1607 (16,500 SF). Used 70% of new construction costs. Phillips Lab has 100,000 SF available for light lab, therefore no renovation required. Total Light Lab requirement = 28,800 SF. Total to Hanscom is 16,602 SF.

312-477: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (30,436 SF) - space available from PL (13,200 SF). Use 70% of new construction cost = 17,236 SF. Adjust program amount to 12,065 SF. Total Medium Lab requirement = 52,800 SF.

310-911: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (2,121 SF). Use 70% of new construction cost. Adjust program amount 1,485 SF. Total Heavy Lab requirement = 3,680 SF.

610-000: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 & 1st floor 1302F (11,990 SF). Use 70% of new construction cost. Adjust program amount 8,393 SF. Total Light SCIF requirement = 11,990 SF.

131-132: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (13,373 SF). Use 70% of new construction cost. Adjust program amount 9,361 SF.

935-000: Total rqmt is 656 units. Hanscom rqmt is 378 units.

Item 4

of

**Mr. Sherwood Boehlert's Second
17 Mar 95 Letter**

Department : Air Force
 Relocation Package : Rome Lab to Ft Monmouth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

Starting Year : 1996
 Final Year : 1999
 ROI Year : 2003 (4 Years)

NPV in 2015(\$K): -98,364
 1-Time Cost(\$K): 52,806

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,370	5,462	5,462	6,555	0	0	21,850	0
Person	0	-664	-1,790	-515	-2,296	-2,296	-7,561	-2,296
Overhd	378	-591	-2,978	-4,397	-9,213	-9,213	-26,015	-9,213
Moving	0	4,050	4,847	15,924	0	0	24,821	0
Missio	0	0	0	0	0	0	0	0
Other	0	343	398	1,307	0	0	2,049	0
TOTAL	4,748	8,602	5,938	18,873	-11,509	-11,509	15,143	-11,509

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	50	0	0	0	0	50
TOT	0	50	0	0	0	0	50

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	2	8	0	0	10
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	130	173	570	0	0	873
TOT	0	130	175	578	0	0	883

Summary:

 Closure of Rome lab in four years and move C3 and Electro/Rel directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes)
 Option 4 (was option 4.2)
 Screen 4 data is from Army response
 Use inflated Army MILCON numbers (from AF/CEP)
 Other assumptions similar to AF run (consolidation savings on Hanscom move)
 Army upgrade numbers modified as appropriate.
 No savings taken due to force structure reduction at Hanscom (geophysics)

Department : Air Force
 Action Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

	Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	4,370	5,462	5,462	6,555	0	0	21,850	0
Person	0	502	557	1,879	98	98	3,135	98
Overhd	378	780	1,274	3,063	2,828	2,828	11,150	2,828
Moving	0	4,050	4,850	15,936	0	0	24,836	0
Missio	0	0	0	0	0	0	0	0
Other	0	343	398	1,307	0	0	2,049	0
TOTAL	4,748	11,138	12,542	28,740	2,926	2,926	63,021	2,926

	Savings (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	0	0	0	0	0	0	0	0
Person	0	1,166	2,348	2,394	2,394	2,394	10,696	2,394
Overhd	0	1,370	4,253	7,460	12,041	12,041	37,166	12,041
Moving	0	0	3	12	0	0	16	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	0	2,537	6,604	9,867	14,435	14,435	47,877	14,435

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 16:15 02/04/1995, Report Created 16:18 02/04/1995

Agency : Air Force
 Action Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

(All values in Dollars)

Category	Cost	Sub-Total
Construction		
Military Construction	21,850,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		21,850,000
Personnel		
Civilian RIF	1,000,471	
Civilian Early Retirement	390,393	
Civilian New Hires	1,252,000	
Eliminated Military PCS	0	
Unemployment	172,260	
Total - Personnel		2,815,124
Overhead		
Program Planning Support	1,034,394	
Mothball / Shutdown	221,250	
Total - Overhead		1,255,644
Moving		
Civilian Moving	17,375,787	
Civilian PPS	432,000	
Military Moving	53,843	
Weight	151,844	
One-Time Moving Costs	6,823,000	
Total - Moving		24,836,475
Other		
HAP / RSE	859,732	
Environmental Mitigation Costs	0	
One-Time Unique Costs	1,189,000	
Total - Other		2,048,732
Total One-Time Costs		52,805,976
One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	15,700	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		15,700
Total Net One-Time Costs		52,790,276

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 16:15 02/04/1995, Report Created 16:18 02/04/1995

Department : Air Force
Construction Package : Rome Lab to Ft Mnmth
Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
FT MONMOUTH	6,270	0	0	0	6,270
ROME LAB	0	0	0	0	0
HANSCOM	15,580	0	0	0	15,580

Totals:	21,850	0	0	0	21,850

Department : Air Force
 Option Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\URL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

ONE-TIME COSTS	1996	1997	1998	1999	2000	2001	Total
-----(\$K)-----	----	----	----	----	----	----	-----
CONSTRUCTION							
MILCON	4,370	5,462	5,462	6,555	0	0	21,850
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	200	182	618	0	0	1,000
Civ Retire	0	80	71	239	0	0	390
CIV MOVING							
Per Diem	0	315	423	1,394	0	0	2,133
POV Miles	0	4	5	18	0	0	28
Home Purch	0	1,015	1,359	4,480	0	0	6,854
HHG	0	537	719	2,369	0	0	3,625
Misc	0	58	78	256	0	0	392
House Hunt	0	197	265	873	0	0	1,336
PPS	0	432	0	0	0	0	432
RITA	0	445	596	1,966	0	0	3,008
FREIGHT							
Packing	0	21	28	93	0	0	142
Freight	0	0	1	2	0	0	4
Vehicles	0	0	0	0	0	0	0
Driving	0	1	1	4	0	0	6
Unemployment	0	34	31	106	0	0	172
OTHER							
Program Plan	378	284	213	159	0	0	1,034
Shutdown	0	73	73	75	0	0	221
New Hire	0	188	248	816	0	0	1,252
1-Time Move	0	1,023	1,364	4,436	0	0	6,823
PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	1	0	0	1
POV Miles	0	0	0	0	0	0	0
HHG	0	0	9	36	0	0	45
Misc	0	0	1	6	0	0	7
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	166	161	532	0	0	860
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	177	237	775	0	0	1,189
TOTAL ONE-TIME	4,748	10,715	11,529	25,813	0	0	52,806

Department : Air Force
 Action Package : Rome Lab to Ft Mmath
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\URL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	423	988	2,828	2,828	2,828	9,895	2,828
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	25	98	98	98	320	98
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	423	1,013	2,926	2,926	2,926	10,215	2,926
TOTAL COST	4,748	11,138	12,542	28,740	2,926	2,926	63,021	2,926
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
PERSONNEL								
1 Moving	0	0	3	12	0	0	16	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	3	12	0	0	16	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	1,256	3,826	6,570	8,136	8,136	27,924	8,136
BOS	0	114	427	890	3,905	3,905	9,241	3,905
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	1,166	2,332	2,332	2,332	2,332	10,494	2,332
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	15	62	62	62	202	62
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	2,537	6,600	9,854	14,435	14,435	47,862	14,435
TOTAL SAVINGS	0	2,537	6,604	9,867	14,435	14,435	47,877	14,435

Department : Air Force
 Option Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	4,370	5,462	5,462	6,555	0	0	21,850	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	280	253	858	0	0	1,391	
Civ Moving	0	3,027	3,475	11,457	0	0	17,960	
Other	378	1,602	1,929	5,593	0	0	9,503	
MIL PERSONNEL								
Mil Moving	0	0	8	30	0	0	38	
OTHER								
MAP / RSE	0	166	161	532	0	0	860	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	177	237	775	0	0	1,189	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	4,748	10,715	11,526	25,801	0	0	52,790	
RECURRING NET	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	-1,256	-3,826	-6,570	-8,136	-8,136	-27,924	-8,136
BOS	0	308	562	1,938	-1,077	-1,077	653	-1,077
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	-1,166	-2,332	-2,332	-2,332	-2,332	-10,494	-2,332
MPUS	0	0	0	0	0	0	0	0
PERSONNEL								
l Salary	0	0	0	0	0	0	0	0
House Allow	0	0	9	36	36	36	118	36
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-2,114	-5,587	-6,928	-11,509	-11,509	-37,647	-11,509
TOTAL NET COST	4,748	8,602	5,938	18,873	-11,509	-11,509	15,143	-11,509

Department : Air Force
 Mission Package : Rome Lab to Ft Monmouth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
FT MONMOUTH, NJ	Realignment
ROME LAB, NY	Closes in FY 1999
HANSCOM, MA	Realignment

Summary:

 Closure of Rome lab in four years and move C3 and Electro/Rel directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes)
 Option 4 (was option 4.2)
 Screen 4 data is from Army response
 Use inflated Army MILCON numbers (from AF/CEP)
 Other assumptions similar to AF run (consolidation savings on Hanscom move)
 Army upgrade numbers modified as appropriate.
 No savings taken due to force structure reduction at Hanscom (geophysics)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
FT MONMOUTH, NJ	ROME LAB, NY	276 mi
ROME LAB, NY	HANSCOM, MA	276 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from ROME LAB, NY to FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	4	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	55	73	241	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	3	4	10	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from ROME LAB, NY to HANSCOM, MA

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	0	1	4	0	0
Enlisted Positions:	0	0	0	0	0	0
Civilian Positions:	0	75	100	329	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	5	9	22	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Department : Air Force
 Location Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: FT MONMOUTH, NJ

Total Officer Employees:	416	RPMA Non-Payroll (\$K/Year):	10,331
Total Enlisted Employees:	505	Communications (\$K/Year):	0
Total Student Employees:	406	BOS Non-Payroll (\$K/Year):	60,417
Total Civilian Employees:	7,341	BOS Payroll (\$K/Year):	39,183
Mil Families Living On Base:	100.0%	Family Housing (\$K/Year):	3,861
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.19
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,474	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	441	Activity Code:	34555
Enlisted VHA (\$/Month):	261		
Per Diem Rate (\$/Day):	103	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: ROME LAB, NY

Total Officer Employees:	84	RPMA Non-Payroll (\$K/Year):	8,136
Total Enlisted Employees:	46	Communications (\$K/Year):	120
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	3,714
Total Civilian Employees:	786	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.10
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	177	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	57	Activity Code:	44
Enlisted VHA (\$/Month):	86		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: HANSCOM, MA

Total Officer Employees:	852	RPMA Non-Payroll (\$K/Year):	6,164
Total Enlisted Employees:	872	Communications (\$K/Year):	3,704
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	18,161
Total Civilian Employees:	2,354	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	59.0%	Family Housing (\$K/Year):	8,996
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.29
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,425	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	432	Activity Code:	AF036
Enlisted VHA (\$/Month):	303		
Per Diem Rate (\$/Day):	139	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Mission Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: FT MONMOUTH, NJ

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	88	118	386	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	20%	25%	25%	30%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: ROME LAB, NY

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	89	119	389	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	1,023	1,364	4,436	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	100%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	33%	33%	34%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	177	Perc Family Housing ShutDown:				100.0%

Name: HANSCOM, MA

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	20%	25%	25%	30%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Department : Air Force
 Mission Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: ROME LAB, NY

	1996	1997	1998 -	1999	2000	2001
Off Force Struc Change:	0	-74	0	0	0	0
Enl Force Struc Change:	0	-46	0	0	0	0
Civ Force Struc Change:	0	137	0	0	0	0
Sta Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-50	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: FT MONMOUTH, NJ

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
ARMY MILCON	OTHER	0	0	6,270
CE Estimat 2/3/95				

Name: HANSCOM, MA

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Session Facilities	OTHER	0	0	15,580
CE Estimate 2/3/95				

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Final Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

Department : Air Force
 Mission Package : Rome Lab to Ft Mmth
 Scenario File : C:\COBRA\LAB95\FINAL\JCSG\RL-HM42.CBR
 Std Fctrs File : C:\COBRA\LAB95\FINAL\JCSG\DEPOTFIN.SFF

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HKG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HKG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HKG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HKG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HKG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyards Maintenance	(SF)	0	Optional Category N	()	0
& E Facilities	(SF)	0	Optional Category O	()	0
Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

SHERWOOD BOEHLERT
23rd DISTRICT, NEW YORK

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March 20, 1995

The Honorable Sheila Widnall
Secretary
Department of The Air Force
SAF/OS
1670 Air Force Pentagon
Washington, DC 20330

Dear Madam Secretary:

I appreciate your attentive and timely responses to my inquiries on Rome Lab. I need more information to fully analyze the military construction estimates used in your analysis.

(1) How much excess space was identified as available at Fort Monmouth for receiving Rome Lab functions?

(2) Was this space evaluated for specific utility for the relocating functions, or was it identified only as square footage by category of space?

(3) Did the Secretary of the Army or his staff certify the availability of the space, apparently identified as excess, at Fort Monmouth? And, is it certified that this space was not required for other uses, including the reduction of off-post leased space in accordance with Department of Defense policy?

(4) Were the construction estimates at Fort Monmouth provided by Fort Monmouth or were they prepared by Department of Army staff?

(5) Did the Secretary of the Army or his staff certify the construction estimates at Fort Monmouth? Did the Secretary of the Army certify the information used in accordance with the Services' internal control plans and, if so, please provide me copies of the data with the appropriate certifications?

On a similar note, the drastic change from the Air Force's assessment in the level playing field COBRA analysis and the final recommendation analysis is significant. Apparently, a large amount of facilities not previously identified as available at Hanscom AFB must have been subsequently identified. Please provide me with the certified data showing the space identified at Hanscom as available and an explanation of how and when this space became available.

And finally, I would like copies of the certified data that shows how any excess facilities at Hanscom AFB were assessed for compatibility with the Rome Lab functions proposed in the move.

page 2

I realize that the laboratory issue was a very difficult one to address. I also understand that you and your staff are very busy right now, but I need answers to these questions quickly so that I can have them by 29 March 1995 in advance of the April 5th Defense Base Closure and Realignment Commission visit to Rome Lab.

I look forward to your reply and appreciate your cooperation.

With warmest regards,

Sincerely,



Sherwood Boehlert
Member of Congress

SB:ew



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

MAR 24 1995

OFFICE OF THE SECRETARY

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable Sherwood L. Boehlert
House of Representatives
Washington, DC 20515-3223

Dear Mr. Boehlert

This is in response to your letter of March 20, 1995, to the Secretary of the Air Force requesting additional information concerning the Department of Defense (DoD) recommendation to close Rome Laboratory, New York, and relocate its functions to Hanscom Air Force Base (AFB), Massachusetts, and Fort Monmouth, New Jersey. Responses to your questions are as follows:

QUESTION 1: How much excess space was identified as available at Fort Monmouth for receiving Rome Lab functions?

RESPONSE: The excess space was identified by the Army Basing Study (TABS) Office (Attachment 1) as follows:

Administrative - 95,000 SF

Light industrial Laboratory - 36,000 SF

Medium industrial laboratory - 66,000 SF

Heavy industrial laboratory - 4,600 SF

Light Specialized Compartmentalized Information Facility (SCIF) - 26,000 SF

Heavy Specialized Compartmentalized Information Facility (SCIF) - 29,000 SF

QUESTION 2: Was this space evaluated for a specific utility for the relocating functions, or was it identified only as square footage by category of space?

RESPONSE: The space was identified by the Army as square footage by category. However, the Air Force sent an Air Force Civil Engineering (AF/CE) and Air Force Realignment and Transition (AF/RT) team to perform a preliminary site survey to ensure the credibility of the Army response. We plan to perform a detailed site survey on April 10-14, 1995, to identify the square footage, building types, and locations of areas where industrial elements now at Rome Lab are to be located at Fort Monmouth. This information will be provided to your office upon receipt.

QUESTION 3: Did the Secretary of the Army or his staff certify the availability of the space, apparently identified as excess, at Fort Monmouth? And, is it certified that this space was not required for other uses, including the reduction of off-post leased space in accordance with Department of Defense policy?

RESPONSE: This space was certified by the Army Basing Study (TABS) Office (Attachment 1). In addition, the Commander of Fort Monmouth certified that all of the requirements for Air Force use of Fort Monmouth facilities were met (Attachment 2).

QUESTION 4: Were the construction estimates at Fort Monmouth provided by Fort Monmouth or were they prepared by Department of Army Staff?

RESPONSE: The parameters for the construction estimates were prepared by Fort Monmouth and reviewed and certified by Department of the Army staff (Attachment 1). The actual construction estimates, using the Army certified parameters, were prepared by AF/CE (Attachment 3).

QUESTION 5: Did the Secretary of the Army or his staff certify the construction estimates at Fort Monmouth? Did the Secretary of the Army certify the information used in accordance with the Services' internal control plans and, if so, please provide me copies of the data with the appropriate certifications?

RESPONSE: The parameters for the construction estimates were prepared by Fort Monmouth and reviewed and certified by Department of the Army staff. The actual construction estimates, using the Army certified parameters were prepared by AF/CE (Attachment 3). The certifications of the Fort Monmouth Commander (Attachment 2) and the Department of the Army (Attachment 4) are attached.

QUESTION 6: On a similar note, the drastic change from the Air Force's assessment in the level playing field COBRA analysis and the final recommendation analysis is significant. Apparently, a large amount of facilities not previously identified as available at Hanscom AFB must have been subsequently identified. Please provide me with the certified data showing the space identified at Hanscom AFB as available and an explanation of how and when this space became available.

✓
RESPONSE: The significant reduction in military construction (MILCON) for the Rome Lab closure is primarily attributable to a change in the primary assumptions and the relocation of the personnel to two installations. The level playing field estimate assumed that the Rome Lab facilities would have to be rebuilt in their entirety at the receiving site (new construction) while the current assumption is that they must be accommodated with either existing facilities or new construction. A preliminary site survey was conducted in December 1994 to check the facility availability. The AF/CE estimate for the recommendation COBRA (Attachment 5) shows space identified and MILCON requirements for Hanscom AFB. In addition, approximately 40 percent of the Rome Lab personnel and the associated space requirement, is currently projected to be housed at Fort Monmouth.

Lastly, your request for copies of the certified data that shows how many excess facilities at Hanscom AFB were assessed for compatibility with Rome Lab functions proposed in the move will be provided upon completion of our site survey referenced in Question 2.

We trust the information provided is useful.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison

5 Attachments

FOR OFFICIAL USE ONLY

Department of the Air Force Scenario Development Data Call Tasking

5. Other Costs/Savings Associated with the Scenario. Use the following table to identify any other one-time or recurring costs/savings associated with this transfer. Please also provide a brief description/explanation of any costs/savings identified.

Accepting Base:		1996	1997	1998	1999	2000	2001	Total
a.	One-Time Unique Costs		\$1.4M*					\$1.4M*
b.	One-Time Unique Savings							
c.	Environ. Mitigation							
d.	Misc. Recurring Costs							
e.	Misc. Recurring Savings							
f.	Land Purchases							

* Premise Wire 869K; Telephone Switch Upgrade 80K; Outside Cable Plant 490K.
 6. Receiving Base Military Construction Cost Data. Identify any construction requirements associated with this transfer. If any costs are provided for standard categories of construction, show these costs in the Comments column.

