#### PE NUMBER: 0207446F PE TITLE: Bomber Tactical Data Link

|                        | Exhibit R-2, RDT&E Budget Item Justification   |         |          |          |          |          |          |          |          |       |
|------------------------|--|---------|----------|----------|----------|----------|----------|----------|----------|-------|
|                        | BUDGET ACTIVITY PE NUMBER AND TITLE 07 Operational System Development 0207446F Bomber Tactical Data Link |         |          |          |          |          |          |          |          |       |
|                        | Cost (\$ in Millions)  | FY 2003 | FY 2004  | FY 2005  | FY 2006  | FY 2007  | FY 2008  | FY 2009  | Cost to  | Total |
| Cost (\$ III Willions) |  | Actual  | Estimate | Estimate | Estimate | Estimate | Estimate | Estimate | Complete |       |
|                        | Total Program Element (PE) Cost  | 0.000   | 12.849   | 120.256  | 166.082  | 88.827   | 0.000    | 0.000    | 0.000    | 0.000 |
| 5041                   | Bomber Tactical Data Link  | 0.000   | 12.849   | 120.256  | 166.082  | 88.827   | 0.000    | 0.000    | 0.000    | 0.000 |

On 17 April 2001, the Chief of Staff of the Air Force (CSAF) approved the management of Tactical Data Links (TDL) as a Major System Acquisition Program. In order to effectively manage the program, the Tactical Data Links System Program Office (SPO) was stood up at Electronic Systems Center (ESC), Hanscom AFB, MA on 29 May 2001. Four new program elements were created in FY03 to consolidate the platform integration funding. This includes PE 0207445F, Fighter Tactical Data Link; PE 0207446F, Bomber Tactical Data Link; PE 0207448F, Command, Control, Intelligence, Surveillance, and Reconnaissance (C2ISR) Tactical Data Link; and PE 0401839F, Airlift/Other Tactical Data Link. Funding from platform PEs was transferred to the appropriate TDL platform PE.

#### (U) <u>A. Mission Description and Budget Item Justification</u>

Tactical Data Links (TDL) are used in a combat environment to exchange information such as messages, data, radar tracks, target information, platform status, imagery, and command assignments. TDLs provide interoperability, local and global connectivity, and situational awareness to the user when operating under rapidly changing operational conditions. TDLs are used by the Air Force, Army, Navy, and Marine Corps theater Command and Control (C2) elements, weapons platforms, and sensors. TDLs include, but are not limited to: Link-16, Link-11, Situational Awareness Data Link (SADL), and Variable Message Format (VMF).

This effort provides for common development, integration and interoperability of Tactical Data Link capability to all Air Force bomber platforms to include, but not limited to B1-B, B-2, and B-52 aircraft. Keeps all bomber platforms current and compatible with the USAF Global Strike Task Force (GSTF) concept through 2020. Adds Link 16 line-of-sight (LOS) and beyond line-of-sight (BLOS) datalink capabilities. Link 16 provides a jam-resistant, secure digital data transfer network capability with a standardized waveform and data format allowing LOS intra- and inter-flight communications. Link 16 will increase mission effectiveness, provide situational awareness, provide positive identification of aircraft in the network, correlate on- and off-board sensor data sharing, target, and threat information, and provide the datalink to accomplish time critical targeting and other mission update functions. The BLOS datalink capability works with Link 16 to extend the range of local Link 16 network to other areas/theaters. Link 16 efforts include incorporating MIL-STD-6016 additions and changes, and applicable Interface Change Proposals (ICPs), and interoperability certification testing with the Joint Interoperability Test Center (JITC). Continues to support future development, integration, and verification of Operational Flight Programs (OFP) upgrades due to TDL integration and supports data gathering processes for future network centric assessments for all bomber platforms.

Bomber Tactical Data Link program is in Budget Activity 7, Operational System Development, since it supports integration of tactical data links into operational systems.

