DCN 5236

16 July 2005

# Inquiry Response

**Re:** BI-0111, CT-0457, Request for COBRA Runs, Moody-Seymour

**Requester:** Mr. Ken Small, Air Force Lead Analyst, BRAC Commission

**Question:** Request the Air Force develop the following scenarios and, upon concurrence of the commission analyst, run COBRA runs for each. The Air Force should contact this office directly to review the scenario prior to running the COBRA, so that we all understand the assumptions and data used in the scenario. Neither scenario should impact existing official recommendations. I am the COBRA POC for this request and David Combs is the scenario analyst.

> Scenario #1 - Close Seymour-Johnson AFB and transfer all activities to Cannon AFB, NM; transfer installation to the US Navy
>
> Scenario #2 - Close Moody AFB and transfer all activities to Cannon AFB, NM; transfer installation to the US Navy

**Answer:** Per discussions between the Air Force BRAC office and the BRAC Commission staff, the staff agrees for the Air Force to not run COBRA reports with Cannon AFB as the receiver location, but with receiver locations of the Air Force's choosing.

**Moody AFB**

Based on the Commission's request, the Air Force has analyzed costs associated with the closure/transfer of Moody AFB, relocating its CSAR assets and tenants, and redirecting incoming A-10 assets per the Department's recommendations to other receiver installations. The COBRA output is attached.

To run this COBRA output, the Air Force made and used the following assumptions:

- 12 PAA A-10 aircraft recommended to be realigned from Eielson and 36 PAA A-10 aircraft recommended to be realigned from Pope will be redirected to Holloman AFB, NM
- The tenant 820th Security Forces Group at Moody will relocate to Eglin AFB, FL
- From Moody, 2 PAA HC-130 and 2 PAA HH-60 aircraft, will be distributed to Davis-Monthan AFB, AZ
- Remaining 9 PAA HC-130 and 12 PAA HH-60 CSAR aircraft at Moody will be distributed to Patrick AFB, FL to maintain the balance of CSAR assets on both coasts
- The TF-34 engine CIRF recommended to be established at Moody will be redirected to Davis-Monthan AFB, AZ
- The movement of training aircraft as recommended by the Education and Training Joint Cross-Service Group would not be altered by this option
- Although this scenario would impact the Battlefield Airman campus planned for Moody and planned mission synergies, this redirection was not factored into the COBRA analysis

Based on these assumptions, here is an overview of the COBRA output for Moody:
- Total one-time cost to implement this option: **$179 million**
- Net of all costs and savings during the implementation period: **Savings of $221 million**
- Annual recurring savings after implementation: **$131 million**
- Payback period: **One year (2010)**
- Net present value of the savings over 20 years: **$1.48 billion**

**Seymour Johnson AFB**

Based on the Commission's request, the Air Force also analyzed costs associated with closure/ transfer of Seymour Johnson AFB, relocating its F-15E mission and redirecting assigned and incoming KC-135 assets per the Department's recommendations to other receiver installations. The COBRA output is attached.

To run this COBRA output, the Air Force made and used the following assumptions:
- Seymour Johnson's F-15Es (87 PAA) are distributed as follows: 39 PAA and FTU to Mountain Home AFB, ID; 48 PAA (2 ops squadrons) to Holloman AFB, NM
- The F-100 engine CIRF recommended to be established at Seymour Johnson will be redirected to Mountain Home AFB
- Seymour Johnson's KC-135s (AFR) will be distributed as follows: 4 PAA to Andrews (AD will associate with Andrews AFR unit [will have 12 PAA] against 4 PAA or 33.3%); 1 PAA to McConnell (transfer to AD unit); 3 PAA to BAI
- Scenario should include any AFR stand up and AD association costs at Robins. Current Robins AD tails will transfer to AFRC (12 PAA w/ AD association against 4 PAA or 33.3%)
- Other scenarios that would be affected:
  -- Robins will KEEP their 12 tankers and change from AD to AFR (will NOT transfer 9 to McConnell and 3 to BAI)
  -- Grand Forks will distribute 8 PAA KC-135 originally planned to S-J to McConnell

Based on these assumptions, here is an overview of the COBRA output for Seymour Johnson:
- Total one-time cost to implement this option: **$256 million**
- Net of all costs and savings during the implementation period: **Savings of $228 million**
- Annual recurring savings after implementation: **$178 million**
- Payback period: **One year (2010)**
- Net present value of the savings over 20 years: **$1.935 billion**

Per the Commission's request, we have not re-run the COBRA model for other Department recommendations that would be affected by these potential changes. To ensure the proper fidelity of costs and savings, the Air Force would need to fully re-run all impacted recommendations if the Commission chooses to ask us to do so.

Approved

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