Category (Units)	New Construction Requirement	Rehabilitation Requirement *	Comments *
Horizontal (SY)			
Drinking (Waterfront) (FB)			
Mail (Air Ops) (SF)			
Motor Operations (SF)			
Administrative (SF)		\$1,900,000	\$20/SF X 95,000 SF
Training (School Bldg) (SF)			
Maintenance (SF)			
Bachelor Quarters (SF)			
Family Housing (Units)			
Supply Storage (SF)			
Dining Facilities (SF)			
Pers. Supp (Recreation) (SF)			
Communications (SF)			
Offices (SF)			
Light Lab Facility (SF)		\$720,000	\$20/SF X 36,000 SF
Medium Lab Facility (SF)		\$2,640,000	\$40/SF X 66,000 SF
Heavy Lab Facility (SF)		\$276,000	\$60/SF X 4,600 SF
Light SCIF (SF)		\$910,000	\$35/SF X 26,000 SF
Heavy SCIF (SF)		\$1,595,000	\$55/SF X 29,000 SF
POL Storage (BL)			
Ammo Storage (SF)			
Medical Facilities (SF)			
Environmental (S)			
Other:	* REFERENCE CEPOM CERTIFICATION MEMO, 3 JAN 95 AND HQ AMC CERTIFICATION MEMO, 11 JAN 95, COST ESTIMATES FOR UNIQUE EQMT REHAB COULD BE SIGNIFICANTLY REDUCED BY SHARING WITH SAME EQUIPMENT ALREADY LOCATED AT FORT MOUTH! THESE ESTIMATES ARE COSTED USING AIR FORCE SF REQUIREMENTS AS STATED WITHOUT SHARING TONS DUE TO COLLOCATION, AIR FORCE CONTROL #: AF-10		

Encl 2

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REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, US ARMY COMMUNICATIONS-ELECTRONICS COMMAND
AND FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5000



CLOSE HOLD

ANSEL-PE-BR

13 JAN 1995

MEMORANDUM FOR Commander, U.S. Army Materiel Command, ATTN: AMCRD-IT,
(Janet Benskin), 5001 Eisenhower Ave., Alexandria,
VA 22333

SUBJECT: BRAC 95 Data Call for AF-10; Rome Lab Griffiss Air Force Base

1. Reference is made to the following:

a. Memorandum dated 3 Jan 95, ANSEL-PE-BR, subject as above.

b. The Army Basing Study (TABS) office request on 12 Jan 95 for CECOM to modify the language of its previous certification to clarify an issue identified by the Air Force.

2. The referenced CECOM submission addressed the data call requested for the Air Force Scenario - AF-10. The data call identified a requirement of 256,600 square feet of space needed for the relocation of the Lab to Fort Monmouth. Some question was raised regarding the language in the referenced certification, i.e., CECOM's ability to meet the total space requirements.

3. All of the known administrative, laboratory and unique space requirements identified by the Air Force in the data call for Air Force Scenario AF-10 are met. In addition, CECOM currently has the unique facility requirements identified in the data call (cryogenic chamber, anechoic chamber and RF shielded enclosure).

4. I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

5. Point of contact for this action is Frank J. Cuffo, DSN 992-5937.

6. CECOM Bottom Line: THE SOLDIER.

GERARD P. BROHM
Major General, USA
Commanding

BRAC '95 MILCON ESTIMATE

Gaining Base: Fort Monmouth
 Option: 400
 Drill: 1
 Date: 1/19/95

HQ USAFICE

Scenario: Rome Lab from Griffiss to Fort Monmouth

Cat Codes	Titles	Deter'g Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
610-123	AF PLANT ADMINISTRATION OFFICE		0						40238 SF		1.18	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-924	Light Lab		0						12198 SF		0.41	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
312-477	MEDIUM LAB		0						22234 SF		1.32	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
310-911	HEAVY LAB		0						1559 SF		0.2	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
610-000	LIGHT SCIF		0						8810 SF		0.26	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
131-132	HEAVY SCIF		0						9827 SF		0.79	Space available in Meyer Center. Army engineers provided unit cost. Added 5% support, 10% cont, 6% SIOH, 5% BOS and 9% planning.
935-000	OTHER		0						278 EA		1.32	Army engineers did not include systems furniture in their estimate. Existing furniture is used and mismatched. AFMC included system furniture in the Rome to Hanscom estimate. Include here also.
Dorms									94995		5.48	
721-312	DORMITORY		0			0			0 SF		0	
E1-E4			0			0			0		0	
E5-E7			0			0			0		0	
Requirement Dining Halls			0			0			0		0	
722-351	AIRMEN DINING HALL (DETACHED)		0	PN		0			0 SF		0	
											6.48	Milcon:
											0.27	BOS

CLOSE HOLD - E BCEG Staff Only

Cat Codes	Titles	Deter's Unit	Sq Ratio	# of Unit	Unit Factor	SR for InB Act Rome Lab	Current Capacity	Excess Scope	Prog'd Scope	UM	Total (\$M)	Remarks
710-000	Military Family Housing FAMILY HOUSING										6.76	

BRAC: 10 0 0 7

Adjstmnt
Fina# 0 0 10 0

Subtotal 0 UN
Subtotal Planning 6.75 0.62
TOTAL 6.27
Total SF: 94,995 SF

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DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001



REPLY TO
 ATTENTION OF

AMCRD-IT

11 January 1995

MEMORANDUM FOR COLONEL MICHAEL G. JONES, DIRECTOR, THE ARMY
BASING STUDY OFFICE, 200 ARMY PENTAGON,
WASHINGTON, D.C. 20310-0200

SUBJECT: Base Realignment and Closure (BRAC) 95 Department of
the Air Force (AF) Scenario Development Data Tasking AF10
(Revised)

1. Reference facsimile, HQDA, DACS-TABS, 30 Dec 94, SAB.

2. As requested in above reference, AF data forms have been annotated to provide appropriate certified data (encl). As with the previously submitted Laboratories Joint Cross-Service Group BRAC 95 data submissions, we have maintained auditable records at all levels of the command, which are on file in the Headquarters, U.S. Army Materiel Command (HQ AMC), RDTE Integration Division. The data was certified by appropriate elements within each subordinate command and reviewed by appropriate elements within each subordinate command and reviewed by HQ AMC senior level officials.

3. The following exceptions and comments apply:

a. This command has recently provided similar data for a scenario to potentially relocate/collocate a Navy mission to Fort Monmouth. If both the Navy and Air Force scenarios are approved as BRAC 95 actions, Fort Monmouth would be able to accommodate both missions, but in separate locations, with modifications for office or lab space.

b. The AF submission also provides for the relocation of the Rome Lab into the Myer Center, which currently is a U.S. Army Communications-Electronics Command Research and Development facility. The majority of the space requirements are met utilizing space which will be vacated by the U.S Army Research Laboratory's Electronics and Power Sources Directorate in FY97, as a result of a BRAC 91 action. Although the cost of space requirements to accommodate unique equipment (i.e., large and small anechoic chambers, cryogenic chamber and RF shielded enclosure) have been included in the cost estimates, the cost estimate could be reduced significantly if the use of those same types of facilities/equipment currently in existence at Fort Monmouth were to be shared with the Air Force laboratory. Additionally, shared use of these existing facilities would reduce the relocation cost for that unique equipment.

AN-11-1995 09:30 FROM AMCRD-IT

TO

/*7#96939322 P.03

AMCRD-IT

SUBJECT: Base Realignment and Closure (BRAC) 95 Department of
the Air Force (AF) Scenario Development Data Tasking AF10
(Revised)

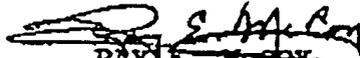
c. Although we have presumably included space for the 76
BASOPS personnel in our cost estimates, the rehabilitation cost
could be reduced if the BASOPS support personnel were to be
consolidated and collocated with existing BASOPS personnel.

4. I certify that the information contained in this submission
is accurate and complete to the best of my knowledge and belief.

5. The point of contact for this action is Ms. Janet Benskin,
AMCRD-IT, (703) 274-9862.

6. AMC -- America's Arsenal for the Brave.

Encl



RAY S. MCCOY
Major General, USA
Chief of Staff

BRAC Milcon Estimate Worksheet - Rome Lab to Hanscom (AF-09)

Gaining Base: Hanscom
 Option: 400
 Drill : 1
 Date : 02-03-1995
 Sheet 1 of 1 for Scenario: ROM36201c Rome Lab to Hanscom (AF-09)

CATEGORIES	Titles	Questionnaire Identified Excess Scope	Program'd SCOPE	U/M	6% SIOH (\$K)	TOTAL (\$M)
Other Require						
610-123	AF PLANT ADMINISTRATION OF	64000	0	SF	0.00	0.00
310-924	Light Lab	0	0	SF	0.00	0.00
312-477	MEDIUM LAB	0	12065	SF	227.25	4.01
310-911	HEAVY LAB	0	1435	SF	61.17	1.08
610-000	LIGHT SCIF	0	8393	SF	99.31	1.75
131-132	HEAVY SCIF	0	9361	SF	249.19	4.40
935-000	OTHER	0	378	EA	99.06	1.75
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
000-000		0	0		0.00	0.00
						12.99
					Milcon:	12.99
					BOS	1.30
					Subtotal	14.29
Military Family						
710-000	FAMILY HOUSING	-253	0	UN	0.00	0.00
						0.00
					Subtotal	14.29
					Planning	1.29
					TOTAL	15.58

Notes Worksheet 1 of 1 for Scenario: ROM36201 Rome Lab to Hanscom (AF-09)

610-123: Cost based on AFMC/XP/CE site survey. Original: renovate facilities 1607 (46,700 SF) and 1605 (7,000 SF) at 70% of new construction costs. No renovations required for Facilities 1302F (28,000 SF) and 1302FA (13,300 SF). Phillips Lab space available = 64,000, therefore, NO scope provided. Total to Hanscom is 54,762 SF. Total admin rqmt = 95,000 SF.

310-924: Cost based on AFMC/XP/CE site survey. Original cost based on renovation of facilities 1102D (12,300 SF) and 1607 (16,500 SF). Used 70% of new construction costs. Phillips Lab has 100,000 SF available for light lab, therefore no renovation required. Total Light Lab requirement = 28,800 SF. Total to Hanscom is 16,602 SF.

312-477: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (30,436 SF) - space available from PL (13,200 SF). Use 70% of new construction cost = 17,236 SF. Adjust program amount to 12,065 SF. Total Medium Lab requirement = 52,800 SF.

310-911: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (2,121 SF). Use 70% of new construction cost. Adjust program amount 1,485 SF. Total Heavy Lab requirement = 3,680 SF.

610-000: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 & 1st floor 1302F (11,990 SF). Use 70% of new construction cost. Adjust program amount 8,393 SF. Total Light SCIF requirement = 11,990 SF.

131-132: Cost based on AFMC/XP/CE site survey. Cost based on renovation of facility 1614 (13,373 SF). Use 70% of new construction cost. Adjust program amount 9,361 SF.

935-000: Total rqmt is 656 units. Hanscom rqmt is 378 units.

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CHAIRMAN, SUBCOMMITTEE ON
WATER RESOURCES AND ENVIRONMENT
SUBCOMMITTEE ON RAILROADS

U.S. DELEGATION, NORTH ATLANTIC ASSEMBLY
CHAIRMAN, NORTHEAST AGRICULTURE CAUCUS
CHAIRMAN, MINOR LEAGUE BASEBALL CAUCUS

FACSIMILE TRANSMISSION COVER SHEET

TO: Paul Freund

COMPANY: Survivors Group

FAX NUMBER: 703-378-5325 PHONE NUMBER: _____

FROM: Office of Congressman Sherwood Boehlert
2246 Rayburn House Office Building
Washington, D.C. 20515
(202) 225-3665 (phone)
(202) 225-1891 (fax)

- | | |
|---|--|
| <input type="checkbox"/> Dean D'Amore | <input type="checkbox"/> Leslie Caudle |
| <input type="checkbox"/> Siobhan Dugan | <input type="checkbox"/> Marcia Frenz |
| <input type="checkbox"/> Tina Hanonu | <input type="checkbox"/> Margaret Moore |
| <input type="checkbox"/> Julie Phillips | <input checked="" type="checkbox"/> Eric Webster |
| <input type="checkbox"/> Kevin Wheeler | <input type="checkbox"/> Jim Rogers |

DATE: 3/22 NUMBER OF PAGES: 2
(excluding cover sheet)

COMMENTS:
Just received this from the Air force
regarding excess capacity.
Eric



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

March 22, 1995

OFFICE OF THE SECRETARY

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable Sherwood L. Boehlert
House of Representatives
Washington, DC 20515

Dear Mr. Boehlert

This is in response to your letter of March 7, 1995, to the Secretary of the Air Force regarding excess capacity at Hanscom Air Force Base (AFB), Massachusetts, and Army CECOM, Fort Monmouth, New Jersey.

Our preliminary estimates of excess capacities (by facility type) at Hanscom AFB and Meyer Center, Fort Monmouth, are as follows:

Hanscom AFB, Massachusetts

- a. Administrative and light industrial laboratory - 141,300 SF (Facilities 1302F, 1302FA, 1105A, 1105B, 1102F, and 1107)
- b. Medium industrial laboratory - 52,800 SF (Facility 1614, and space available elsewhere from Phillips Laboratory)
- c. Heavy industrial laboratory - 3,680 SF (Facility 1614)
- d. Light Special Compartmentalized Information Facility (SCIF) - 20,800 SF (Facility 1614)
- e. Heavy Special Compartmentalized Information Facility (SCIF) - 23,200 SF (Facility 1614)

Meyer Center, Fort Monmouth, New Jersey

- a. Administrative - 950,000 SF
- b. Light industrial laboratory - 36,000 SF
- c. Medium industrial laboratory - 66,000 SF
- d. Heavy industrial laboratory - 4,600 SF
- e. Light Special Compartmentalized Information Facility (SCIF) - 26,000 SF
- f. Heavy Special Compartmentalized Information Facility (SCIF) - 29,000 SF

A detailed site survey is scheduled for April 10-14, 1995. During the site survey, we will identify the square footage, building types, and locations of areas where industrial elements now at Rome Laboratory are to be located at Hanscom AFB and Fort Monmouth. We also will identify all leased or rented space. This information will be provided to your office upon receipt.

We trust this information is useful.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison



DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
INSTALLATIONS LOGISTICS AND ENVIRONMENT
110 ARMY PENTAGON
WASHINGTON DC 20310-0110



March 24, 1995

Honorable Alan J. Dixon
Chairman
Defense Base Closure and
Realignment Commission
1700 N. Moore Street, Suite 1425
Arlington, VA 22209

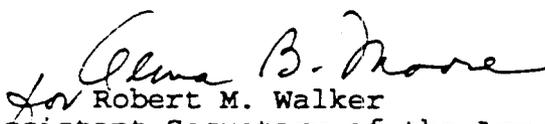
Please refer to this number
when responding 9503276

Dear Senator Dixon:

Thank you for the recent opportunity to testify before the Commission regarding the Army's 1995 base closure and realignment recommendations.

In response to your request to the Secretary of the Army, dated March 9, 1995, enclosed are answers to your questions for the record. The information is accurate to the best of my knowledge and belief.

The Army hopes to continue its good working relationship with the Commission in the months ahead. Please let me know if you need any further assistance.


for Robert M. Walker
Assistant Secretary of the Army
(Installations, Logistics & Environment)

Enclosures

COMMODITY

1. The Air Force has proposed moving functions from the Rome Labs in New York to the Army's Fort Monmouth, New Jersey. Is there sufficient capacity at Fort Monmouth to accommodate the proposed move?

Yes. There is sufficient capacity at Fort Monmouth. The Army expects to use space vacated by the U.S. Army Research Laboratory's Electronics and Power Sources Directorate in FY97, as a result of a decision of the 1991 Commission to realign the Army's laboratories.

2. Did you incorporate the effects of this Air Force move when ranking Fort Monmouth against other commodity installations?

No. The Army's rankings are based on a year long study which concluded last fall. These rankings, combined with operational requirements, provide a measurement of the installation's military value as specified by DoD selection criteria 1 thru 4. The Army's rankings were used to identify installations for further study for closure or realignment. All installations were eligible to be considered as receiving sites.

Department : Air Force
Option Package : Rome Lab to Ft Mnmth
Scenario File : C:\COBRA\DATA\ROME-C.CBR
Std Fctrs File : C:\COBRA\DATA\DEPOT.SFF

EXPLANATORY NOTES (INPUT SCREEN NINE)

1. Civilian personnel pay adjusted for locality pay differentials at Ft Monmouth and Hanscom AFB (5.5 % of avg civ pay X # civs relocated)
2. One time unique costs and one time moving costs reflect full AF estimates from level play COBRA.
3. Rome Lab RPMA in screen four adjusted down to AF estimate from level play COBRA.
4. MILCON adjusted to reflect the following:
 - a. Total space required based on current Rome Lab admin plus lab only
 - b. Current warehouse, Ops & Training, Auto and other Maintenance requirements will be absorbed at new locations in existing capacity.
 - c. Cost of new MILCON is \$289.53 per square foot (avg of AF estimated cost)
 - d. Cost of renovation is 70% of new MILCON (AF methodology).
 - e. Renovated space equals space identified for renovation in DoD final COBRA
 - f. New MILCON based on 80% of total space required (accepts DoD's assumed efficiencies) minus renovated space: $(615,803 \times .8) - 210,950 = 281,692$ SF.

Source: Paul Freund 4/11/95 PMA

Department : Air Force
 Option Package : Rome Lab to Ft Mnmth
 Scenario File : C:\COBRA\DATA\ROME-C.CBR
 Data Fctrs File : C:\COBRA\DATA\DEPOT.SFF

Starting Year : 1996
 Final Year : 1999
 ROI Year : 100+ Years

NPV in 2015(\$K): 95,261
 1-Time Cost(\$K): 155,533

	Net Costs (\$K) Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	24,863	31,078	31,078	37,294	0	0	124,313	0
Person	0	-664	-1,790	-515	-2,296	-2,296	-7,561	-2,296
Overhd	393	174	744	2,212	-1,784	-1,784	-44	-1,784
Moving	0	3,976	4,748	15,597	0	0	24,321	0
Missio	0	0	0	0	0	0	0	0
Other	0	439	353	989	789	200	2,770	0
TOTAL	25,256	35,004	35,133	55,576	-3,290	-3,879	143,800	-4,079

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	50	0	0	0	0	50
TOT	0	50	0	0	0	0	50

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	2	8	0	0	10
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
W	0	130	173	570	0	0	873
T	0	130	175	578	0	0	883

Summary:

Closure of Rome lab in four years and move C3 and Electro/Rel directorate to Ft Monmouth. Other directorates to Hanscom (plus some puts and takes) Option 4 (was option 4.2) Other adjustments made - see explanatory notes. Screen 4 Rome data reflects same data as DoD FINAL COBRA. Higher costs likely ARMY & AF MILCON adjusted to reflect DoD FINAL COBRA estimate of renovation of existing space PLUS estimate of NEW MILCON to meet total space requirement not covered by renovated space and as identified in Rome Lab questionnaire.



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

SAF/LL
1160 Air Force Pentagon
Washington, DC 20330-1160

14 MAR 1995

The Honorable George E. Pataki
Governor
State of New York
Executive Chamber
State Capitol
Albany, New York 12224

Dear Governor Pataki

This is in response to your letter of February 22, 1995, to the Secretary of the Air Force concerning Rome Laboratory, Rome, New York. Specifically, you urged continued Air Force support of Rome Laboratory.

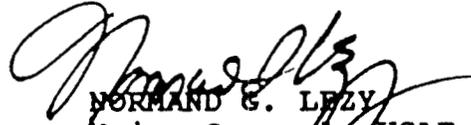
The base closure process is very difficult and challenging and we regret the impact this process has on the surrounding communities. As you know, the Secretary of Defense included Rome Laboratory in his recommendations for closure and realignment to the Defense Base Closure and Realignment Commission (DBCRC). Rome Laboratory was recommended for closure, with its components relocated to Hanscom Air Force Base (AFB), Massachusetts, and Fort Monmouth, New Jersey. The Air Force's recommendation reflects the work of a Department of Defense Joint Cross-Service Group for Laboratories. That group recommended the Air Force consider the consolidation of Rome Laboratory activities at other locations which we found would produce several benefits across the Department of Defense and the Air Force. First, the consolidation would save money by reducing overhead expenses associated with the two Air Force labs, Hanscom and Rome. Second, moving a considerable portion of the work to the Army lab activity allowed the productive use of their excess capacity, and more importantly provides an opportunity for increased joint Service work in this critical area. Third, both of these moves will increase the quality of the combined research activity by pooling talented people, equipment, and related missions.