R-1 Shopping List - Item No. 149-2 of 149-8

|     | Exhibit R-2, RDT&E Bu                             | DATE<br>Febru   | DATE<br>February 2004 |                |  |
|-----|---|---|-----------------------|----------------|--|
| -   | GET ACTIVITY<br>Operational System Development    | PE NUMBER AND TITLE<br>0207446F Bomber Tactical Data Link |                       |                |  |
| (U) | <b>B. Program Change Summary (\$ in Millions)</b> |   |                       |                |  |
|     |   | <u>FY 2003</u>  | <u>FY 2004</u>        | <u>FY 2005</u> |  |
| (U) | Previous President's Budget                       | 0.000   | 12.959                | 120.571        |  |
| (U) | Current PBR/President's Budget                    | 0.000   | 12.849                | 120.256        |  |
| (U) | Total Adjustments                                 | 0.000   | -0.110                |                |  |
| (U) | Congressional Program Reductions                  |   |                       |                |  |
|     | Congressional Rescissions                         |   | -0.110                |                |  |
|     | Congressional Increases                           |   |                       |                |  |
|     | Reprogrammings                                    |   |                       |                |  |
|     | SBIR/STTR Transfer                                |   |                       |                |  |
| (U) | Significant Program Changes:                      |   |                       |                |  |
|     | Not Applicable                                    |   |                       |                |  |
|     |   |   |                       |                |  |

R-1 Shopping List - Item No. 149-3 of 149-8

|      | ExI  | DATE              | February  | 2004                |                     |                     |                     |  |                     |       |
|------|--|-------------------|---|---------------------|---------------------|---------------------|---------------------|--|---------------------|-------|
|      | T ACTIVITY<br>erational System Development |                   | PE NUMBER AND TITLE PROJECT<br>0207446F Bomber Tactical Data Link 5041 Bo |                     |                     |                     |                     | CT NUMBER AND TITLE<br>Bomber Tactical Data Link |                     |       |
|      | Cost (\$ in Millions)                      | FY 2003<br>Actual | FY 2004<br>Estimate   | FY 2005<br>Estimate | FY 2006<br>Estimate | FY 2007<br>Estimate | FY 2008<br>Estimate | FY 2009<br>Estimate                              | Cost to<br>Complete | Total |
| 5041 | Bomber Tactical Data Link                  | 0.000             | 12.849  | 120.256             | 166.082             | 88.827              | 0.000               | 0.000  | 0.000               | 0.000 |
|      | Quantity of RDT&E Articles                 | 0                 | 0   | 0                   | 0                   | 0                   | 0                   | 0  |                     |       |

#### (U) A. Mission Description and Budget Item Justification

Tactical Data Links (TDL) are used in a combat environment to exchange information such as messages, data, radar tracks, target information, platform status, imagery, and command assignments. TDLs provide interoperability, local and global connectivity, and situational awareness to the user when operating under rapidly changing operational conditions. TDLs are used by the Air Force, Army, Navy, and Marine Corps theater Command and Control (C2) elements, weapons platforms, and sensors. TDLs include, but are not limited to: Link-16, Link-11, Situational Awareness Data Link (SADL), and Variable Message Format (VMF).

This effort provides for common development, integration and interoperability of Tactical Data Link capability to all Air Force bomber platforms to include, but not limited to B1-B, B-2, and B-52 aircraft. Keeps all bomber platforms current and compatible with the USAF Global Strike Task Force (GSTF) concept through 2020. Adds Link 16 line-of-sight (LOS) and beyond line-of-sight (BLOS) datalink capabilities. Link 16 provides a jam-resistant, secure digital data transfer network capability with a standardized waveform and data format allowing LOS intra- and inter-flight communications. Link 16 will increase mission effectiveness, provide situational awareness, provide positive identification of aircraft in the network, correlate on- and off-board sensor data sharing, target, and threat information, and provide the datalink to accomplish time critical targeting and other mission update functions. The BLOS datalink capability works with Link 16 to extend the range of local Link 16 network to other areas/theaters. Link 16 efforts include incorporating MIL-STD-6016 additions and changes, and applicable Interface Change Proposals (ICPs), and interoperability certification testing with the Joint Interoperability Test Center (JITC). Continues to support future development, integration, and verification of Operational Flight Programs (OFP) upgrades due to TDL integration and supports data gathering processes for future network centric assessments for all bomber platforms.