Further, the DBCRC will conduct a separate analysis of the DoD recommendations and will make its recommendations to the President on July 1, 1995. Although Rome Laboratory is included

in the DoD recommendations, this does not preclude the Commission from removing bases from its listing if their analyses support such recommendations.

We appreciate your interest in this matter and trust the information provided is useful.

Sincerely



NORMAN G. LEZY
Major General, USAF
Director, Legislative Liaison



STATE OF NEW YORK

GEORGE E. PATAKI
GOVERNOR

February 22, 1995

Dear Madam Secretary:

As you develop your recommendations to the 1995 Base Closure and Realignment Commission on closing military installations, I want to express my strong support for continuing current operations at the Rome Laboratory at Griffiss Air Force Base.

The 1993 round of base closures hit the State of New York extremely hard. The State experienced realignment and closing of Air Force Bases at Griffiss (in Rome) and Plattsburgh. In sum, the citizens of New York State are doing more than their fair share to reduce the number of military bases.

Following is a summary of the Laboratory.

Rome Laboratory

Located in Central New York and surrounded by five Air National Guard flying units and the 10th Mountain Division at Fort Drum, Rome Lab offers a geographical benefit unavailable to other bases. With a "supporting cast" of different military services, the lab offers young officers the opportunity to observe the military in action as well as the capacity to test emerging technologies from the lab in an operational environment at the local level.

Through earlier consolidations, Rome Lab is one of four Air Force Superlaboratories. In the most recent DoD studies regarding consolidation of labs, Rome Lab scored at the top of the list in areas of expertise, command, control, communications, computers and intelligence.

As noted in the 1993 Base Realignment and Closure report to the President, "the Rome Lab has a large civilian work force and is located in adequate facilities that can be separated from the rest of Griffiss AFB. It does not need to be closed or realigned as a result of reductions in the rest of the base." In that same report, Mr. James Boatright, Deputy Assistant Secretary of the Air Force for installations, is quoted as stating, "The Air Force has no plans to close or relocate the Rome Laboratory within the next five years."

-2-

In addition to providing first class research and development to the Air Force, the lab also is creating new partnerships with universities and private firms in technology transfer and dual use technologies. Approximately 80 percent of its annual budget is contracted out. New York State alone receives \$132 million from these contracts creating 3,500 new jobs in primarily small high technology businesses.

Rome laboratory is a critical part of the Central New York economy. The lab has 850 jobs and supports another 2,200 jobs in New York State.

The community of Rome, along with the State of New York, and its partnerships with our corporations and great universities, is creating a foundation around the Rome Laboratory that forges a promising future for the Air Force as well as the community.

My administration has committed funds in this year's budget for the support of Rome Lab and to assist the redevelopment of Griffiss. New York State is funding the creation of the Technology Enterprise Corporation. The state has set aside \$4.1 million as a down payment to expand technology transfer and dual use applications of military technology.

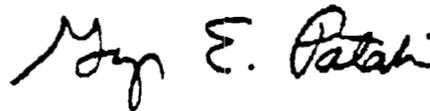
In addition my budget also commits \$3.2 million, if necessary, to subsidize overhead costs at the lab, making it less expensive for the federal government to operate. Further, another 1.2 million is earmarked for Griffiss Local Development Corporation for activities to implement its base reuse strategy.

I urge the Air Force and the Department of Defense to honor its commitment to keep Rome Lab open.

Clearly, the military bases within the State of New York play a vital role to our national defense. The Rome Laboratory has made substantial contributions to the defense of the greatest nation on earth.

I urge your continued support for the Rome Laboratory as you prepare your final recommendations.

Very truly yours,



The Honorable Sheila E. Widnall
Secretary of the Air Force
The Pentagon
Washington, D. C. 20330-1000

cc: General Charles E. Franklin



STATE OF NEW YORK
EXECUTIVE CHAMBER
ALBANY 12224

Urgent

PLEASE DELIVER THE FOLLOWING TO:

NAME: *Honorable Sheila Widnall*
FROM: *David Catalano, Dir. of Leg. Relations*
Capitol Room 227 - Fax Number 474-0888

.....

TOTAL NUMBER OF PAGES 3 INCLUDING COVER LETTER

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SAFLLP/MAJOR SNYDER/CFM/77950/30 MAR 95
moyer/bases95/romeVacco

MAR 31 1995

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

Mr. Dennis C. Vacco
Attorney General
State of New York
The Capitol
Albany, New York 12224

Dear Mr. Vacco

This is in response to your letter of February 22, 1995, to the Under Secretary of the Air Force expressing your support for the New York military installations. As you know, on February 28, 1995, the Secretary of Defense submitted his recommendations for closures and realignments to the Defense Base Closure and Realignment Commission (DBCRC) which included the closure of Rome Laboratory and the transfer of the minimum essential airfield support for the 10th Infantry (Light) Division from Griffiss Air Force Base (AFB) to Fort Drum, New York.

Rome Laboratory was recommended for closure, with its components relocated to Hanscom AFB, Massachusetts, and Fort Monmouth, New Jersey. The Department of Defense (DoD) recommendation reflects the work of a DoD Joint Cross-Service Group for Laboratories. That group recommended the Air Force consider the consolidation of Rome Laboratory activities at other locations. We found this action would produce several benefits across the DoD and the Air Force. First, the consolidation would save money by reducing overhead expenses associated with the two Air Force labs, Hanscom and Rome. Recent reductions at Hanscom provided relatively inexpensive opportunities for that consolidation. Second, moving a considerable portion of the work to an Army laboratory activity allowed the productive use of their excess capacity, and more importantly provides an opportunity for increased joint Service work in this critical area. Third, both of these moves will increase the quality of the combined research activity by pooling talented people, equipment, and related missions.

COORD

AF/RT

DBCRC

We share your view of the exciting and important work performed by Rome Laboratory employees, and are confident this new arrangement will enhance that work. The decision was not based on subjective judgment, but reflected evaluation based on certified data against the eight selection criteria. While we regret the impact on the local Rome, New York, community, we believe this action will increase efficiency and productivity in the important research performed by these facilities.

Concerning the DoD recommendation affecting Fort Drum, the 10th Mountain Division is one of the most active military units in the nation. By moving their mobility support closer to the supported units, we will cut response time, avoid lengthy and sometimes hazardous travel, and save significant expenses associated with the on-call airfield called for under the 1993 BRAC process.

We cannot address decisions concerning Fort Drum and suggest your staff forward your concerns to the Department of the Army. We appreciate your comments and trust the information provided is useful.

Sincerely

SIGNED

SCOTT B. MCLAUTHLIN
Colonel, USAF
Deputy Chief, Programs and
Legislation Division
Office of Legislative Liaison



STATE OF NEW YORK
DEPARTMENT OF LAW

THE CAPITOL
ALBANY, NY 12224

DENNIS C. VACCO
ATTORNEY GENERAL

February 22, 1995

Hon. Rudy DeLeon
Undersecretary of the Air Force
AF Pentagon
Washington, D.C. 20330

via Fax: 703-693-4303

Dear Undersecretary DeLeon:

I am writing to express my strong support for continuing current operations at military facilities located in New York State, including Rome Laboratory, Fort Drum and Fort Hamilton.

Each of these facilities is indispensable to our nation's defense and serves as an important economic asset to the state and regional economies.

Rome Lab, in Central New York, provides critical technology research with both military and civilian applications. In this era of government cost-cutting, the Lab's recent expansion into joint partnerships with universities and private businesses represents the type of dual-use programs that we should encourage.

As a former federal prosecutor committed to the fight against violent crime, I am especially excited about the planned co-location of a national forensics lab at Rome Lab.

The forensics lab represents a promising opportunity to find high-technology solutions to the very serious crime problem facing our state and the entire Northeast region.

Fort Drum, in Northern New York, is the most modern military facility in the nation, and home to one of our nation's most active military units, the 10th Mountain Division.

Recent significant investments of federal and state resources to upgrade Fort Drum have made this facility an even more valuable asset to our nation's still-developing, global military role.

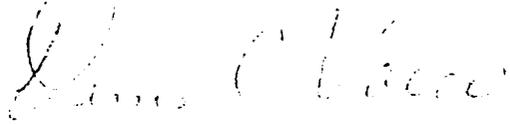
Hon. Rudy DeLeon
February 22, 1995
Page 2

Fort Hamilton, in Brooklyn, is an important recruitment facility serving the largest metropolitan area of our nation.

Federal base-closing actions in 1993 have already required significant sacrifices on the part of New Yorkers. Additional substantial restructuring could significantly impact the state's effort to improve our economy.

I urge your continued support for these facilities.

Sincerely,



DENNIS C. VACCO
ATTORNEY GENERAL



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

April 3, 1995

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable Alfonse M. D'Amato
United States Senate
Washington, DC 20510

Dear Senator D'Amato

This is in response to your joint letter of March 29, 1995, to the Secretary of the Air Force with Senator Moynihan concerning Rome Laboratory. Specifically, you requested information regarding the figures used and the assumptions made in the analysis of the closure of Rome Laboratory, Rome, New York.

Concerning the square footage figures, you asked for an explanation of several different numbers for square footage related to Rome Lab activities. The 974,628 number is the amount of capacity at the present facilities at Rome. It does not represent required capacity. The level playing field COBRA figure of 177,000 was an error. Because this figure was not used in calculating construction costs, its use did not create a significant error. The 328,459 figure was provided by Rome Lab as the space required to support their mission at another installation, and was used in the COBRA calculation for the level playing field analysis.

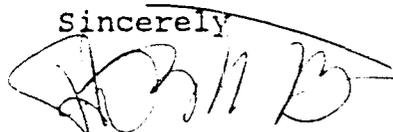
For the focused analysis, on which the recommendation was eventually based, a figure of 224,280 square feet of space was used as the requirement. This number represents reductions for a number of factors. Using a standard factor for administrative space, the required administrative space was reduced from 166,859 to 135,000 square feet. A 20 percent reduction was also used in lab and SCIF (area used for classified operations) space based on planned manpower reductions and elimination of "double counting" space in SCIFs in which administrative functions are located full time. This 224,280 figure was split between Hanscom AFB and Fort Monmouth based on 60 percent at Hanscom and 40 percent at Fort Monmouth, and renovation or construction requirements were based on this figure.

With regard to the Geophysics Directorate, the Secretary of the Air Force did direct that the move into Hanscom AFB assume that space would be available from the reduction of personnel assigned to the Geophysics Lab at Hanscom, with the exception of the Air Force Space Command (AFSPC) support activities. She did not direct a move of the unit to Kirtland AFB, or any other location. No such plan exists. Rather, the Geophysics activity at Hanscom AFB, with the exception of the AFSPC support activities, will simply cease. The space vacated by that portion of the Geophysics Directorate was assumed to be used in part, for the move of a portion of Rome Lab to Hanscom AFB. In the event a contingency requires the continued operation of the Geophysics Directorate at Hanscom AFB, it appears that the current recommendation can be effectively accomplished.

We are scheduled to perform a detailed site survey on April 10-14, 1995. During this survey, we will identify the square footage, building types, and locations of areas where elements now at Rome Lab are to be located at Hanscom AFB and Fort Monmouth. The portion of Rome Lab which is proposed to be relocated to Hanscom AFB will be placed in space currently or projected to be available by renovating existing facilities. Depending on the results of the detailed site survey, there may be a need to construct a new facility. The site survey results will be briefed to the Base Closure Executive Group (BCEG) for approval in late April and provided to your office upon approval by the BCEG.

We appreciate your interest in this matter and trust the information provided is useful. A similar letter is being provided to Senator Moynihan.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC 20330-1000

OFFICE OF THE SECRETARY

April 3, 1995

SAF/LLP
1160 Air Force Pentagon
Washington, DC 20330-1160

The Honorable Daniel Patrick Moynihan
United States Senate
Washington, DC 20510

Dear Senator Moynihan

This is in response to your joint letter of March 29, 1995, to the Secretary of the Air Force with Senator D'Amato concerning Rome Laboratory. Specifically, you requested information regarding the figures used and the assumptions made in the analysis of the closure of Rome Laboratory, Rome, New York.

Concerning the square footage figures, you asked for an explanation of several different numbers for square footage related to Rome Lab activities. The 974,628 number is the amount of capacity at the present facilities at Rome. It does not represent required capacity. The level playing field COBRA figure of 177,000 was an error. Because this figure was not used in calculating construction costs, its use did not create a significant error. The 328,459 figure was provided by Rome Lab as the space required to support their mission at another installation, and was used in the COBRA calculation for the level playing field analysis.

For the focused analysis, on which the recommendation was eventually based, a figure of 224,280 square feet of space was used as the requirement. This number represents reductions for a number of factors. Using a standard factor for administrative space, the required administrative space was reduced from 166,859 to 135,000 square feet. A 20 percent reduction was also used in lab and SCIF (area used for classified operations) space based on planned manpower reductions and elimination of "double counting" space in SCIFs in which administrative functions are located full time. This 224,280 figure was split between Hanscom AFB and Fort Monmouth based on 60 percent at Hanscom and 40 percent at Fort Monmouth, and renovation or construction requirements were based on this figure.

With regard to the Geophysics Directorate, the Secretary of the Air Force did direct that the move into Hanscom AFB assume that space would be available from the reduction of personnel assigned to the Geophysics Lab at Hanscom, with the exception of the Air Force Space Command (AFSPC) support activities. She did not direct a move of the unit to Kirtland AFB, or any other location. No such plan exists. Rather, the Geophysics activity at Hanscom AFB, with the exception of the AFSPC support activities, will simply cease. The space vacated by that portion of the Geophysics Directorate was assumed to be used in part, for the move of a portion of Rome Lab to Hanscom AFB. In the event a contingency requires the continued operation of the Geophysics Directorate at Hanscom AFB, it appears that the current recommendation can be effectively accomplished.

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We appreciate your interest in this matter and trust the information provided is useful. A similar letter is being provided to Senator D'Amato.

Sincerely



STEPHEN D. BULL, III
Colonel, USAF
Chief, Programs and Legislation
Division
Office of Legislative Liaison

United States Senate

WASHINGTON, D.C. 20510

March 29, 1995

The Honorable Sheila Widnall
Secretary of the Air Force
1660 Air Force Pentagon
Washington, D.C. 20330-1660

Dear Madam Secretary:

Our staffs have spent much time reviewing the data related to the BRAC 95 recommendation to close the Rome Laboratory. However, questions have arisen which require addressing as quickly as possible so that we may resolve key issues involved in this decision. Therefore, we request answers and comments to the following questions:

1. The certified Rome Lab questionnaire identifies 974,628 square feet of space in facilities at Rome Lab. However, the amount of space used in a variety of other documents, and in support of the recommendation, does not appear to match either the total square footage or the type of space identified in the questionnaire.

a. For example, in screen four of the Air Force "level playing field" COBRA and in the final recommendation COBRA run, the Air Force stipulated a figure of 177,000 square feet of space at Rome Lab. In the same COBRA run, the Air Force identified 328,459 square feet of new construction as its estimate of additional space required at Hanscom AFB. In its final recommendation COBRA no square footage is identified, but supporting documents indicate a total requirement of 223,480 square feet of renovation and existing space that will be used without renovation at Hanscom AFB and Ft Monmouth for the Rome Lab functions. Then, in a March 22, 1995 response to earlier questions, SAF/LLP stated that 262,080 square feet of excess lab/industrial facilities had been identified as available at a combination of Hanscom AFB and Ft Monmouth. The condition code of these facilities was not provided.

b. Please explain what data the Air Force actually used in preparing its recommendations and provide an explanation of the disparities in the numbers, especially the difference between the

projected space that will be used and the currently occupied space at Rome Lab as reported in the questionnaire.

2. In a separate but related area, several documents have referred to a relocation of the Geophysics Directorate from Hanscom AFB to Kirtland AFB. The move of the Geophysics Directorate does not appear to be an Air Force or DoD BRAC recommendation. However, the references to this move raise several questions. a. Is the Geophysics Directorate relocating to Kirtland AFB? b. When is the move planned to occur and when was the decision to relocate it made? c. Is any of the space considered in either or both of the COBRA estimates? e. If the Geophysics Directorate move is planned as a non-BRAC action, has it been programmed and budgeted for, to include all the MILCON or reconfiguration costs? f. Has the environmental impact analysis process (EIAP) required by the NEPA been initiated? If so, does the action require an Environmental Assessment or a complete Environmental Impact Study? g. When is the EIAP expected to be completed? h. Does the move require facilities currently occupied at Kirtland to be vacated? i. What is your plan for the Geophysics Directorate in the event that either the Kirtland AFB BRAC realignment is rejected or the EIAP is not favorably reviewed? And, what is your plan if the space needed for Rome Lab does not become available in the right time? j. And, if any BRAC action is tied to or dependent upon a move of the Geophysics Directorate, why was it not included in the BRAC recommendations?

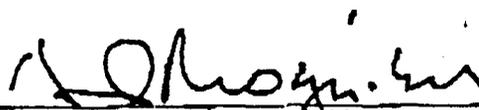
b. Finally, if the Geophysics Directorate is not relocating, can you identify what activities and functions have or will vacate space at Hanscom AFB that will make the space available for the Rome Lab move?

I am aware that your staff has a great many inquiries to answer, but a reply by April 3 is essential so that our staffs will have time to review the information prior to the base visit by the BRAC Commission. We look forward to your reply and your cooperation.

Sincerely,



Alfonse M. D'Amato
United States Senator



Daniel Patrick Moynihan
United States Senator

ROME
REVIEW COMMENTS

FOR

BRAC 95 MILCON PROJECTS - HANSCOM AFB

We cannot over emphasize the fact that the facility programmers do not understand our facilities requirements. It is obvious from the SF 1391's, Programming Documents, that Rome Lab will not adequately function as a unified organization once we relocate to Hanscom AFB due to ill-programmed facility modifications and placement of Rome Lab functions scattered about the base.

Significant Space Issues are as follows:

- OC mission directorate is being split up (Bldgs 1105A and 1102D) contrary to baseline assumption #1.
- IR requirement for Mass Storage Lab (MSL) and Joint Integrated Test Facility (JITF) not included in requirements. (100 positions currently funded)
- Contractors identified in RL are Scientists and Engineers and as such should be allotted Engineering Support Space and not Admin Space (182 SF/per vs 162 SF/per).
- Due to ESC assumption to place Rome Lab within existing facilities strengthens the argument against the 15% NET to GROSS factor used by Hanscom. This factor only holds true for NEW facilities, and a factor of 20-30% should be used when working with an existing building configuration for renovation. (Better to compare "apples to apples")
- No mention of available BOS facilities during HAFB site visits, yet now able to absorb personnel. Not all BOS are "blue collar " types, many require office space as well as supporting facilities.
- RL hasn't identified to Phillips Lab what our workload is for Mod/Fab. Cannot assume able to absorb.
- No security systems are programmed into these facilities. (eg. card access, etc)
- RL has own requirements for Shipping/Receiving and Technical Library. Current PL space and workload has been programmed current requirement, can't assume to absorb RL functions.
- Total square foot requirement not satisfied..(Total, 10,833 sf)

	<u>RL Rqt</u>	<u>Programmed</u>	<u>Delta</u>
Admin/Engr Spt(OC)	24,512 sf ¹	22,100 sf	-2412
Admin/Engr Spt(DO,XP,PK)	30,022 sf ²	29,400 sf	- 622
Lab Space(DO,XP,PK)	21,739 sf	18,000 sf	-3739
Storage(DO,XP,PK)	200 sf	0 sf	-200
Contr Support Space	3,860 sf	0 sf	-3,860

These figures do not include a total of 70,439SF of required space to accommodate the CC, BOS, Modification/Fabrication Shop and the JITF Facility

Significant Cost Issues are as follows:

-- No costs for Electrical or Communications systems infrastructure expansions (Substations, duct banks, raceways...etc). In existing facilities such as the Commissary, adequate electrical and communication infrastructure is not expected to exist.

-- Cost factors are low, based upon actual construction of similar facilities at RL. These facilities are being replicated under similar conditions as at Griffiss AFB. (RL costs don't include locality cost factors)

	RL Historical	HAFB est	AFMC 21
Engr Spt	\$ /sf**	\$ 50/sf	\$ 138/sf *Phillips Lab cost \$75/sf*
Lab Space	\$ 153/sf	\$ 110/sf	\$ 180, 266, 433/sf (light, med, hvy)
SCIF	\$ 312/sf	\$ 155/sf	\$ 190, 455/sf (light, hvy)
Tower Fdn	\$ 10k each	\$ 2.5k each	
Workstations	\$ 4,368 each	\$ 3,510 each	\$ 4,368 each
Storage	\$ /sf**	\$ 5/sf	

(** No direct comparative costs available)

-- No asbestos removal costs identified in any facility. Roof removal will require extensive asbestos removal. (Approx. \$3.67/sf / \$38,535 for removal of asbestos/roofing Bldg 1105A)

-- The directorates will have a total of 508 govt and 193 contractor personnel requirement. Only 583(vs 701) prewired work stations have been identified to be bought. Difference of \$ 515,424 using current RL estimate per unit. Difference of \$ 414,180 using current HAFB estimate per unit. (Delta of additional \$374,244 RL to Hanscomb costs.)

Other Issues to Consider:

-- Associated Radars (L, C, & S Bands) must have adequate "clear shot" across base buildings while maintaining proximity to associated labs (max dist restrictions). 1105A is currently in a confined area between other facilities, may pose problem for tower locations. No associated costs for Jammer/Calibration sites/towers/structures. Connectivity to other RL facilities i.e. IR & C3 Labs, NYS Research Sites. Angle between building 1105A, Steam plant stacks, and proposed CAL site is not great enough to maintain useful performance radars. Per Mike Little OC

-- Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators (up through Second Floor addition), bathrooms...etc.

-- Bldg 1105A will require a freight elevator, adjacent to a minimum of 800sf of vehicle bay, for staging and vertical transportation of large/heavy research equipment housed in the labs. (Approx cost per elevator HAFB \$100,000.00)

-- The requirements shown for the tower for C3 appear inadequate compared to historical costs for tower foundations at Griffiss and the IR rooftop radars have apparently been left out of estimate.

-- Project for \$2,150,000 to renovate facility was **CANCELED** due to unknown reasons

-- No back-up plan has been addressed should the MILCON for construction of the new Commissary falls through. Currently programmed for FY 97, no definite money will be available. Earliest possible time alterations to building 1614 could occur would be late CY 97 or early CY 98. Follow on construction for RL will take at least one year with occupancy around summer 99.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

BASE LINE ASSUMPTIONS COMMENTS

1. OC mission directorate is being split up (Bldgs 1105A and 1102D) contrary to baseline assumption #1.
2. Support Directorates XP, FM, PK and DO are being split into two facilities (1102 and 1302F).
Unknown which divisions go where.
3. IR requirement for Mass Storage Lab (MSL) and Joint Integrated Test Facility (JITF) not included in requirements.
4. Acceptable assumption.
5. Acceptable assumption.
6. Contractors identified in RL are Scientists and Engineers and should be allotted Engineering Support Space and not Admin. Space (182 SF/per vs 162 SF/per).
7. No mention of available BOS facilities during HAFB site visits, yet now able to absorb personnel. Not all BOS are "blue collar" types, many require office space as well as supporting facilities.
8. Need to identify open storage location.
9. Acceptable assumption.
10. Acceptable assumption.
11. RL hasn't identified to Phillips Lab what our workload is for Mod/Fab. Cannot assume able to absorb.
12. RL has own requirements for Shipping/Receiving and Technical Library. Current PL space and workload has been programmed current requirement, can't assume to absorb RL functions.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

**PROJECT MXRD 950076A
Bldg1105A - QC Directorate**

1. Lab Space is all categorized under one heading, can't distinguish different cost factors for specific requirements. Similar comment for SCIF space.
2. No costs for Communications systems infrastructure (duct banks, raceways...etc.).
3. Fire suppression for labs not mentioned. Preaction systems, sniffer systems for high value areas. Water pressure must be reviewed for facility expansion.
4. Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators (up through Second Floor addition), bathrooms...etc.
5. Associated Radar (L, C, & S Bands) must have adequate "clear shot" across base buildings while maintaining proximity to associated labs (max distance restrictions). 1105A is currently in a confined area between other facilities, may pose problem for tower locations. No associated costs for Jammer/Calibration sites/towers/structures. Connectivity to other RL facilities i.e. IR & C3 Labs, NYS Research Sites.
6. Cost factors are low, based upon actual construction of similar facilities at RL. These facilities are being replicated under similar conditions as at Griffiss AFB. (RL costs don't include locality cost factors)

	RL Historical	HAFB est.	AFMC 21
Engr Spt	\$ /SF	\$ 50/SF	\$ 138/SF
Lab Space	\$ 153/SF	\$ 110/SF	\$ 180, 266, 433/SF (light, med., hvy)
SCIF	\$ 312/SF	\$ 155/SF	\$ 190, 455/SF (light, hvy)
Tower Fdn	\$ 10k each	\$ 2.5k each	
Workstations	\$ 4,368 each	\$ 3,510 each	\$ 4,368 each

7. No asbestos removal costs identified. Old roof will contain asbestos within felts and mastics. Existing building is similar in age and construction to RL's Bldg 240, expect large quantities of Asbestos Containing Material (ATM). Constructed in 1954.
8. No costs associated with exterior upgrades are included, i.e. fire exits, card access systems, site development, signage, etc.
9. No costs associated with second floor expansion: substructure, superstructure, roofing, or exterior closure.
10. Programmers are not accounting for lost area on both floors dedicated to providing vertical circulation (stairs and elevator shafts). Should not be absorbed in Admin./Engr Spt space allotments.
11. Facility will require a freight elevator for vertical circulation of heavy lab and research equipment.
12. Inside storage is required in this facility (800 SF) now programmed for Bldg 1102D. Storage must be co-located with lab space and direct access to a freight elevator. This is required for assembly of research devices.

13. Angle between Bldg 1105A, steam plant stacks, and proposed CAL site appears not great enough to maintain useful performance of radar.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

**PROJECT MXRD 950076B
Bldg1102D - OC Directorate**

1. Lab Space is all categorized under one heading, can't distinguish different cost factors for specific requirements.
2. No costs for Communications systems infrastructure (duct banks, raceways...etc.).
3. Fire suppression for labs not mentioned. Preaction systems, snuffler systems for high value areas.
4. Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators, bathrooms...etc.
5. OC Directorate split up between two facilities (1102D & 1105A). Total square foot requirement not satisfied. Contradicts programmer's assumptions for not splitting up Mission Directorates.

	RL Rqt	Programmed	Delta
Admin./Engr Spt	24,512 SF	22,100 SF	- 2412
Lab Space	23,472 SF	24,000 SF	+ 528
Storage	800 SF	800 SF	0

6. Cost factors are low, based upon actual construction of similar facilities at RL. These facilities are being replicated under similar conditions as at Griffiss AFB. (RL costs don't include locality cost factors)

	RL Historical	HAFB est.	AFMC 21
Engr Spt	\$ /SF	\$ 50/SF	\$ 138/SF
Storage	\$ 25/SF	\$ 5/SF	---
Workstations	\$ 4,368 each	\$ 3,510 each	\$ 4,368 each

7. No asbestos removal costs identified. Existing building is similar in age and construction to RL's Bldg 240, expect large quantities of Asbestos Containing Material (ATM). Constructed in 1956.
8. OC will have 90 govt. and 46 contractor personnel requirement. Only 123 (vs 136) prewired work stations have been identified to be bought. Difference of \$ 45,500 using current HAFB estimate per unit (\$3,500).
9. Inside storage (800 SF) now programmed for this facility is required in bldg 1102D. Storage must be co-located with lab space and direct access to a freight elevator. This is required for assembly of research devices.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

**PROJECT MXRD 950082
Bldg1614 - IR/C3 Directorates**

1. Lab Space is all categorized under one heading, can't distinguish different cost factors for specific requirements. Similar comment for SCIF space.
2. No costs for Electrical or Communications systems infrastructure expansions (Substations, duct banks, raceways...etc.). Current facility is a Commissary, adequate electrical and communication infrastructure is not expected to exist.
3. Fire suppression for facility not costed, will require complete upgrade. Praction systems, sniffer systems for high value areas. Water pressure must be reviewed for increased facility expansion.
4. Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators (up through Second Floor addition), bathrooms...etc.
5. Associated Radar must have adequate "clear shot" across base buildings while maintaining proximity to associated labs (max. distance restrictions). Connectivity to other RL facilities i.e. Surveillance Lab, NYS Research Sites. No associated costs with Jammer/Calibration sites/towers/structures.
6. IR and C3 facility requirements are compared below. No accommodation for special purpose spaces (secure conference rooms, break rooms, equipment pools) are included in RL requirement under the assumption thc all of RL would be somewhat collocated.

	RL Rqt	Programmed	Delta
Admin./Engr Spt	53,331 SF	60,000 SF	+ 6669
Lab Space	44,622 SF	48,100 SF	+ 3435
SCIF	31,828 SF	34,000 SF	+ 2172
Storage	5,519 SF	5,700 SF	+ 181

6. Cost factors are low, based upon actual construction of similar facilities at RL. These facilities are being replicated under similar conditions as at Griffiss AFB. (RL costs don't include locality cost factors)

	RL Historical	HAFB est.	AFMC 21
Engr Spt	\$ /SF	\$ 50/SF	\$ 138/SF
Lab Space	\$ 153/SF	\$ 110/SF	\$ 180, 266, 433/SF (light, med., hvy)
SCIF	\$ 312/SF	\$ 165/SF	\$ 190, 455/SF (light, hvy)
Tower Fdn	\$ 10k each	\$ 2.5k each	---
Workstations	\$ 4,368 each	\$ 3,510 each	\$ 4,368 each

7. No asbestos removal costs identified. Old roof will contain asbestos containing felts and mastics. Existing building built in 1955, expect large quantities of Asbestos Containing Material (ATM).
8. IR and C3 will have 280 govt. and 147 contractor personnel requirement. Only 312 (vs 427) prowired work stations have been identified to be bought. Difference of \$ 402,500 using current HAFB estimate per unit (\$3,500).

9. No costs associated with exterior upgrades are included, i.e. fire exits, card access systems, site development, signage, etc.

10. No costs associated with second floor expansion: substructure, superstructure, roofing, or exterior closure. The cost for a roof addition is absorbed into the second floor cost at \$32 /SF. A cost for this similar item on bldg. 1105A was \$210/SF.

11. AF 7115 Real Property Report shows the commissary portion of bldg. 1614 to occupy only 83,926 SF of space, approximately 25,000 SF is two story warehouse space and 59,000 SF is single story space, yet second floor construction consists of 68,000 SF. Programmers are not accounting for lost area on both floors dedicated to providing vertical circulation (stairs and elevator shafts). Should not be absorbed in Admin./Engr Spt space allotments.

12. IR and C3 have communication antenna and tower requirements not identified.

13. Parking appears inadequate on site plan to accommodate all staff/visitors/ delivery etc. requirements.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

PROJECT MXRD 950083A

Bldg1302F - DO, PK, XP, FM Directorates

1. Apparently this facility is to serve as the Rome Lab Headquarters facility, although it makes no accommodations for the Command Section. This facility is programmed to receive **NO RENOVATIONS**. There are no accommodations for conference rooms, lobby/visitor area, bid rooms, or any other special purpose areas. Associated computer rooms for specific organizations: PK, SC (no building computer room), LG are not accounted for or placed in another facility (bldg. 1102F). This projects assumes facility is in move-in condition with the installation of prewired work stations and additional 450 parking spaces only.
2. No costs for Plumbing, HVAC, Electrical or Communications systems infrastructure modifications/expansions (substations, duct banks, raceways...etc.).
3. Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators (up through Second Floor addition), bathrooms...etc.
4. CC, DO, PK, XP and FM facility requirements are compared below.

	RL Rqt	Programmed	Delta
Admin./Engr Spt	30,022 SF	29,400 SF	- 622
Lab Space	24,442 SF	18,000 SF	- 6,442
Storage	200 SF	0 SF	- 200

6. Cost factors are low, based upon actual construction of similar facilities at RL. These facilities are being replicated under similar conditions as at Griffiss AFB. (RL costs don't include locality cost factors)

	RL Historical	HAFB est.	AFMC 21
Admin./Engr Spt \$ /SF		\$ 50/SF	\$ 138/SF
Lab Space \$	153/SF	\$ 110/SF	\$ 180, 266, 433/SF (light, med., hvy)
Workstations	\$ 4,368 each	\$ 3,510 each	\$ 4,368 each

7. No asbestos removal costs identified. Existing building built in 1952, expect large quantities of Asbestos Containing Material (ATM). This facility has also been known to fail air quality standards in the past.
8. CC, DO, PK, XP and FM will have 172 government personnel requirement. Only 154 prewired work stations have been programmed for. Difference of \$ 63,000 using current HAFB estimate per unit (\$3,500). Programmers have not accounted for any contractors for the Command Section or Support staff, have assumed none of them require an office or workstation.
9. No costs associated with exterior upgrades are included, i.e. fire exits, card access systems, site development, signage, etc.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

PROJECT MXRD 950083B
Bldg1302FA - DO, PK, XP, FM Directorates

1. Project for \$2,150,000 to renovate facility was **CANCELED** due to unknown reasons.

**BRAC 95 MILCON PROJECTS - HANSCOM AFB
REVIEW COMMENTS**

12 APR 95

PROJECT MXRD 950083C**Bldg1102F - DO, PK, XP, FM Directorates**

1. Apparently this facility is to serve as the Rome Lab Staff Directorates' associated computer/lab facility. This facility is programmed to receive **NO RENOVATIONS**. This projects assumes facility is in move-in condition with the installation of prewired work stations only. No provisions have been for construction of Photo Lab, Graphics Lab, Computer Science and Technology Center, Networks Operations Center, PK Consolidated Computer Facility, or LG computer room.

2. No costs for Plumbing, HVAC, Electrical or Communications systems infrastructure modifications/expansions (chemical drains, fume hoods, substations, duct banks, raceways...etc.).

3. Accommodation for Americans with Disabilities Act (ADA): Handicapped access, Personnel elevators (up through Second Floor addition), bathrooms...etc.

4. CC, DO, PK, XP and FM facility requirements are shown on project MXRD 950083A review comments.

5. No asbestos removal costs identified. Existing building built in 1956, expect large quantities of Asbestos Containing Material (ATM).

6. No costs associated with exterior upgrades are included, i.e. fire exits, card access systems, site development, signage, etc. Site visit of HAFB showed available space in the basement of this facility for RL.

(RL MOVE ?) baseline

12 April, 1995

ROME LAB to HAFB?

BASELINE

1. Keep each scientific directorate TOGETHER.
2. Mission Support Directorates can be separated, if necessary.
3. Did Not include Future Requirements - Gen F space for IR's MSL (400sf) & JTF (14935SF & 8000SF) is not included, could add later
4. Admin Space - 162 sf/person (basis is conventional furniture)
5. Engr Support Space - 182 sf/person (ditto)
6. Contractors 162 sf/per person or currently available space, if less
7. No special space for RL BOS - move in with counterparts
8. No special space for "Open Storage" - will work when they move here
9. Manpower (for space calcs) - 595 gov't / 193 contactor (approved by ESC/MO on 29 Mar/3 Apr 95)
10. No RL-unique auditorium space (5772sf) provided - schedule use of existing at HAFB
11. No special MOD/FAB Shop space for RL at HAFB - PL says they can handle extra workload easily
12. No special space ID'd for RL Shipping/Receiving/Storage (25k) or Tech Lib (3689sf) - share PL's space for this

A4 of 12 Apr 95

ROME LABORATORY - HANSCOM

BRAC PROJECTS

<u>PROJECT#</u>	<u>BLDG#</u>	<u>TITLE</u>	<u>COST (\$)</u>	<u>FUND TYPE</u>	<u>% DESIGN</u>	<u>REMARKS</u>
95-0076A	1105	Add/Alter for RL/OC	5,900.0	BRAC	0	
95-0076B	1102D	Renovate for RL/OC	170.0	BRAC	0	
95-0082	1614	Add/Alter for RL/IR,C3	19,500.0	BRAC	0	
95-0083A	1302F	Renovate for RL/DO	630.0	BRAC	0	
95-0083B	1302FA	Renovate for RL/DO	2,150.0	BRAC	0	
95-0083C	1102F	Renovate for RL/DO	210.0	BRAC	0	

04/14/95 08:04
SPR / CEL

0315 330 3900
ID:617-377-7355 RL/MA

APR 12 95 11:59 No.007 P.03
011

1. COMPONENT		2. DATE	
FY 1995 MILITARY CONSTRUCTION PROJECT DATA			
AIR FORCE (computer generated)			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
HANSCOM AFB, MASSACHUSETTS		BASE CLOSURE ADD TO AND ALTER B1105A (OC) ROME LAB	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
	317-311	HXR950076A	6,000

9. COST ESTIMATES			
ITEM	U/M	QUANTITY	COST (\$000)
BASE CLOSURE ADD/ALTER B1105A (OC) RL			5,098
ADMIN/ENGINEERING	SF	16,500	(825)
LAB SPACE	SF	13,500	(1,485)
SCIF SPACE	SF	1,700	(264)
ROOFTOP ADDITION	SF	10,500	(2,205)
PRE-WIRED WORK STATIONS	EA	91	(319)
SUPPORTING FACILITIES			35
RADAR FOUNDATIONS	LS		(10)
PAVING	LS		(25)
SUBTOTAL			5,133
CONTINGENCY (10%)			513
TOTAL CONTRACT COST			5,646
SUPERVISION, INSPECTION AND OVERHEAD (6%)			339
TOTAL REQUEST			5,985
TOTAL REQUEST (ROUNDED)			6,000

10. Description of Proposed Construction: Add/Alter existing facility to include: admin./eng. support areas, laboratories, SCIF areas, and special use areas. Supporting facilities include all required utilities, communications, fire protection, alarm systems, pre-wired work stations, emergency eyewash/showers, exhaust hoods, handicap access, and asbestos removal.

Air Conditioning: 210 Tons.

11. REQUIREMENT: 42,200 SF ADEQUATE: 0 SUBSTANDARD: 31,700 SF
 PROJECT: Base closure add to and alter B1105A (OC) Rome Lab.
 REQUIREMENT: This BRAC 95 project is required to provide facilities for the Rome Lab Surveillance Directorate (OC) being relocated from Griffiss AFB. The project is necessary to continue research and development programs including the development of new technologies and technical management of programs.
 CURRENT SITUATION: This Rome laboratory organization is currently located at Griffiss AFB. The organization is required to relocate to Hanscom AFB under the 1995 BRAC recommendations.
 IMPACT IF NOT PROVIDED: If this project is not provided the Surveillance Directorate of Rome Laboratory at Griffiss AFB will be unable to relocate to Hanscom AFB. In addition, research and development programs in advanced surveillance technology will be delayed or cancelled. The cost of research and development programs will be un-necessarily high and the accuracy and completeness of experiments will not be optimal.
 ADDITIONAL: The funding for this project will come from the Base Realignment and Closure Account. The project meets the criteria/scope of Part II Military Handbook 1190, "Facilities Planning and Design Guide" and Air Force Instruction (AFI) 32-1084, "Standard Facility Requirements".