Bomber Tactical Data Link program is in Budget Activity 7, Operational System Development, since it supports integration of tactical data links into operational systems.

| (U) | B. Accomplishments/Planned Program (\$ in Millions)                                   | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> |
|-----|---|----------------|----------------|----------------|
| (U) | Accomplishments/Planned Program   | 0.000          | 0.000          | 0.000          |
| (U) | No Activity   | 0.000          |                |                |
| (U) | Contract for LOS Link 16 terminals and BLOS radios for development labs and aircraft. |                | 1.800          | 3.066          |
| (U) | Provide Link 16 system engineering, testing, and technical support                    |                | 0.500          | 12.230         |
| (U) | Develop and integrate of LOS and BLOS datalink capability                             |                | 10.549         | 104.960        |
| (U) | Total Cost  | 0.000          | 12.849         | 120.256        |
|     |   |                |                |                |

R-1 Shopping List - Item No. 149-4 of 149-8

| Exhibit R-2a, RDT&E Project Justification February 2   |                             |  |   |   |  |  |   |   |   |   |
|--|-----------------------------|--|---|---|--|--|---|---|---|---|
| UDGET ACTIVITY       PE NUMBER AND TITLE       PROJECT NUMBER AND TITLE         7 Operational System Development       0207446F Bomber Tactical Data Link       5041 Bomber Tactical Data Link |                             |  |   |   |  |  |   |   |   |   |
| (U) <u>C. Other Program Funding Summary (\$ in Millions)</u>   |                             |  |   |   |  |  |   |   |   |   |
|  | <u>FY 2003</u>              | FY 2004  | <u>FY 2005</u>  | <u>FY 2006</u>  | <u>FY 2007</u>   | <u>FY 2008</u>   | FY 2009   | Cost to   | Total Cost  |   |
|  | <u>Actual</u>               | Estimate   | Estimate  | <u>Estimate</u>   | <u>Estimate</u>  | <u>Estimate</u>  | <b>Estimate</b>   | <u>Complete</u>   | <u>Total Cost</u>   |   |
| AF RDT&E   |                             |  |   |   |  |  |   |   |   |   |
| 0207434F (Link 16 Sup & Sus)   | 50.535                      | 70.481   | 141.012   | 218.743   | 228.009  | 161.909  | 153.606   |   |   |   |
| 0207445F (Fighter TDL)   | 28.955                      | 42.318   | 50.976  | 67.805  | 27.437   | 55.473   | 41.179  |   |   |   |
| 0207448F (C2ISR TDL)   | 0.000                       | 26.503   | 25.441  | 7.234   | 0.743  | 0.000  | 0.000   |   |   |   |
| 0401839F (Airlift TDL)   | 0.000                       | 0.000  | 0.000   | 0.000   | 31.466   | 0.000  | 0.000   |   |   |   |
| 0604754F (TDL Integration)   | 0.000                       | 14.550   | 0.000   | 0.000   | 0.000  | 0.000  | 0.000   |   |   |   |
| Other APPN   |                             |  |   |   |  |  |   |   |   |   |
| Procurement (3010)   |                             |  |   |   |  |  |   |   |   |   |
| 0207434F (Link 16 Sup & Sus)   | 36.013                      | 0.040  | 6.555   | 2.980   | 2.683  | 0.000  | 9.486   |   |   |   |
| 0207445F (Fighter TDL)   | 0.000                       | 29.300   | 97.417  | 122.079   | 94.050   | 44.218   | 32.598  |   |   |   |
| )207446F (Bomber TDL)  | 0.000                       | 0.000  | 44.929  | 21.827  | 33.149   | 30.586   | 28.219  |   |   |   |
| 0207448F (C2ISR TDL)   | 0.000                       | 0.000  | 0.000   | 0.000   | 0.000  | 0.000  | 0.000   |   |   |   |
| 0401839F (Airlift TDL)   | 0.000                       | 0.000  | 28.087  | 42.270  | 52.767   | 29.583   | 24.765  |   |   |   |
| D&M (3400)   |                             |  |   |   |  |  |   |   |   |   |
| 0207434F (Link 16 Sup & Sus)   | 13.357                      | 12.873   | 12.613  | 13.916  | 14.056   | 14.606   | 15.131  |   |   |   |
| -  |                             |  | 2.230   | 2.972   | 5.964  | 12.067   | 16.853  |   |   |   |