FY 1995 PROJECT COST ESTIMATE SUMMARY (Computer-Generated)										
1. PDC NUMBER MKRD950076A			2. PROJECT TITLE BC ADAL 1105A (OC) RL					3. DATE 950412		
4. MAJCOM MTC		5. BASE/STATE/INST CODE HANSCOM AFB MA					6. ACP 1.29			
7. CONST START 950400		8. MTHS OF CONST 12		9. PG DATE 9610		10. CURRENT PA		11. EXCHANGE RATE .0000		
12. PRIMARY FACILITIES			13. CAT CODE	14. SAF	15. CGF	16. U/M	17. SCOPE	18. UNIT COST	19. COS (000)	
ENGINEERING			317-311	1.00	.97	SF	42,200	16,500	50.00	82
LAB SPACE			317-311	1.00	.97	SF	13,500	110.00	1.48	
SCIP SPACE			317-311	1.00	.97	SF	1,700	155.00	26	
ROOF TOP ADDITION			317-311	1.00	.97	SF	10,500	210.00	2,20	
PRE-WIRED WORKSTATIONS			317-311	1.00	.97	EA	91	9,500.00	31	
20. PRIMARY FACILITY SUBTOTAL									5,09	
21. SUPPORTING FACILITIES					22. CGF	23. U/M	24. SCOPE	25. UNIT COST	26. Cost (000)	
RADAR FOUNDATIONS					.97	LS			10	
PAVING					.97	LS			20	
27. SUPPORTING FACILITY SUBTOTAL									35	
28. PRIMARY + SUPPORT SUBTOTAL (20 + 27)									5,133	
29. CONTINGENCY (10.0%)									513	
30. TOTAL CONTRACT COST (28 + 29)									5,646	
31. BION (6.0%)									339	
32. TOTAL REQUEST (30 + 31)									5,985	
33. TOTAL REQUEST ROUNDED									6,000	
34. EQUIPMENT FROM OTHER APPROPRIATIONS										

04/14/95

FRI 10:02

FAX 315 330 3172

APR 12 '95

12:01 No.007 P.06

RL/SUR

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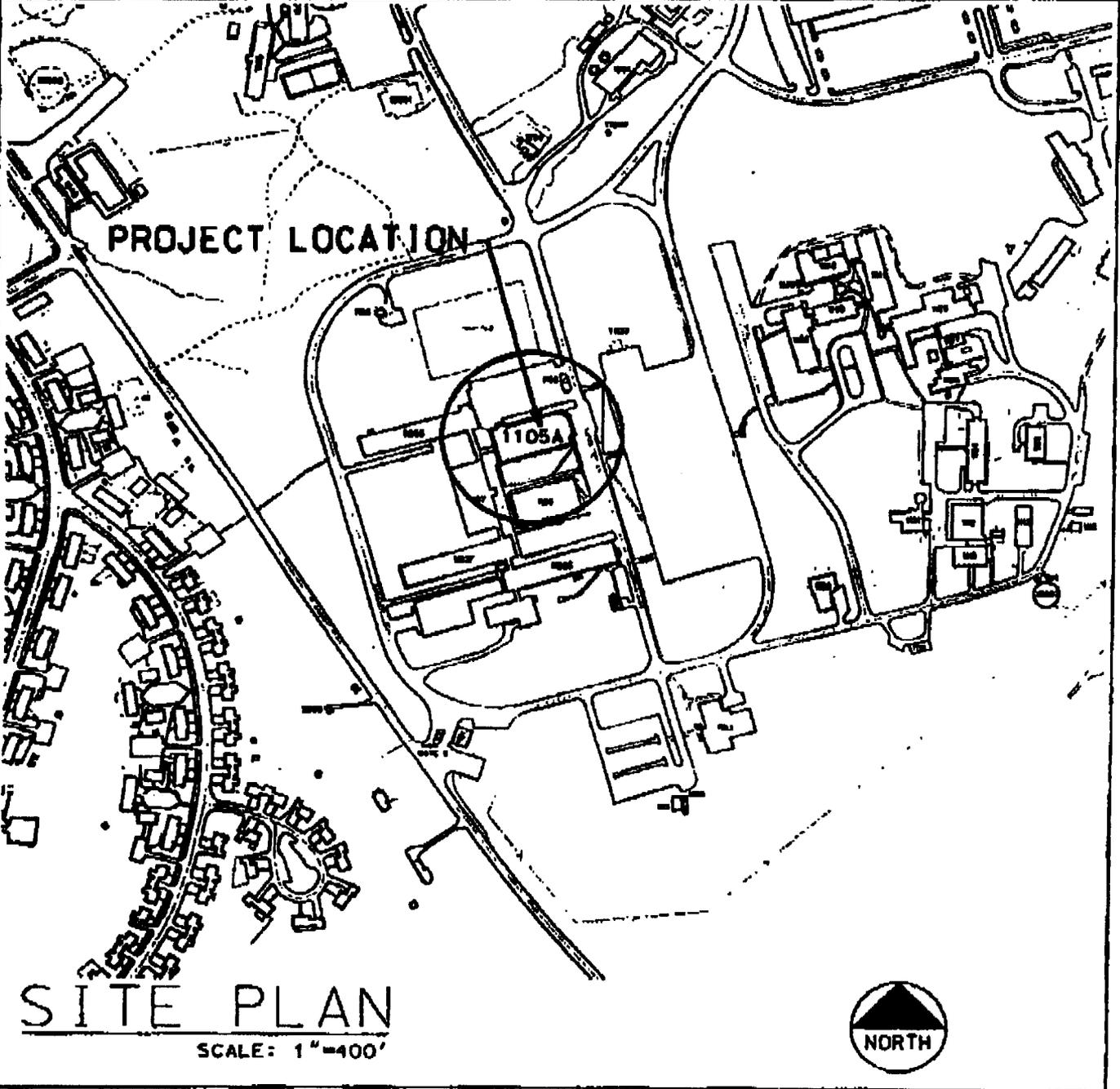
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OC-1105A) OF 12343A	4/29/95	Rev. 5	Requested SF	49,121	1,944	20,202	18,546	920	18,087	4,058	480	1,242	800	49,121
Admin	Engineer's Support	L.L.B.	M.D.L.B.	H.V.L.B.	L.S.C.E.	H.V.S.C.F.	Electrical	Plumbing	Structural	Interior Construction	Exterior Construction	Roofing	Site Work	Landscaping
Grass SF Paved														
Typ. Removal SF														
Light Removal SF														
Major Construct SF														
The Work of Analysis														
2 Workstation Racks														
5 Racks														
Building Airflow System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Specialties														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														
Demolition														
Structures														
Roofing														
Exterior Closure														
Interior Partition														
Special Partitions														
Finishing														
HVAC														
Special Mechanical														
Electrical														
Special Electrical														
Equipment														
Major Construct. per SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Typ. Remov. SF cost	0.048	0.079	0.108	0.128	0.111	0.156	0	0.005	4.700					
Light Removal SF cost	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Total Costs By Bldg System														

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION AND LOCATION HANSCOM AFB, MA
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4. PROJECT TITLE BC-	5. PROJECT NUMBER
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1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE	
AIR FORCE					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
HANSCOM AFB, MASSACHUSETTS			BASE CLOSURE RENOVATE B1102D (OC) ROME LAB		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
	317-311	MXRD950076B	170		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
BC RENOVATE 1102D (OC) RL		LS			144
ADMIN/ENGINEERING		SF	5,600	5	(28)
STORAGE		SF	800	5	(4)
PRE-WIRED WORK STATIONS		EA	32	3,500	(112)
SUBTOTAL					144
CONTINGENCY (10%)					14
TOTAL CONTRACT COST					158
SUPERVISION, INSPECTION AND OVERHEAD (6%)					9
TOTAL REQUEST					167
TOTAL REQUEST (ROUNDED)					170
10. Description of Proposed Construction: Renovate existing facility to include admin./engineering support and storage areas. Supporting facilities include all required utilities, communications, fire protection, alarm systems, pre-wired work stations, and handicap access.					
11. REQUIREMENT: 6,400 SF ADEQUATE: 0 SUBSTANDARD: 6,400 SF					
PROJECT: Base Closure renovate B1102D (OC) Rome Lab.					
REQUIREMENT: This BRAC 95 project is required to provide facilities for the Rome Lab Surveillance Directorate (OC) being relocated from Griffiss AFB. The project is necessary to continue research and development programs including the development of new technologies and technical management of programs.					
CURRENT SITUATION: This Rome Laboratory organization is currently located at Griffiss AFB. The organization is required to relocate to Hanscom AFB under the 1995 BRAC recommendations.					
IMPACT IF NOT PROVIDED: If the project is not provided the Surveillance Directorate of Rome Laboratory Griffiss AFB will be unable to relocate to Hanscom AFB. In addition, research and development programs in advanced surveillance technology will be delayed or cancelled. The cost of research and development programs will be un-necessarily high and the accuracy and completeness of experiments will not be optimal.					
ADDITIONAL: The funding for this project will come from the Base Realignment and Closure Account. The project meets the criteria/scope of Part II Military Handbook 1190, "Facilities Planning and Design Guide" and Air Force Instruction (AFI) 32-1084, "Standard Facility Requirements".					

FY 1995 PROJECT COST ESTIMATE SUMMARY (Computer-Generated)										
1. PDC NUMBER MXRD950076B		2. PROJECT TITLE BC RENOV 1102D (OC) RL					3. DATE 950412			
4. MAJCOM MTC	5. BASE/STATE/INST CODE HANSOM AFB MA			6. ACF 1.29						
7. CONST START 950400		8. MTHS OF CONST 12	9. PG DATE 9610		10. CURRENT PA		11. EXCHANGE RATE .0000			
12. PRIMARY FACILITIES			13. CAT CODE	14. SAF	15. CGF	16. U/M	17. SCOPE	18. UNIT COST	19. COST (000)	
ADMIN/ENGINEERING			317-311	1.00	.97	SF	5,600	5.00	28	
STORAGE			317-311	1.00	.97	SF	800	5.00	4	
PRE-WIRED WORKSTATIONS			317-311	1.00	.97	EA	32	3,500.00	112	
20. PRIMARY FACILITY SUBTOTAL									144	
21. SUPPORTING FACILITIES					22. CGF	23. U/M	24. SCOPE	25. UNIT COST	26. Cost (000)	
27. SUPPORTING FACILITY SUBTOTAL										
28. PRIMARY + SUPPORT SUBTOTAL (20 + 27)									144	
29. CONTINGENCY (10.0%)									14	
30. TOTAL CONTRACT COST (28 + 29)									158	
31. SIOM (6.0%)									9	
32. TOTAL REQUEST (30 + 31)									167	
33. TOTAL REQUEST ROUNDED									170	
34. EQUIPMENT FROM OTHER APPROPRIATIONS										

AF Form 1178, NOV 88.

OC- (1102D) DP 1.2.14	(500)/Sq Ft	4/12/95	Rev. B	Required SF	48,121	6,400	194	1,941	3,868	800	800	48,121
Grass SF Req'd:	1941	20,202	820	18,487	4,066	480	1,242	800				
Typ. Removal SF:	1,941											
Light Removal SF:	1,941											
Major Construct SF:												
No Work SF Available												
S Workdays Req'd	12											
# People	195											
Building Underway System												
Demolition												
Substructure												
Superstructure												
Flooring												
Exterior Closure												
Interior Construction												
Interior Finish												
Specialty												
HVAC												
Specialty Mechanical												
Electrical												
Specialty Electrical												
Equipment												
Major Construct SF each	2,048	0,048	0,078	0,108	0,126	0,144	0,152	0,005				
Typ. Removal SF each	2,048	0,005	0,078	0,108	0,126	0,144	0,152	0,005				
Light Removal SF each	2,048	0,005	0,078	0,108	0,126	0,144	0,152	0,005				
Total Costs By Space Type	10	18	0	0	0	0	0	4				32
Supporting Features	Electrical	Water/Sewer/E	Communications	Fire Alarm Workstation (EAL)	3.5							112
Fire Suppression	Elevator	Linkage	Padding/Work (EAL)	Storage of Waste Units (SW)	0							0
Under Foundation	0											0
1. 55SF to do minor renovations to 1102D												0
2. Roof top addition of 10,000 SF @ 281/SF based on R/O cost.												144

of

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION HANSCOM AFB, MA		
4. PROJECT TITLE BC-	5. PROJECT NUMBER	
<p style="text-align: center;">PROJECT LOCATION</p> <p style="text-align: center;">SITE PLAN</p> <p style="text-align: center;">SCALE: 1"=400'</p> <p style="text-align: right;">NORTH</p>		

1. COMPONENT		2. DATE	
FY 1995 MILITARY CONSTRUCTION PROJECT DATA			
AIR FORCE (computer generated)			
3. INSTALLATION AND LOCATION		4. PROJECT TITLE	
HANSCOM AFB, MASSACHUSETTS		BASE CLOSURE ADD/ALTER B1614 (IR/C3) ROME LAB	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)
	317-311	MXRD950082	20,000

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE ADD/ALTER B1614 (IR/C3) RL				15,022
ADMIN/ENGINEERING	SF	60,000	50	(3,000)
LAB SPACE	SF	48,100	110	(5,291)
SCIF SPACE	SF	34,000	165	(5,610)
STORAGE	SF	5,700	5	(29)
PRE-WIRED WORK STATIONS	EA	312	3,500	(1,092)
SUPPORTING FACILITIES				2,280
SECOND FLOOR CONSTRUCTION	SF	68,000	32	(2,175)
ELEVATOR	LS			(100)
RADAR FOUNDATION	LS			(5)
SUBTOTAL				17,302
CONTINGENCY (10%)				1,730
TOTAL CONTRACT COST				19,032
SUPERVISION, INSPECTION AND OVERHEAD (6%)				1,142
TOTAL REQUEST				20,174
TOTAL REQUEST (ROUNDED)				20,000

10. Description of Proposed Construction: Add/alter existing facility to include: admin./eng. support areas, laboratories, SCIF areas and special use areas. Supporting facilities include all required utilities, communications, fire protection, alarm systems, pre-wired work stations, emergency eyewash/showers, exhaust hoods, asbestos removal and handicap access.

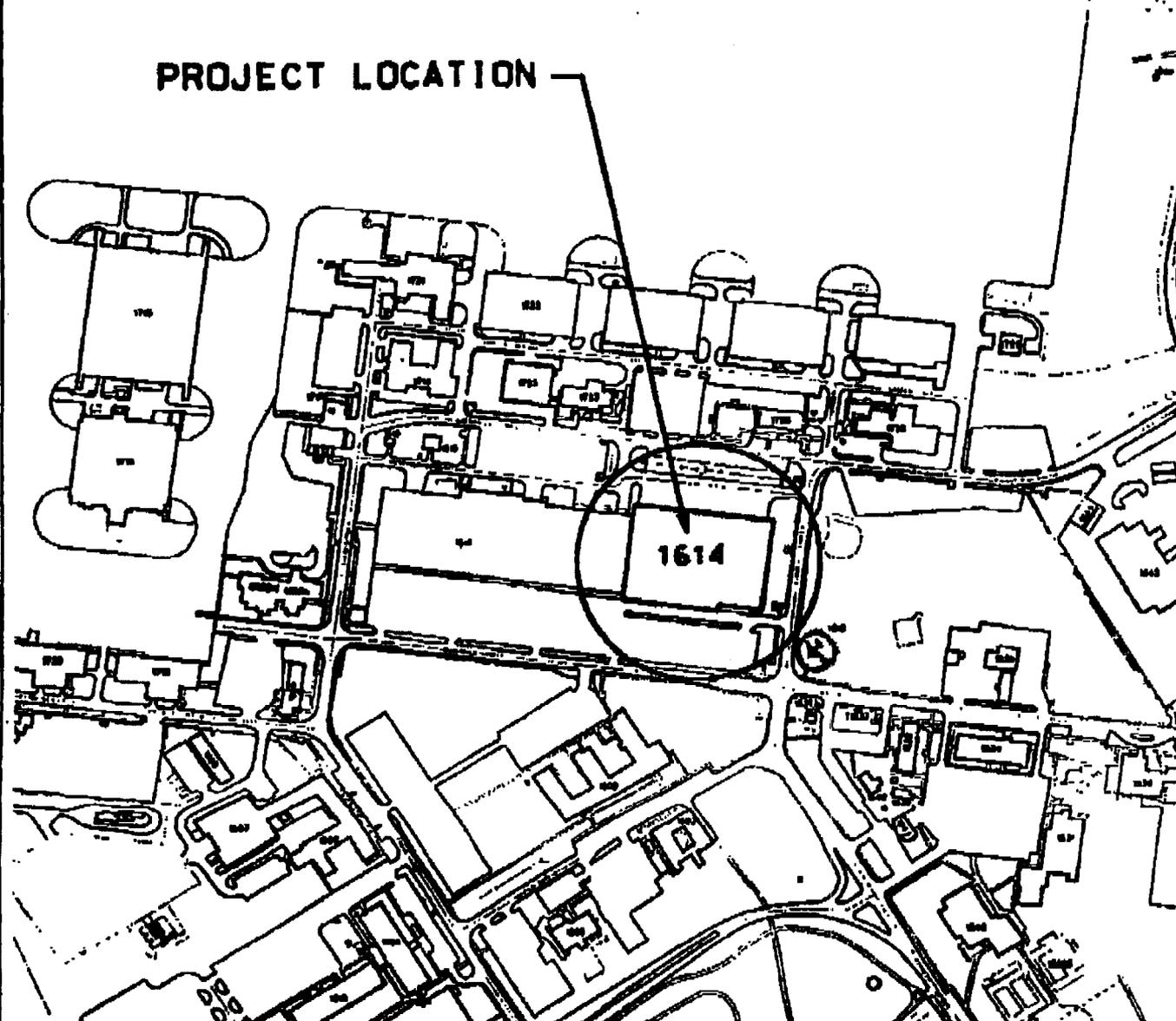
Air Conditioning: 750 Tons.

11. REQUIREMENT: 147,800 SF ADEQUATE: 0 SUBSTANDARD: 80,000 SF
 PROJECT: Base Closure Add/alter B1614 (IR/C3) Rome Lab.
 REQUIREMENT: This BRAC 95 project is required to provide facilities for the Rome Lab Computer, Control & Communications (C3) and Intelligence and Reconnaissance (IR) Directorates being relocated from Griffiss AFB. The project is necessary to continue research and development in C3 and IR and in the development of new technologies and technical management programs.
 CURRENT SITUATION: These Rome Laboratory organizations are currently located at Griffiss AFB. These organizations are required to relocate to Hanscom AFB under the 1995 BRAC recommendations.
 IMPACT IF NOT PROVIDED: If this project is not provided the C3 and IR Directorates of Rome Laboratory, currently at Griffiss AFB, will not be able to relocate to Hanscom AFB. In addition, research and development programs in advanced C3 and IR technology will be delayed or cancelled. The cost of research and development programs will be unnecessarily high and the accuracy and completeness of experiments will not be optimal.
 ADDITIONAL: The funding for the project will come from the Base Realignment and Closure Account. The project meets criteria/scope of Part II Military Handbook 1190, "Facilities Planning and Design Guide" and Air Force Instruction (AFI) 32-1084, "Standard Facility Requirements".

FY 1995 PROJECT COST ESTIMATE SUMMARY (Computer-Generated)										
1. PDC NUMBER MXRD950082		2. PROJECT TITLE BC ADD/ALT 1614 (IR/C3) RL					3. DATE 950412			
4. MAJCOM MTC	5. BASE/STATE/INST CODE HANSCOM AFB MA				6. ACF 1.29					
7. CONST START 950400		8. MTHS OF CONST 12	9. PG DATE 9610		10. CURRENT PA		11. EXCHANGE RATE .0000			
12. PRIMARY FACILITIES			13. CAT CODE	14. SAF	15. CGF	16. U/M	17. SCOPE	18. UNIT COST	19. COS (000)	
ADMIN/ENGINEERING			317-311	1.00	.97	SF	60,000	50.00	3,000	
LAB SPACE			317-311	1.00	.97	SF	48,100	110.00	5,290	
SCIF SPACE			317-311	1.00	.97	SF	34,000	165.00	5,610	
STORAGE			317-311	1.00	.97	SF	5,700	5.00	285	
PRE-WIRED WORKSTATIONS			317-311	1.00	.97	EA	312	3,500.00	1,092	
20. PRIMARY FACILITY SUBTOTAL									15,027	
21. SUPPORTING FACILITIES					22. CGF	23. U/M	24. SCOPE	25. UNIT COST	26. COS (000)	
ELEVATOR					.97	LS			100	
RADAR FOUNDATION					.97	LS				
SECOND FLOOR CONSTRUCTION					.97	SF	68,000	32.22	2,191	
27. SUPPORTING FACILITY SUBTOTAL									2,296	
28. PRIMARY + SUPPORT SUBTOTAL (20 + 27)									17,318	
29. CONTINGENCY (10.0%)									1,732	
30. TOTAL CONTRACT COST (28 + 29)									19,050	
31. SICH (6.0%)									1,143	
32. TOTAL REQUEST (30 + 31)									20,193	
33. TOTAL REQUEST ROUNDED									20,000	
34. EQUIPMENT FROM OTHER APPROPRIATIONS										

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Or	CS-1814 OPL 3A	BIDDING					4/28/95	REV. 5
Admin	Estimating/Support	TLIB	Med Lib	HW Lib	LSCE	HW BCE	Support	
	2,794	28,098	3,880	21,888	0	18,000	5,119	
	2,754	28,098	3,880	21,888	0	18,000	5,119	
	Light Renovation SF:							
	Major Construct. SF:							
	# Workstations Required	150						
	# People	180						
	Bidding Uniform System							
	Demolition							
	Substructure							
	Superstructure							
	Roofing							
	Exterior Cladding							
	Interior Construction							
	Interior Finishes							
	Specialties							
	Plumbing							
	HVAC							
	Special Mechanical							
	Electrical							
	Special Electrical							
	Equipment							
	Total per SF costs	0.048	0.078	0.108	0.128	0.111	0.158	
	Alternate SF costs						0.005	
	Total Costs By Spec Type	132	1,349	291	2,391	0	2,305	
	Supporting Facilities							
	Electrical							
	Watermarking							
	Communications							
	Pre-Work Workstations (CW)	3.5						
	Adhesive Removal							
	Fire Suppression							
	Structural Steel							
	Specialty							
	Rebar Foundation	3						
	Parking/Storage (CA)	0						
	Storage of Mobile Units (CA)	44						
	Special Purpose SF requirements added to Eng. Support SF requirements							
	2. All Structural and Architectural costs above typical renovation SF costs are carried on FF breakdown							
	Grand Total						7,640	
	Total Costs By Bldg System						33	

1. COMPONENT AIR FORCE		2. DATE FY 1995 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLATION AND LOCATION HANSCOM AFB. MA			
4. PROJECT TITLE BC-		5. PROJECT NUMBER	
PROJECT LOCATION			
			
SITE PLAN SCALE: 1"=400'			

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
HANSCOM AFB, MASSACHUSETTS			BASE CLOSURE RECONFIGURE B1302 F (DO) ROME LAB		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
	317-311	MXRD950083A	460		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE RECONFIGURE B1302 F (DO) RL					350
ADMIN/ENGINEERING		SF	29,400		()
PRE-WIRED WORK STATIONS		EA	100	3,500	(350)
SUPPORTING FACILITIES					45
PARKING		EA	100	450	(45)
SUBTOTAL					395
CONTINGENCY (10%)					40
TOTAL CONTRACT COST					435
SUPERVISION, INSPECTION AND OVERHEAD (6a)					26
TOTAL REQUEST					461
TOTAL REQUEST (ROUNDED)					460
10. Description of Proposed Construction: Renovate existing facility to include: administrative and engineering support areas. Supporting facilities include all required utilities, communications, fire protection, alarm systems, pre-wired work stations, parking and handicap access.					
11. REQUIREMENT: 29,400 SF ADEQUATE: 29,400 SF SUBSTANDARD: 0					
PROJECT: Base Closure reconfigure B1302F (DO) Rome Lab.					
REQUIREMENT: This BRAC 95 project is required to provide facilities for the Rome Lab mission support which includes the Directorates of Operations (DO), PK, XP, and FM personnel being relocated from Griffiss AFB. The project is necessary to continue the support for research and development programs including the development of new technologies and technical management of programs.					
CURRENT SITUATION: These Rome Laboratory organizations are currently located at Griffiss AFB. These organizations are required to relocate to Hanscom AFB under the 1995 BRAC recommendations.					
IMPACT IF NOT PROVIDED: If this project is not provided the mission support part of Rome Laboratory, currently located at Griffiss AFB, will not be able to relocate to Hanscom AFB. In addition, research and development programs supported by these directorates will be delayed or cancelled. The cost of research and development programs will be un-necessarily high and the accuracy and completeness of experiments will not be optimal.					
ADDITIONAL: The funding for the project will come from the Base Realignment and Closure Account. The project meets the criteria/scope of Part II Military Handbook 1190, "Facility Planning and Design Guide", and Air Force Instruction (AFI) 32-1084, "Standard Facility Requirements".					

FY 1995 PROJECT COST ESTIMATE SUMMARY										(Computer-Generated)
1. PDC NUMBER MXRD950083A			2. PROJECT TITLE BG -RECONFIGURE B1302F (DO) RL					3. DATE 950412		
4. MAJCOM MTC		5. BASE/STATE/INST CODE HANSOM AFB MA					6. ACF 1.29			
7. CONST START 950400		8. MTHS OF CONST 12		9. PG DATE 9610		10. CURRENT PA		11. EXCHANGE RATE .0000		
12. PRIMARY FACILITIES			13. CAT CODE	14. SAF	15. GGF	16. U/M	17. SCOPE	18. UNIT COST	19. COST (000)	
ADMIN/ENGINEERING			317-311	1.00	.97	SF	29,500	29,400		
PRE-WIRED WORKSTATIONS			317-311	1.00	.97	SF	100	3,500.00	350	
20. PRIMARY FACILITY SUBTOTAL									350	
21. SUPPORTING FACILITIES					22. GGF	23. U/M	24. SCOPE	25. UNIT COST	26. Cost (000)	
PARKING					.97	EA	100	450.00	45	
27. SUPPORTING FACILITY SUBTOTAL									45	
28. PRIMARY + SUPPORT SUBTOTAL (20 + 27)									395	
29. CONTINGENCY (10.0%)									40	
30. TOTAL CONTRACT COST (28 + 29)									435	
31. \$10% (6.0%)									26	
32. TOTAL REQUEST (30 + 31)									461	
33. TOTAL REQUEST ROUNDED									460	
34. EQUIPMENT FROM OTHER APPROPRIATIONS										

1. COMPONENT AIR FORCE	FY 1995 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION HANSCOM AFB. MA		
4. PROJECT TITLE BC-	5. PROJECT NUMBER	
<p>SITE PLAN SCALE: 1"=400'</p>		

DD FORM 1391c
DEC 76

PREVIOUS EDITION IS OBSOLETE IN THE US

PAGE No.

U.S. G.P.O. 1977-241-130/125

1. COMPONENT		FY 1995 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
AIR FORCE		(computer generated)			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
HANSCOM AFB, MASSACHUSETTS			BASE CLOSURE RECONFIGURE B1102 F (DO) ROME LAB		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST(\$000)		
	317-311	MXRD950083G	220		

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
BASE CLOSURE RECONFIGURE B1102 F (DO) RL				189
LAB SPACE	SF	18,000		()
PRE-WIRED WORK STATIONS	EA	54	3,500	(189)
SUBTOTAL				189
CONTINGENCY (10%)				19
TOTAL CONTRACT COST				208
SUPERVISION, INSPECTION AND OVERHEAD (6%)				12
TOTAL REQUEST				220
TOTAL REQUEST (ROUNDED)				220

10. Description of Proposed Construction: Renovate existing facility to include administrative and engineering space and light laboratory space. Supporting facilities include all required utilities, communications, fire protection, alarm systems, pre-wired work stations and handicap access.

11. REQUIREMENT: 18,000 SF ADEQUATE: 18,000 SF SUBSTANDARD: 0

PROJECT: Base closure reconfigure B1102F (DO) Rome Lab arch laboratory.

REQUIREMENT: This BRAC 95 project is required to provide facilities for the Rome Lab mission support which includes the Directorates of Operations (DO), PK, XP, and FX personnel being relocated from Griffiss AFB. The project is necessary to continue the support for research and development programs including the development of new technologies and technical management of programs.

CURRENT SITUATION: These Rome Laboratory organizations are currently located at Griffiss AFB. These organizations are required to relocate to Hanscom AFB under the 1995 BRAC recommendations.

IMPACT IF NOT PROVIDED: If this project is not provided these Directorates of Rome Laboratory, currently located at Griffiss AFB, will be unable to relocate to Hanscom AFB. In addition, research and development programs they support will be delayed or cancelled. The cost of research and development programs will be un-necessarily high and the accuracy and completeness of experiments will not be optimal.

ADDITIONAL: The funding for the project will come from the Base Realignment and Closure Account. The project meets the criteria/scope of Part II Military Handbook 1190, "Facility Planning and Design Guide", and Air Force Instruction (AFI) 32-1084, "Standard Facility Requirements".

FY 1995 PROJECT COST ESTIMATE SUMMARY (Computer-Generated)										
1. PDC NUMBER MORD950083C			2. PROJECT TITLE BC -RECONFIGURE B 1102F (DO)RL					3. DATE 950412		
4. MAJCOM MIG		5. BASE/STATE/INST CODE HANSOM AFB MA				6. ACF 1.29				
7. CONST START 950400		8. MTHS OF CONST 12		9. PG DATE 9610		10. CURRENT PA		11. EXCHANGE RATE .0000		
12. PRIMARY FACILITIES			13. CAT CODE	14. SAF	15. CGF	16. U/M	17. SCOPE	18. UNIT COST	19. COS (000)	
LAB SPACE			317-311	1.00	.97	SF	18,000			
PRE-WIRED WORKSTATIONS			317-311	1.00	.97	EA	54	3,500.00	181	
20. PRIMARY FACILITY SUBTOTAL									189	
21. SUPPORTING FACILITIES					22. CGF	23. U/M	24. SCOPE	25. UNIT COST	26. Cost (000)	
27. SUPPORTING FACILITY SUBTOTAL										
28. PRIMARY + SUPPORT SUBTOTAL (20 + 27)									189	
29. CONTINGENCY (10.0%)									19	
30. TOTAL CONTRACT COST (28 + 29)									208	
31. SICH (6.0%)									12	
32. TOTAL REQUEST (30 + 31)									220	
33. TOTAL REQUEST ROUNDED									220	
34. EQUIPMENT FROM OTHER APPROPRIATIONS										

o/c

DOMS-11227 Oct 3

OR	DOMS - (11227) Oct 1A	(\$000)SALES							#1275	Rev. 5	3F TOTAL	\$3502
		LLIB	MedLab	Hvy Lab	LABOR	Hvy SCF	Storage					
	Arch	23,814	8,398	8,787	9,155	3,611	1,889	0	0	200	53502	
	Gross SF Req'd:	0	0	0	0	0	0	0	0	0	17942	
	"No Work" SF Available	0	0	8787	9155	0	0	0	0	0	0	
	# Ventilations Required	54	0	0	0	0	0	0	0	0	0	
	# People	169	0	0	0	0	0	0	0	0	0	
	Building Uniform System											
	Dentition:										0	
	Substructure										0	
	Superstructure										0	
	Flooring										0	
	Exterior Closure:										0	
	Interior Construction:										0	
	Interior Finishes										0	
	Specialties										0	
	Plumbing										0	
	HVAC										0	
	Special Mechanical										0	
	Electrical										0	
	Special Electrical										0	
	Equipment										0	
	Total per SF costs	0.048	0.048	0.078	0.106	0.128	0.111	0.158	0.006			
	Total Costs By Space Type	0	0	0	0	0	0	0	0	0	0	
	Supporting Factors	0	0	0	0	0	0	0	0	0	0	
	Electrical	0	0	0	0	0	0	0	0	0	0	
	Mass/Concrete	0	0	0	0	0	0	0	0	0	0	
	Compartments	0	0	0	0	0	0	0	0	0	0	
	Pre-Wired Workstations (EA)	3.5	0	0	0	0	0	0	0	0	169	
	Asbestos Removal	0	0	0	0	0	0	0	0	0	0	
	Fire Suppression	0	0	0	0	0	0	0	0	0	0	
	Lift	0	0	0	0	0	0	0	0	0	0	
	Elevator	0	0	0	0	0	0	0	0	0	0	
	Radar Foundation	0	0	0	0	0	0	0	0	0	0	
	Parking (EA)	0	0	0	0	0	0	0	0	0	0	
	Storage	0	0	0	0	0	0	0	0	0	0	
	1. Special Purpose SF requirements added to Eng. Support SF requirements:										169	
	Grand Total										169	

1. COMPONENT AIR FORCE		FY 1995 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION HANSCOM AFB, MA				
4. PROJECT TITLE BC-			5. PROJECT NUMBER	

PROJECT LOCATION

SITE PLAN
SCALE: 1"=400'

NORTH

DD FORM 1391c
DEC 76

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PAGE No.

U.S. G.P.O. 1977-261-130/1215

POSSIBLE ROME LAB MOVE

OPTION 3A

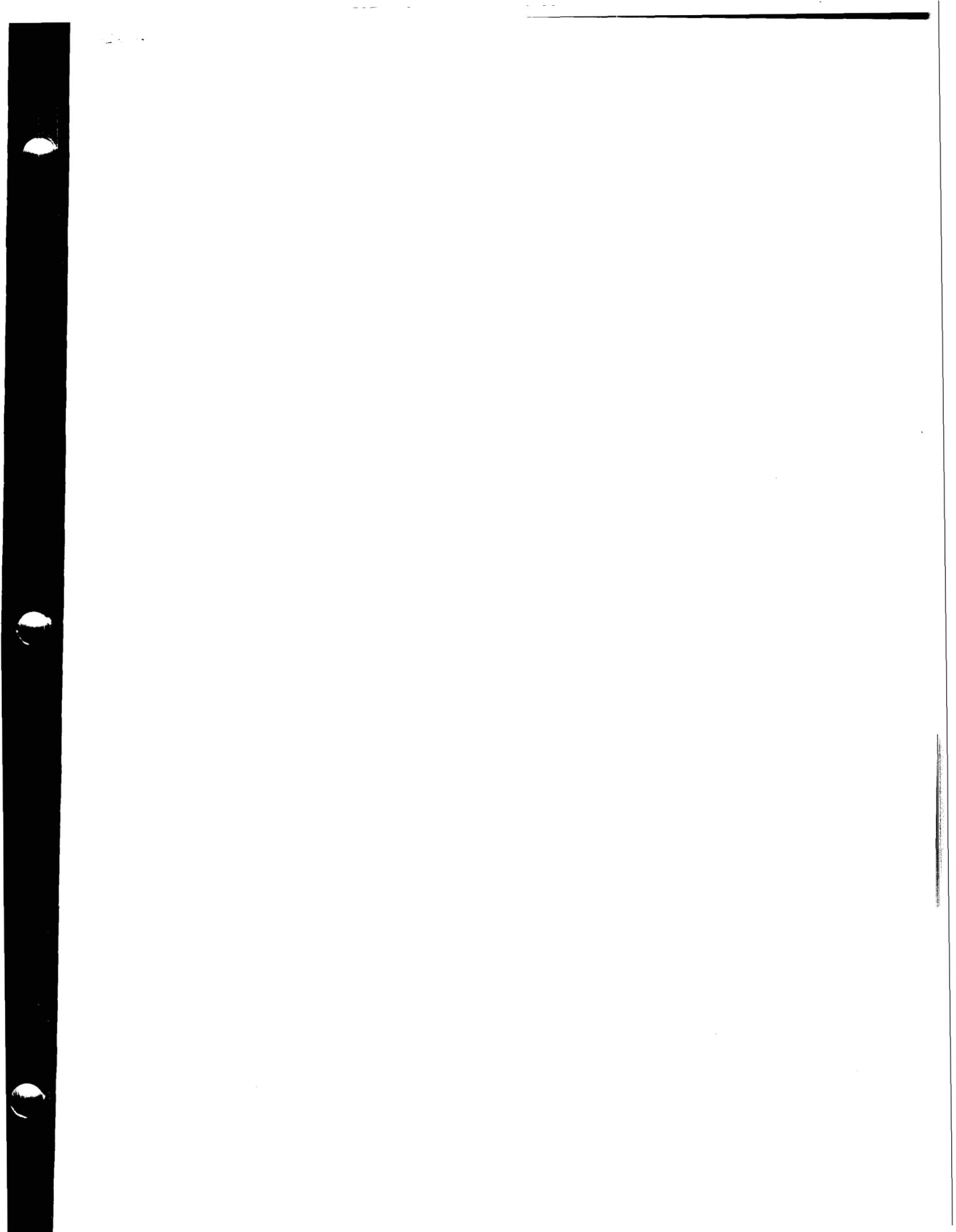
Organization	Required SF	Location	Available SF	Delta	
OC	48100	1105A (1E2)	42200	-5900	5.6%
		1102D	6000	+100	.4%
					+10%
IR	65700	1614	150000	+84300	8.7%
C3	76700	1614	84300 OF	+7600	7.4%
			150000		
Mission Support	53500	1302F (2E3)	28700	-24800	3%
		1102P	18600	-6200	1.6%
		1614	7600 OF	+1400	.6%
			150000		
					22.2%
					25.9%

- Notes :
1. No New Building.
 2. Commissary (1614) available, add entire 2nd floor
 3. NO need to move the "NASC"

11 April, 1995

TO: DICK HELMEN
60550

LABORATORY JOINT CROSS-SERVICE GROUP MEMBERS			
ORG	NAME	AFFILIATION*	LOCATION
OSD			
DDR&E	Dr. Anita K. Jones	OSD	PENTAGON
DDDR&E (LM)	Dr. Craig Dorman	OSD	PENTAGON
ODDDR&E (LM)	MAJ Pope	OSD	PENTAGON
S&SS	Dr. Weiss	OSD	PENTAGON
T&E	Mr. John Bolino	OSD	PENTAGON
T&E	Mr. Boyles	OSD	PENTAGON
OT&E	Mr. Nick Toomer	OSD	PENTAGON
OT&E	Mr. Joe Moore	OSD	PENTAGON
AT	Mr. Tom Perdue	OSD	PENTAGON
C3I	Mr. Bill O'Donnell	OSD	PENTAGON
C3I	Mr. Hal Henry	OSD	PENTAGON
PA&E	Mr. Steve Miller	OSD	PENTAGON
DNA	Mr. Don Linger	OSD	PENTAGON
TWP	Dr. Paris Genalis	OSD	PENTAGON
P&R	Mr. Don Johnson	OSD	PENTAGON
ER&BRAC	Mr. Mike McAndrew	OSD	PENTAGON
COMPT	Mr. Don Bortner	OSD	PENTAGON
COMPT	Ms. Janet Fleetwood	OSD	PENTAGON
IG	Ms. Nancee LaBute	OSD	PENTAGON
IG	Mr. Ray Spencer	OSD	PENTAGON
ARMY			
ASARDA	Mr. George Singley	ASA (RD&A)	PENTAGON
SARD	Dr. Chait	DASA (RD&A)	PENTAGON
SARD-ZT	LTC Thomas	DASA (RD&A)	PENTAGON
AMC	Mr. Steven Balint	AMC (ODCG)	ALEXANDRIA, VA
TABS	LTC Powell	ASA (I, L&E)	PENTAGON
AIR FORCE			
SAF/AQ	Mr. Jim Mattice	ASAF (ACQ)	PENTAGON
	Mr. Matt Mleziva	HANSCOM-ESC	HANSCOM AFB
	Mr. Tom Frysinger	APSO-ASC	WRIGHT-PAT AFB
	Mike Binion	ARMSTRONG LAB	BROOKS AFB
NAVY			
BSAT	Mr. John Trick	ASN (I&E)	PENTAGON
BSAT	CDR Evans	ASN (I&E)	PENTAGON
ASN (RD&A)	RADM Oliver	ASN (RD&A)	PENTAGON
ASN (RD&A)	CAPT Casey	ASN (RD&A)	PENTAGON
* ORGANIZATION RESPONSIBLE FOR EVALUATING PERFORMANCE			





ECONOMIC
SECURITY

ASSISTANT SECRETARY OF DEFENSE

3300 DEFENSE PENTAGON
WASHINGTON DC 20301-3300



April 10, 1995

Honorable Alan J. Dixon
Chairman, Defense Base Closure
and Realignment Commission
1700 N. Moore Street, Suite 1425
Arlington, Virginia 22209

Please refer to this number
when responding 950308-1R1

Dear Mr. Chairman:

Thank you for the opportunity to testify on March 1, 1995, regarding the Department's closure and realignment recommendations and process. In response to your request, enclosed are answers to your questions for the record.