| Other Procurement (3080)   |                             |  |   |   |  |  |   |   |   |   |
|  | 0.000                       | 0.000  | 25.805  | 28.433  | 25.668   | 7.423  | 6.435   |   |   |   |
|  | perational System Developme | Derational System Development           C. Other Program Funding Summary (\$ in Millio $FY 2003$ $Actual$ AF RDT&E         0207434F (Link 16 Sup & Sus)         50.535           0207445F (Fighter TDL)         28.955           0207448F (C2ISR TDL)         0.000           0401839F (Airlift TDL)         0.000           0401839F (Airlift TDL)         0.000           0404754F (TDL Integration)         0.000           0404754F (Eighter TDL)         0.000           0207434F (Link 16 Sup & Sus)         36.013           0207445F (Fighter TDL)         0.000           0207445F (Fighter TDL)         0.000           0207445F (Fighter TDL)         0.000           0207446F (Bomber TDL)         0.000           0207446F (Bomber TDL)         0.000           0207448F (C2ISR TDL)         0.000           0207448F (C2ISR TDL)         0.000           0207448F (C2ISR TDL)         0.000           0207448F (C2ISR TDL)         0.000           0207448F (Link 16 Sup & Sus)         13.357           0401839F (Airlift TDL)         0.000           0207434F (Link 16 Sup & Sus)         13.357           0401839F (Airlift 3400)         0           0207434F (Li | Derational System DevelopmentC. Other Program Funding Summary (\$ in Millions) $FY 2003 FY 2004Actual EstimateAF RDT&E0207434F (Link 16 Sup & Sus)50.53570.4810207445F (Fighter TDL)28.95542.3180207448F (C2ISR TDL)0.00026.5030401839F (Airlift TDL)0.0000.0000604754F (TDL Integration)0.00014.5500ther APPNProcurement (3010)29.3000207445F (Fighter TDL)0.00029.3000207445F (Fighter TDL)0.00029.3000207445F (Fighter TDL)0.0000.0000207445F (Fighter TDL)0.0000.0000207445F (Link 16 Sup & Sus)36.0130.0400207445F (Link 16 Sup & Sus)13.35712.8730401839F (Airlift TDL)0.0000.0000207434F (Link 16 Sup & Sus)13.35712.8730401839F (Airlift 3400)Uther Procurement (3080)Uther Procurement (3080)$ | Derational System DevelopmentC. Other Program Funding Summary (\$ in Millions) $FY 2003$ $FY 2004$ $FY 2005$ $Actual$ $Estimate$ $Estimate$ AF RDT&E0207434F (Link 16 Sup & Sus) $50.535$ $70.481$ $141.012$ $207443F$ (Fighter TDL) $28.955$ $42.318$ $50.976$ $207448F$ (C2ISR TDL) $0.000$ $26.503$ $25.441$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $0.000$ $20743F$ (TDL Integration) $0.000$ $14.550$ $0.000$ $207434F$ (Link 16 Sup & Sus) $36.013$ $0.040$ $6.555$ $207445F$ (Fighter TDL) $0.000$ $29.300$ $97.417$ $207445F$ (Fighter TDL) $0.000$ $0.000$ $44.929$ $207444F$ (C2ISR TDL) $0.000$ $0.000$ $44.929$ $207444F$ (C2ISR TDL) $0.000$ $0.000$ $28.087$ $207444F$ (C2ISR TDL) $0.000$ $0.000$ $28.087$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $207434F$ (Link 16 Sup & Sus) $13.357$ $12.873$ | Derational System Development0207446F BC. Other Program Funding Summary (\$ in Millions)FY 2003<br>ActualFY 2004<br>EstimateFY 2005<br>FY 2006<br>ActualFY 2004<br>ActualFY 2005<br>EstimateFY 2006<br>EstimateAF RDT&E0207434F (Link 16 Sup & Sus) $50.535$ $70.481$ $141.012$ $218.743$ 0207445F (Fighter TDL) $28.955$ $42.318$ $50.976$ $67.805$ 0207448F (C2ISR TDL) $0.000$ $26.503$ $25.441$ $7.234$ 0401839F (Airlift TDL) $0.000$ $0.000$ $0.000$ $0.000$ 0604754F (TDL Integration) $0.000$ $14.550$ $0.000$ $0.000$ 07445F (Fighter TDL) $0.000$ $29.300$ $97.417$ $122.079$ 0207446F (Bomber TDL) $0.000$ $0.000$ $0.000$ $0.000$ 0401839F (Airlift TDL) $0.000$ $0.000$ $0.000$ $0.000$ 0401839F (Airlift TDL) $0.000$ $0.000$ $28.087$ $42.270$ 0207434F (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $13.916$ 0401839F (Airlift 3400) $2.230$ $2.972$ $2.972$ 0ther Procurement (3080) $30.000$ $30.000$ $30.020$ | 0207446F Bomber TacticaC. Other Program Funding Summary (\$ in Millions) $FY 2003$ $FY 2004$ $FY 2005$ $FY 2006$ $FY 2007$ ActualEstimateEstimateEstimateEstimateAF RDT&E0207434F (Link 16 Sup & Sus) $50.535$ $70.481$ $141.012$ $218.743$ $228.009$ $207445F$ (Fighter TDL) $28.955$ $42.318$ $50.976$ $67.805$ $27.437$ $207448F$ (C2ISR TDL) $0.000$ $26.503$ $25.441$ $7.234$ $0.743$ $207448F$ (TDL Integration) $0.000$ $14.550$ $0.000$ $0.000$ $0.000$ $207434F$ (Link 16 Sup & Sus) $36.013$ $0.040$ $6.555$ $2.980$ $2.683$ $207445F$ (Fighter TDL) $0.000$ $29.300$ $97.417$ $122.079$ $94.050$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $44.929$ $21.827$ $33.149$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $20.000$ $20.000$ $20.000$ $20.000$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $28.087$ $42.270$ $52.767$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $2.807$ $42.270$ $52.767$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $2.807$ $42.270$ $52.767$ $207448F$ (C2ISR TDL) $0.000$ $0.000$ $2.230$ $2.972$ $5.964$ $207448F$ (Link 16 Sup & Sus) $13.357$ $12.873$ $12.613$ $13.916$ $14.056$ $207434F$ (Link 16 Sup & Sus) $13.357$ <t< td=""><td>0207446F Bomber Tactical Data Link0207446F Bomber Tactical Data LinkC. Other Program Funding Summary (\$ in Millions)FY 2003FY 2004FY 2005FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008ActualEstimateEstimateEstimateEstimateAF RDT&amp;E2007445F (Fighter TDL)28.95542.31850.97667.80527.43755.4730.0000.0000.0000.0000.0002.6830.0000.0000.0000.0000.0002.9802.6830.0000.0000.0002.9802.6830.0000.0002.9802.6830.0000.0002.9802.6830.0000.000<td cols<="" td=""><td>Sperational System Development         0207446F Bomber Tactical Data Link         5041 Bomber           C. Other Program Funding Summary (\$ in Millions         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009           Actual         Estimate         Estima</td><td>Operational System Development         Operational System Development         Solution Colspan="4"&gt;Solution Colspan="4"Solution Colspan="4"&gt;Solution Colspan="4" Solution Colspan="4"&gt;So</td></td></td></t<> | 0207446F Bomber Tactical Data Link0207446F Bomber Tactical Data LinkC. Other Program Funding Summary (\$ in Millions)FY 2003FY 2004FY 2005FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008FY 2003FY 2004FY 2006FY 2007FY 2008ActualEstimateEstimateEstimateEstimateAF RDT&E2007445F (Fighter TDL)28.95542.31850.97667.80527.43755.4730.0000.0000.0000.0000.0002.6830.0000.0000.0000.0000.0002.9802.6830.0000.0000.0002.9802.6830.0000.0002.9802.6830.0000.0002.9802.6830.0000.000 <td cols<="" td=""><td>Sperational System Development         0207446F Bomber Tactical Data Link         5041 Bomber           C. Other Program Funding Summary (\$ in Millions         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009           Actual         Estimate         Estima</td><td>Operational System Development         Operational System Development         Solution Colspan="4"&gt;Solution Colspan="4"Solution Colspan="4"&gt;Solution Colspan="4" Solution Colspan="4"&gt;So</td></td> | <td>Sperational System Development         0207446F Bomber Tactical Data Link         5041 Bomber           C. Other Program Funding Summary (\$ in Millions         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009           Actual         Estimate         Estima</td> <td>Operational System Development         Operational System Development         Solution Colspan="4"&gt;Solution Colspan="4"Solution Colspan="4"&gt;Solution Colspan="4" Solution Colspan="4"&gt;So</td> | Sperational System Development         0207446F Bomber Tactical Data Link         5041 Bomber           C. Other Program Funding Summary (\$ in Millions         FY 2003         FY 2004         FY 2005         FY 2006         FY 2007         FY 2008         FY 2009           Actual         Estimate         Estima | Operational System Development         Operational System Development         Solution Colspan="4">Solution Colspan="4"Solution Colspan="4">Solution Colspan="4" Solution Colspan="4">So |