I trust this information will be helpful, please let me know if there is anything else we can provide.

Sincerely,


Joshua Gotbaum

Enclosure



COMMISSION QUESTIONS FOR THE RECORD**Mr. Joshua Gotbaum**

Question 1: What is the annual cost of the excess infrastructure in the Joint Cross-Service areas remaining after the 1995 round?

Answer: I have asked the Comptroller to gather the data necessary to estimate the cost of maintaining excess infrastructure remaining after BRAC 95. I will forward a response as soon as we have been able to assimilate the data.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 2: The Defense Science Board (DSB) recommended a 20 percent cut in the laboratories' Civil Service personnel, in addition to the 4 percent per annum cut directed by Defense Policy Guidance 1995 through 1999. According to a senior DoD official, these cuts will result in a 35 percent reduction in these personnel by the turn of the century.

How much of a reduction in DoD laboratory infrastructure is contained in your recommendations?

How and when is DoD going to eliminate the excess infrastructure?

Answer: Most laboratory reductions -- the 35 percent you mention -- will come from the allocation of workload reductions rather than from BRAC actions.

The DoD recommendations for laboratory closures and realignments eliminate a relatively small amount of our excess capacity. However, there were noteworthy laboratory reductions including Naval Air Warfare Center Divisions at Lakehurst, NJ, and Indianapolis, IN, among others.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 3: The Joint Cross-Service Review Team provided two options, both resulting in the closure of 8 depots. These options would eliminate between 30 million to 35 million excess hours from a total excess capacity of about 40 million hours.

The final DoD recommendation would close 3 depots and realign 7 others. How many hours of excess capacity will be eliminated if these recommendations are approved?

Answer: If the DoD recommendations are adopted, excess capacity will be reduced by just over 20 million direct labor hours, or by about 50 percent of the total excess capacity. The Department believes this to be a significant accomplishment.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 4: What are the bases that were not recommended for closure by the Navy to the Secretary of Defense for economic reasons?

Which, if any, installations were substituted for these omitted closures?

Answer: Because of a concern over total job losses in the State of California and Territory of Guam, the Department of the Navy did not close the following activities, even though it otherwise, through its analytical process, could have arrived at a conclusion to recommend closure:

Fleet and Industrial Supply Center, Oakland, CA

Western Division, Naval Facilities Engineering Command,
San Bruno, CA

Supervisor of Shipbuilding, Construction and Repair,
San Francisco, CA

Naval Warfare Assessment Division, Corona, CA, and
Public Works Center, Guam

These actions reflect stand-alone decisions; there were no substitutions for these activities.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 5: What do your recommendations do to merge medical facilities across the Services in each region?

What possibilities were analyzed (cover by region)?

Answer: The Medical Joint Cross-Service Group looked at overlapping catchment areas in their analysis of the Medical Health Services System infrastructure. The group aggressively sought out opportunities for consolidation of inpatient services. Six of sixteen of the alternatives were based on the evaluation of potential mergers across the Services. These included Fort Meade and Fort Belvoir in the National Capital Region, USAF Academy Hospital in the Academy/Fort Carson area, Shaw AFB Hospital in the Shaw/Fort Jackson area, Langley AFB Hospital in the Tidewater area, and Wilford Hall Medical Center in the San Antonio area.

Of these alternatives, the hospital at Ft. Meade was recommended for downsizing by the Secretary of the Army, as was the hospital at Ft. Lee, Virginia. The Army also recommended the closure of Fitzsimmons Medical Center in Colorado, and both the Army and Air Force have agreed to realign their respective hospitals at Ft. Carson and the Air Force Academy to ensure adequate and cost efficient health care services remain to serve beneficiaries in the area. The Ft. Carson and Air Force Academy actions, along with the elimination of duplicate health care services in the San Antonio, Texas, Shaw AFB/Ft. Jackson, South Carolina, and the Virginia Tidewater areas will take place outside of the BRAC process. The Department is also implementing TRICARE, a congressionally-mandated regional health care program. TRICARE is designed to increase access, improve quality and curb the rising cost of health care, while providing a uniform benefit for eligible beneficiaries. TRICARE will also serve as an incentive to further reduce duplicate services and share resources across Service lines.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 6: How did DoD view the benefits of regional (medical) complexes?

Answer: The Department believes there are significant benefits to pursuing and evaluating consolidation of medical services and training. Through the base closure and Defense Health Program processes, the Department will continue to aggressively pursue these benefits. At the same time, the Department is implementing TRICARE, our congressionally-mandated regional managed health care program. TRICARE is designed to increase access, improve quality and curb the rising cost of health care, while providing a uniform benefit for eligible beneficiaries.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 7: NAS Meridian received two looks -- one at the service level and the second look at the joint level. If the joint ranking was higher, why didn't DoD take action based on the joint ranking, rather than accepting the Service recommendation?

Answer: The two "looks" are not the same. The Joint Cross-Service Groups were established by the Deputy Secretary of Defense to provide a DoD-wide evaluation of their respective areas - undergraduate pilot training (UPT) in this case. They were further empowered to provide alternatives for subsequent analysis by the Military Departments which would reduce capacity and associated functional infrastructure. While the analyses conducted by the JCSG on UPT established a site value for each function (e.g., strike, helicopter, airlift/tanker, etc.), it did not rank sites by an overall average functional value. In producing its alternatives, the JCSG analyses utilized military values, functional values, and capacity resources. The Military Departments looked at the military value of installations based on all of their missions. Therefore, the evaluation conducted by the JCSGs was not a substitute for, but rather a component of, the Military Department analysis. In the case of Meridian, the Navy decided, and the Secretary of Defense agreed, that it did not need the training capability at NAS Meridian.

COMMISSION QUESTIONS FOR THE RECORD**Mr. Joshua Gotbaum**

Question 8: If implemented, will the Department's recommendations to the Commission reduce a major portion of the excess capacity in any or all of the five cross-service functional areas? Please discuss those areas in detail where large amounts of excess capacity remain?

Answer: With the exception of Laboratories and Test & Evaluation, the DoD recommendations contain significant cross-service actions which generally achieve overall cross-service and excess capacity goals. In the Laboratories and Test & Evaluation areas, we will continue programmatic efforts to deal with remaining excess capacity, such as downsizing in place.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 9: In May 1994, the Deputy Secretary of Defense stated that "Core is the capability maintained within organic Defense depots to meet readiness and sustainability requirements...Core depot maintenance capabilities will comprise only the *minimum facilities, equipment and skilled personnel necessary* to ensure a ready and controlled source of required competence." (emphasis added)

If DoD's recommendations are implemented, will any of the Services retain capacity above their core level?

If so, what are the reasons for retaining this capacity?

Answer: Although we have achieved a substantial depot maintenance capacity reduction all of the Services will retain some capacity above the core level. Further reductions will require developing a better sense of cross-service and private sector capabilities.

Question: Will DoD's base closure list result in the minimum number of facilities to ensure readiness and sustainability?

Answer: No. The goal is to reduce capacity, not merely the number of facilities. With regard to depots, the goal was to reduce excess capacity in a cost effective manner while retaining sufficient capability to meet critical readiness capabilities and requirements.

Question: If not, what means will the Department use to implement the Deputy Secretary's direction?

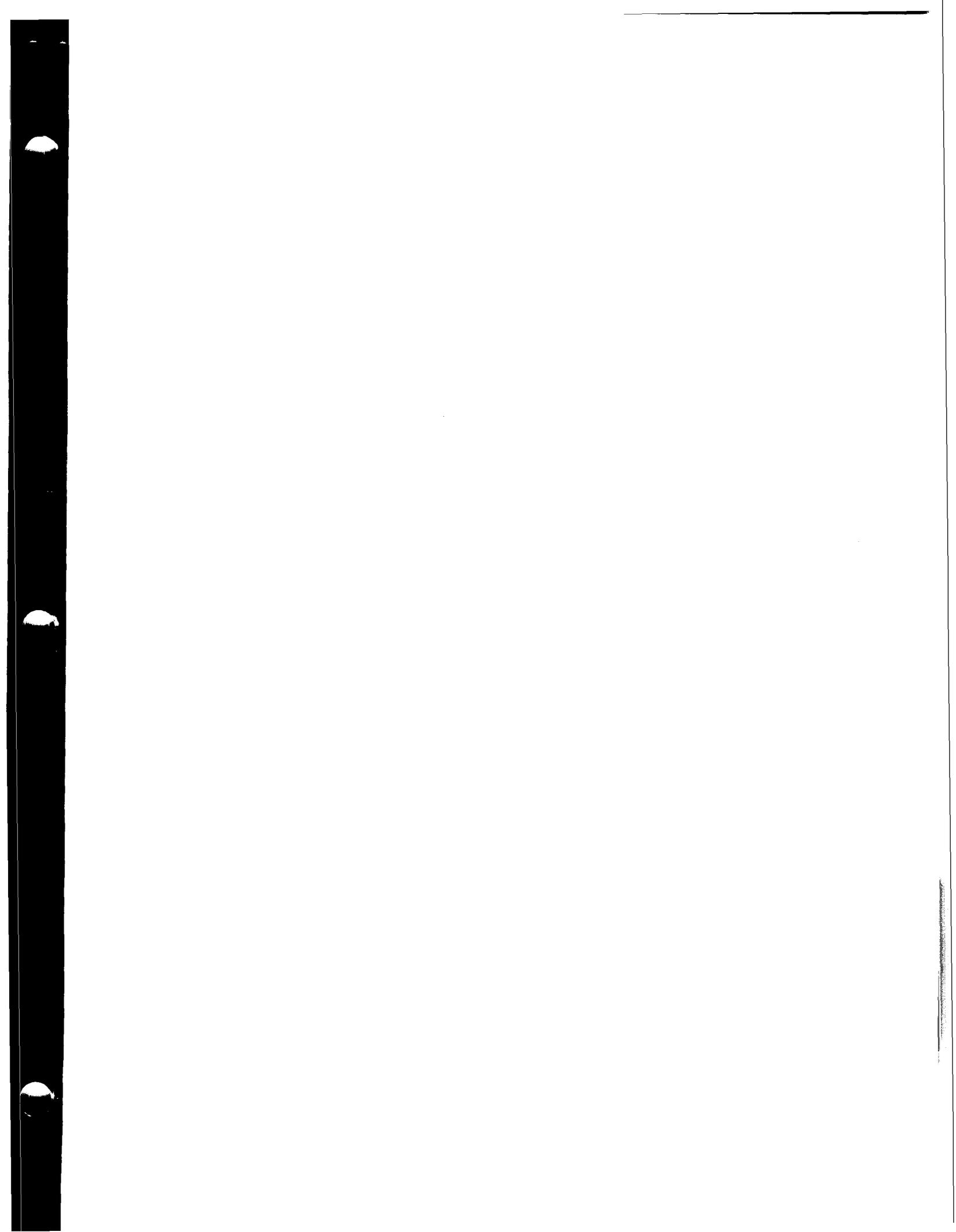
Answer: The definition and quantification of core requirements must be separated from the sizing of the infrastructure to support those requirements. It is impossible and undesirable to attempt to exactly match capacity and requirements. With that in mind, the Department believes that the proposed closure and realignments achieve the objectives set forth by the Deputy Secretary.

COMMISSION QUESTIONS FOR THE RECORD
Mr. Joshua Gotbaum

Question 10: In 1993, the Defense Base Closure Commission realigned part of the Defense Information Service Agency (DISA) into 16 information processing megacenters. At that time, all officials concluded there would be excess capacity even within these megacenters. Some have suggested that DISA actually requires only 5 megacenters. To realign, DISA would have to come to the Commission to change the 1993 recommendation.

Given that there is excess capacity within DISA, why are there not recommendations for further consolidation?

Answer: The current megacenter migration resulting from BRAC 93 began in FY 94 and is scheduled for completion through FY 98. Due to the ongoing establishment of these megacenters and their changing workload, meaningful capacity requirements are extremely difficult if not impossible to determine at this time. Before major changes can be made, the operating environment of this relatively new organization needs to stabilize.



1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section I

I. Force Structure

I.1.A No NAF or Non-Air Force activities on base.

I.1.B No Remote/Geographically Separated Units receive more than 50% of Base Operational Support from the base.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

- I.2.A.1 None of the base ATCALs are officially part of the NAS.
 I.2.A.2 Base has No ATC facilities.
 I.2.A.4 The base does not have a runway.

B. Geographic Location

- | | | | | |
|---------|---|-----------|----------|-------|
| I.2.B.1 | Nearest major primary airlift customer: | FORT DRUM | distance | 51 NM |
| | Nearest major primary airdrop customer: | FORT DRUM | distance | 51 NM |
| I.2.B.2 | Distance to forward deployment Air Bases: | | | |
| | Lajes AB: | 2202 NM | | |
| | Rota AB: | 3196 NM | | |
| | Hickam AFB: | 4315 NM | | |
| | RAF Mildenhall: | 3079 NM | | |

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	GRIFFISS AFB	0
I.2.B.4	Military airfield, runway >= 8,000ft	GRIFFISS AFB	0
I.2.B.5	Military airfield, runway >= 10,000ft	GRIFFISS AFB	0
I.2.B.6	Military or civilian airfield, runway >= 3,000ft		
I.2.B.7	Military or civilian airfield, runway >= 8,000ft		
I.2.B.8	Military or civilian airfield, runway >= 10,000ft		
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations		
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations		
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-105 A,B,D,E,G	268 NM	W-155 A,B,D,E,G	268 NM	W-107 A,D,E,F	269 NM
W-105A	289 NM	W-108 A,B	297 NM		

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-107A	267 NM	W-105 A,B,D,E,G	268 NM	W-155 A,B,D,E,G	268 NM
W-105E	269 NM	W-107 A,D,E,F	269 NM	W-105A	289 NM
W-108 A,B	297 NM	W-102 LOW	310 NM	W-386 A,B,C,D,E	345 NM
W-386B	346 NM	W-387 A,B	386 NM	W-387A	386 NM
W-72A	419 NM	W-72 A,B	444 NM	W-72B	460 NM
W-122 A,B,C,F,G,H,I,J	492 NM	W-122 D	525 NM	W-122 E	525 NM
W-122C	539 NM	W-122F	553 NM	W-122 A,B,C,D,E,F,G,H,I	565 NM

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

W-122I	584 NM	W-122G	586 NM	
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I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
FT DRUM	61 NM	INDIANTOWN GAP	177 NM	WARREN GROVE	219 NM
GRAYLING	408 NM	NAVY DARE COUNTY	450 NM	USAF DARE COUNTY	453 NM
CHERRY POINT BT-11	497 NM	JEFFERSON PROVING G	519 NM	ATTERBURY	536 NM
POINSETT	613 NM	HARDWOOD	640 NM	TOWNSEND	762 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

WARREN GROVE	219 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

OCEANA TACTS	434 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

FT DRUM	61 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	0	1	1	25	40	59
SR	0	2	6	46	55	76
VR	2	4	5	32	70	96
Total Routes:	2	7	12	103	165	231

Identify Routes:

VR-724 64 NM	VR-725 64 NM							
VR-1801 112 NM	VR-707 121 NM	SR-900 122 NM	SR-825 124 NM	IR-801 148 NM				
VR-1800 151 NM	SR-901 155 NM	SR-905 168 NM	SR-823 172 NM	SR-902 190 NM				
VR-840 205 NM	VR-841 205 NM	VR-842 205 NM	SR-800 207 NM	SR-847 207 NM	SR-805 207 NM			
SR-801 207 NM	VR-704 209 NM	VR-705 209 NM	VR-1757 211 NM	IR-843 216 NM	IR-843A 216 NM			
SR-904 217 NM	VR-708 225 NM	SR-844 226 NM	SR-845 226 NM	SR-846 226 NM	SR-818 250 NM			
SR-802 253 NM	SR-806 253 NM	SR-808 253 NM	SR-807 253 NM	SR-804 253 NM	SR-803 253 NM			
IR-610 254 NM	SR-817 258 NM	IR-716 268 NM	VR-1711 271 NM	VR-1712 271 NM	VR-1713 271 NM			
VR-1709 278 NM	SR-815 293 NM	SR-835 293 NM	SR-822 293 NM	SR-816 293 NM	SR-820 293 NM			
SR-821 293 NM	VR-1758 298 NM	VR-1624 320 NM	VR-1625 320 NM	VR-1759 329 NM	IR-800 333 NM			
IR-804 333 NM	IR-800A 333 NM	IR-850 338 NM	IR-852 338 NM	IR-851 338 NM	SR-701 341 NM			
VR-1628 341 NM	VR-1627 341 NM	SR-703 341 NM	SR-702 342 NM	IR-800B 351 NM	IR-714 354 NM			

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

VR-1754	354 NM	SR-782	354 NM	IR-760	354 NM	IR-720	355 NM	VR-1753	356 NM	VR-1755	356 NM
IR-802	357 NM	IR-803	357 NM	SR-867	358 NM	IR-805	363 NM	IR-719	366 NM	VR-1722	366 NM
SR-707	367 NM	SR-714	367 NM	SR-713	367 NM	SR-708	367 NM	SR-710	367 NM	SR-711	367 NM
IR-761	371 NM	VR-1751	371 NM	SR-709	373 NM	SR-715	373 NM	SR-712	373 NM	SR-781	377 NM
IR-762	380 NM	VR-1756	380 NM	IR-608	382 NM	SR-737	382 NM	SR-738	383 NM	IR-723	389 NM
VR-664	392 NM	SR-733	397 NM	IR-715	399 NM	IR-718	399 NM	VR-1626	400 NM	VR-1633	400 NM
VR-1632	400 NM										
SR-732	401 NM	SR-735	401 NM	SR-734	402 NM	VR-1617	402 NM	VR-1631	402 NM	VR-1638	402 NM
VR-1061	405 NM	SR-871	406 NM	SR-872	406 NM	SR-874	406 NM	SR-873	406 NM	VR-1644	408 NM
VR-1645	408 NM	VR-1647	408 NM	IR-721	413 NM	VR-073	420 NM	VR-1752	421 NM	VR-1721	427 NM
VR-096	428 NM	VR-1639	442 NM	VR-634	456 NM	IR-726	458 NM	VR-1726	458 NM	IR-743	464 NM
VR-1743	464 NM	VR-1057	469 NM	VR-1636	469 NM	IR-062	473 NM	VR-093	479 NM	VR-085	483 NM
VR-086	483 NM	VR-1058	486 NM	VR-1640	488 NM	VR-1043	508 NM	VR-1046	515 NM	IR-022	519 NM
VR-1668	519 NM	VR-1641	523 NM	VR-1642	523 NM	IR-082	534 NM	VR-1667	537 NM	IR-081	538 NM
IR-609	539 NM	IR-012	550 NM	VR-087	555 NM	VR-1060	557 NM	IR-035	575 NM	VR-1074	575 NM
VR-1069	575 NM	IR-079	576 NM	IR-080	576 NM	VR-1040	577 NM	IR-074	578 NM	IR-618	580 NM
VR-619	580 NM	VR-088	581 NM	VR-1648	583 NM	IR-075	589 NM	VR-1666	590 NM	VR-097	598 NM
SR-771	599 NM	SR-774	599 NM								
VR-1679	603 NM	SR-105	604 NM	IR-002	606 NM	VR-095	606 NM	VR-1055	610 NM	VR-058	612 NM
SR-773	622 NM	IR-090	624 NM	VR-1059	625 NM	VR-1013	627 NM	IR-083	632 NM	IR-036	636 NM
IR-042	639 NM	VR-1068	639 NM	VR-1629	645 NM	SR-785	647 NM	SR-102	648 NM	SR-166	649 NM
IR-614	651 NM	VR-1635	651 NM	SR-776	664 NM	VR-615	667 NM	VR-1650	674 NM	SR-059	679 NM
SR-060	679 NM	SR-062	679 NM	SR-061	679 NM	SR-225	682 NM	VR-607	689 NM	VR-1052	690 NM
VR-1041	692 NM	VR-1049	693 NM	VR-092	694 NM	VR-604	695 NM	IR-089	703 NM	SR-035	706 NM
SR-036	706 NM	SR-037	706 NM	SR-040	706 NM	IR-023	718 NM	IR-018	722 NM	VR-1003	734 NM
IR-157	736 NM	IR-174	736 NM	IR-606	741 NM	VR-1011	747 NM	SR-727	755 NM	IR-069	759 NM
IR-077	769 NM	IR-592	770 NM	IR-078	771 NM	VR-1001	772 NM	IR-066	774 NM	IR-067	774 NM
VR-1051	774 NM	VR-1050	774 NM	VR-1616	775 NM	SR-728	784 NM	SR-729	784 NM	VR-094	790 NM
IR-016	792 NM	SR-038	795 NM	VR-1004	795 NM	SR-730	797 NM	SR-731	797 NM	VR-1054	798 NM

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1028 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
6	13	24

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-609	39 NM	AR-206H	100 NM	AR-206L	100 NM	AR-204 NORTHEAST	163 NM
AR-212 NORTHEAST	163 NM	AR-631	165 NM				
AR-218H	238 NM	AR-218L	256 NM	AR-217	276 NM	AR-616B	282 NM
AR-204 SOUTHWEST	298 NM	AR-212 SOUTHEAST	298 NM	AR-205	298 NM		
AR-612	322 NM	AR-616A	336 NM	AR-777	339 NM	AR-632A	347 NM
AR-608	353 NM	AR-636	395 NM	AR-632B	396 NM	AR-020 NORTHEAST	407 NM
AR-107	430 NM	AR-455 WEST	483 NM	AR-328	491 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1519	4005

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-206H	100 NM	50	AR-206L	100 NM	20	AR-204	163 NM	319	AR-212	163 NM	356
AR-218	238 NM	359	AR-205	298 NM	43	AR-455	483 NM	372			0
AR-203	534 NM	223	AR-109	546 NM	213	AR-216	583 NM	64	Raccoon	659 NM	1829

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 659NM from the base."

I.2.C.10d Percentage of tanker demand in region: 0.2

Percentage of tankers based in region: 0.3

Tanker saturation within the region has been classified as tanker Rich

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	229 NM	E✓		E✓	0	1
ANDREWS	274 NM				0	1
CHUTE (CIR)	56 NM	E✓		E✓	0	1
JERSEY DEVIL	197 NM	E✓		E✓	0	5
MCLEAN	177 NM	E✓		E✓	0	0
MEACHAM LAKE	93 NM				0	0
MOUNTAIN	58 NM	E✓		E✓	1	0
PANTHER	56 NM	E✓		E✓	1	0
PUDGY	197 NM	E✓		E✓	0	5

1995 AIR FORCE BASE QUESTIONNAIRE

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base does Not uses ranges on a regular basis

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

E. Airspace Used by Base

- I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.
- I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Fulton Co	General Aviation
Oneida Co	Commercial
Oswego Co	General Aviation
Riverside Elisha Payne	General Aviation
Skaneateles Aerodrome	General Aviation
Syracuse Hancock Int'l	Commercial

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constraints or limits.

1995 AIR FORCE BASE QUESTIONNAIRE

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G. Composite / Integrated Force Training

I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:

WEST POINT MILITARY RES

51 NM from the base.

I.2.G.2 DELETED

I.2.G.3 Nearest Naval unit where joint training can be accomplished:

NAVY OCEANA

390 mi from the base.

I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:

FT DRUM, NY

60 mi from the base.

I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.4	98.5	87.9	75.0	71.4

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.0 percent of the time

I.2.J.2.b Is at or below 25 knots 99.8 percent of the time

I.2.J.3 98 Days have freezing participation (mean per year).

UNCLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

15-Feb-95

UNCLASSIFIED

1.11

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	AVA	REMOTE RESEARCH SITE	297	297	
II.1.A.2	FORESTPORT	REMOTE RESEARCH SITE	184	184	
II.1.A.3	NEWPORT 1	REMOTE RESEARCH SITE	37	37	
II.1.A.4	NEWPORT 2	REMOTE RESEARCH SITE	41	41	
II.1.A.5	QUAKER HILL	LEASED THEODOLITE ST	7	7	
II.1.A.6	ROME LAB	RETAINED ON GRIFFISS	70	70	
II.1.A.7	STOCKBRIDGE	REMOTE RESEARCH SITE	295	295	
II.1.A.8	TUMMONDS HILL	LEASED REM RESH SITE	2	2	
II.1.A.9	VERONA	REMOTE RESEARCH SITE	493	493	
II.1.A.10	VIENNA	LEASED THEODOLITE ST	3	3	
II.1.A.11	YOUNGSTOWN	REMOTE RESEARCH SITE	99	99	
		TOTALS:	1,528	1,528	

B. Facilities

II.1.B.1 From real property records:

Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122 Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131 Communications-Buildings	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.c	141 Operations-Buildings	SF	N/A	7,917	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232 Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753 Squadron Operations	SF	0	0		0.0	0.0	0
II.1.B.1.c.iii	141-782 Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784 Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785 Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171 Training Buildings	SF	N/A	10,197	100.0	0.0	0.0	N/A
II.1.B.1.d.i	171-211 Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

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II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0	0	0	0	0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0	0	0	0	0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0	0	0	0	0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	0	0	0	0	0	N/A
II.1.B.1.e.i	211-111	Maintenance Hangar	SF	0	0	0	0	0	0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	0	0	0	0	0	0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0	0	0	0	0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	0	0	0	0	0	0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	0	0	0	0	0	0	0
II.1.B.1.e.vi	211-157	Jet Engine Inspection and Maintenance	SF	0	0	0	0	0	0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0	0	0	0	0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hangar	SF	0	0	0	0	0	0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0	0	0	0	0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0	0	0	0	0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0	0	0	0	0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	0	0	0	0	0	0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0	0	0	0	0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0	0	0	0	0	0
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0	0	0	0	0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0	0	0	0	0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0	0	0	0	0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0	0	0	0	0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	88,272	100.0	0.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armanent Sho	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	0	0	0.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	0	0	0	0.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	C	0	0	0.0	0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	101,400	100.0	0.0	0.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	3,865	100.0	0.0	0.0	0.0	N/A

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15-Feb-95

11.13

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	497,957	100.0	0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	0	0		0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	3,085	3,085	100.0	0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	147,954	147,954	100.0	0.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	113,981	100.0	0.0	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	0		0.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	0	0		0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	0		0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

II.1.B.2 From in-house survey:

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

	Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	0			
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	0			
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	0			
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	77,501	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	13,204	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	21,127	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	0			
II.1.B.1.j	851	Roads	SY	145,258	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	24,104	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.e	812	Includes only remote research facilities not facilities on Griffiss AFB, ownership yet to be determined
II.1.B.1.g	832	Includes only remote sites
II.1.B.1.h	842	Includes only remote sites
II.1.B.1.j	851	Includes only remote sites
II.1.B.1.k	852	includes only remote sites

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was Not used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

- II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair: (includes projects programmed through FY95.4. Units meeting whole-house standards are those that were programmed after FY88)
- II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement: (Units meeting whole-house standards are those that were programmed/renovated after FY88).
- II.1.C.2.a Number of new housing units projected to meet current deficit.
- II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base
- II.1.C.3.a 0.0 percent of officer families live on base.
- II.1.C.3.b 0.0 percent of enlisted families live on base.
- II.1.C.3.a 0.0 percent of all military families live on base.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	2.25 MG/D	MG/D - million gallons per day	51 %
II.3.A.2 Sewage:	2.25 MG/D		36 %
II.3.A.3 Electrical distribution:	438.0 MW	MW - million watts	21 %
II.3.A.4 Natural Gas:	100.00 MCF/D	MCF/D - million cubic feet per day	5 %
II.3.A.5 High temperature water/steam generation/distribution:	360.0 MBTUH	MBTUH - million British thermal units per hour	20 %

II.3.B Characteristics regarding the utility system that should be considered:

The values listed represent the total capacities of the current Griffiss AFB utility systems (on site). It has yet to be determined who the responsibility of ownership will fall upon once GAFB is realigned. Remote sites usage is not included.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Ava Remote Research Site	12,306 SF	multi	High Frequency Over-the-Horizon Backscatter Research. High power, High Frequency and Very High Frequency transmitter and antenna systems. Propagation sounding systems. 297 Acres are associated with the site.
Forestport Remote Research Sit	16,264 SF	multi	High Power, Very Low Frequency/Low Frequency Communications Research. 184 Acres are associated with this site.
Newport Remote Research Site	19,036 SF	multi	Antenna and antenna systems research for on-aircraft evaluation. Available test be airframes are: F-4, F-111, A-10, F-15, F-16, F-22, RF-4, B-1B sections and AGM-86 cruise missile. 80 Acres are associated with this site.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Stockbridge Remote Research Si	14,510 SF	multi	Antenna system performance and ECM threat response on large airframes (B-52, KC-135, C-130, and B-1B) and to evaluate airborne reconnaissance and targeting sensors. 295 Acres are associated with this site.
Verona Remote Research Site	68,926 SF	multi	Multi use research facility for ground and air-borne experiments, evaluations and demonstrations of advanced communication techniques, radar system evaluations, ECM/ECCM techniques, data processing and software development. 513 Acres comprise site.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Railheads within 150 NM:

Kendaia	71 NM
Picatinny - Picatinny	142 NM
Plattsburg	122 NM
Rome	3 NM
Scranton	110 NM
Watertown - Calcium	109 NM
Watervliet	81 NM

- III.1.G.3 The base is over 150 NM from a port.
- III.1.H The base does Not have a dedicated passenger terminal.
- III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.
- III.1.J The base medical treatment facility does Not routinely receive referral patients.
- III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

- III.1.L The base medical facility performs No unique missions.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

- III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

- III.1.N Base facilities have No excess storage capacity.
- III.1.N.1 Base facilities have a total covered storage capacity of 147,954 sq ft.
- III.1.N.2 Breakout of the total covered storage capacity:
- | | |
|--|---------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 147,954 sq ft |
| Mobility storage: | 0 sq ft |
| War Readiness Support Kits (WRSK) storage: | 0 sq ft |
- III.1.O No light military vehicles are on base.
- III.1.P No heavy military and special vehicles are on base.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section IV

1. Base Budget

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 14,463.00 K

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section IV/V Level Playingfield COBRA Data

One time closure costs: 134\$sM

Twenty year Net Present Value 112\$sM

Steady state savings 1\$sM per year

Manpower savings associated with closure 5

Return on Investment (years): 100+

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section VI Economic Impact

Economic Area Statistics:

Utica - Rome, NY MSA

Total population: 318,000 (FY 92)

Total employment: 154,638 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

6.4% / 7.0% / 6.3%

Average annual job growth: 1,022

Average annual per capita income: \$16,870

Average annual increase in per capita income: \$5.1 %

Projected economic impact:

Direct Job Loss:	1,641	
Indirect Job Loss:	<u>1,633</u>	
Closure Impact:	3,274	(2.1% of employment total)
Other BRAC Losses:	<u>7,070</u>	
Cumulative Impact:	10,344	(6.7% of employment total)

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 15.0 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$728

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
VIP Transportation, Inc.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 12 miles
- VII.1.B.2 Airport name: Oneida County Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 1
- VII.1.B.4 Average round trip commuting time to work: 33 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
VII.1.C.1 Swimming pool	Tosti Park	2	Hrs.	10	Min.
VII.1.C.2 Movie theater	Capital Theater	3	Hrs.	15	Min.
VII.1.C.3 Public golf course	Sleepy Hollow	10	Hrs.	20	Min.
VII.1.C.4 Bowling lane	King Pin Lanes	1	Hrs.	01	Min.
VII.1.C.5 Boating	Lake Delta	10	Hrs.	15	Min.
VII.1.C.6 Fishing	Lake Delta	10	Hrs.	15	Min.
VII.1.C.7 Zoo	Utica Zoo	20	Hrs.	25	Min.
VII.1.C.8 Aquarium	Niagara Falls Aquarium	196	3 Hrs.	30	Min.
VII.1.C.9 Family theme park	Enchanted Forest	40	Hrs.	50	Min.
VII.1.C.10 Professional sports	Rome Free Academy Stadium	20	Hrs.	25	Min.
VII.1.C.11 Collegiate sports	State University of New York Utica	20	Hrs.	25	Min.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

VII.1.C.12	Camping facilities	Lake Delta	10		Hrs.	15	Min.
VII.1.C.13	Beaches (lake or ocean)	Lake Delta	10		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Woods Valley	12		Hrs.	20	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Riverside Mall 25 min (22 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Syracuse 45 min (35 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 244

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 3374

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 30 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 82.4 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Mohawk Valley Community College, Board of Cooperative Education Services

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Mohawk Valley Community College, State University of New York Institute of Technology at Utica/Rome, Utica College of Syracuse University

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Utica College of Syracuse University, State University of New York Institute of Technology at Utica/Rome, State University of NY, Cortland (classes held at SUNY Utica/Rome), Elmira College (classes held in Rome)

3. Spousal Employment

1995 AIR FORCE BASE QUESTIONNAIRE**Rome Lab - AFMC**

3. Spousal Employment

- VII.3.A** 86.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B** 78.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C** 6.4 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D** 0.9 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A** Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B** Current ratio of hospital beds in the community: 3.0 beds/1000 people.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: CENTRAL NEW YORK AIR QUALITY MANAGEMENT DISTRICT - REGION 6

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Moderate
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VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a The state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continious emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 The state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

1995 AIR FORCE BASE QUESTIONNAIRE
Rome Lab - AFMC

Municipal

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Organic solvents, metals, asbestos, PAH's pesticides, PCB's oil and grease, and fuels.

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 134 water wells exist at the base.

VIII.3.D 32 wells have been abandoned for the following reasons:
 unacceptable for sampling

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Base Pond	0.50 Acres
Diversion channel	
Six Mile Creek	
Three Mile Creek	

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

State Pollutant Discharge Elimination System Permit (SPDES) issued by New York State in compliance with the Clean Water Act as amended. Permit held at the 416 BW .

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Discharge from the coal pile leachate filtration unit at the base steam plant

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 70.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 63.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

8. Biological - Habitat

- VIII.8.A Ecological or wildlife management areas ON the base: There are No ecological or wildlife management areas ADJACENT TO the base.
- Mohawk Pond
- VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

- VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom			Remarks
Pycnanthemum verticillatum variety verticillatum - mountain mint	Plant	State	Listed	Threatened

- VIII.9.B There are No Special Concern species identified on the base.
- VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

- VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1 Identification and type of wetland: Approximate acreage:
- | | |
|------------------------------------|-----|
| New York State fresh water wetland | 285 |
|------------------------------------|-----|
- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1 Survey was completed in Sep 94
- VIII.10.B.2 100 percent of the base was included in the survey.

1995 AIR FORCE BASE QUESTIONNAIRE**Rome Lab - AFMC**

- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):
Corps of Engineers delineation manual
- VIII.10.C** Part of the base is located in a 100-year floodplain.
- VIII.10.D** The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

- VIII.11.A** There are No floodplains on the base.

12. Cultural

- VIII.12.A** No historic, prehistoric, archaeological sites or other cultural resources are located on the base.
- VIII.12.B** 1 percent of the buildings on base are over 50 years old.
- VIII.12.C** No Historic Landmark/Districts, or NRHP properties are located on base.
- VIII.12.C.1** No properties have been determined to be or may be eligible for the NRHP.
- VIII.12.C.2** Buildings and structures have not been surveyed for Cold War or other historical significance.
- VIII.12.D** The base has Not been archeologically surveyed.
- VIII.12.D.1** Not Applicable.
- VIII.12.D.2** No archeological sites have been found.
- VIII.12.D.3** No archeological collections are housed on base.
- VIII.12.D.4** No Native Americans or others use/identified sacred areas or burial sites on or near base.
- VIII.12.E** The base has no agreements with historic preservation agencies.
Agreements include Programmatic Agreements and Memorandum of Agreements.
Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

CLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE
Rome Lab - AFMC

15-Feb-95

UNCLASSIFIED

VIII.35

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 36 IRP sites have been identified

VIII.13.A.2 2 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2010

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
GRIFFISS AFB Cost : Air Compliance	\$157.500 K	\$165.500 K	\$2,374.000 K	\$75.000 K	\$75.000 K
GRIFFISS AFB COST: IRP	\$11,300.000 K	\$6,372.000 K	\$2,275.000 K	\$2,650.000 K	\$10,000.000 K
GRIFFISS AFB COST: PCB Management	\$403.000 K				
GRIFFISS AFB COST: UST Management	\$465.000 K				
GRIFFISS AFB COST: Wastewater Compliance	\$157.500 K	\$175.000 K			
GRIFFISS AFB Costs : Asbestos Abatement	\$135.000 K	\$25.000 K			
Hazardous Waste Disposal/Remediation	\$839.400 K	\$836.000 K			
Natural Resources					
Permits	\$35.000 K	\$35.000 K			

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

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VIII.13.A.2 2 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2010

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

VIII.13.D Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminant types and sources.

VIII.13.E Contaminant types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (sting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
GRIFFISS AFB Cost: Air Compliance	\$157,500 K	\$165,500 K	\$2,374,000 K	\$75,000 K	\$75,000 K
GRIFFISS AFB COST: IRP	\$11,300,000 K	\$6,372,000 K	\$2,275,000 K	\$2,650,000 K	\$10,000,000 K
GRIFFISS AFB COST: PCB Management	\$403,000 K				
GRIFFISS AFB COST: UST Management	\$465,000 K				
GRIFFISS AFB COST: Wastewater Compliance	\$157,500 K	\$175,000 K			
GRIFFISS AFB COSTS : Asbestos Abatement	\$135,000 K	\$25,000 K			
Hazardous Waste Disposal/Remediation	\$839,400 K	\$836,000 K			
Natural Resources					
Permits	\$35,000 K	\$35,000 K			

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:

Central New York portion of the Ozone Transport Region

VIII.16.B Air quality regulatory agency responsible for the AQCA: New York State Department of Environmental Conservation, Region 6

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

David Prosser

315-785-2513

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Non-Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 0.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Moderate

VIII.16.E.2 Central New York portion of the Ozone Transport Region

VIII.16.E.3 Multi-state ozone transport region for the base: Central New York

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.G. Specific ozone precursor (Volatile organic compounds(VOCs) and nitrogen oxides (NOx)) emissions for the base:

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

	based on the AQCA 1990 baseline Inventory.		AND	in the required attainment year	
	VOCs			VOCs	NOx
Mobile Source Including Aircraft	G.1.a	360	G.1.d	145	G.2.d
Military Aircraft Associated with the Base	G.1.b	330	G.1.e	76	G.2.e
Stationary Source	G.1.c	52	G.1.f	165	G.2.f

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

	VOCs	NOx
Mobile Source Including Aircraft	G.3.a	G.3.c
Stationary Source	G.3.b	G.3.d

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	G.4.c
Stationary Source	G.4.b	G.4.d

Computed allowable growth	VOCs	NOx
Mobile Source Including Aircraft	G.5.a Missing data	G.5.c Missing data
Stationary Source	G.5.b Missing data	G.5.d Missing data
TOTAL	G.5.e Missing data	G.5.f Missing data

1995 AIR FORCE BASE QUESTIONNAIRE

Rome Lab - AFMC

Section IX