# (U) D. Acquisition Strategy

The Air Force Tactical Data Links System Program Office (SPO) provides for common development of integration and interoperability across all Air Force platforms and ensures that Link 16 is procured and maintained as a joint, end-to-end, command and control system.

|   | KIIIDIL K-3, RD                      | T&E Project Cost   |   |                                  |                             |   |                             |   |                             | Februa   | -                        | 4                             |
|---|--------------------------------------|--|---|----------------------------------|-----------------------------|---|-----------------------------|---|-----------------------------|--|--------------------------|-------------------------------|
| BUDGET ACTIVITY<br>07 Operational System Development  |                                      |  | PE NUMBE<br>0207446F                                      |                                  |                             | ical Dat                                | a Link                      |   |                             | BER AND TITI<br>r <b>Tactical [</b>                  |                          | k                             |
| <ul> <li>(U) <u>Cost Categories</u><br/>(Tailor to WBS, or System/Item<br/>Requirements)</li> <li>(\$ in Millions)</li> <li>(U) <u>Product Development</u></li> </ul> | Contract Method<br><u>&amp; Type</u> | Performing Activity & Location                                 | <u>Total</u><br>Prior to FY<br><u>2003</u><br><u>Cost</u> | <u>FY</u><br>2003<br><u>Cost</u> | FY<br>2003<br>Award<br>Date | <u>FY</u><br><u>2004</u><br><u>Cost</u> | FY<br>2004<br>Award<br>Date | <u>FY</u><br><u>2005</u><br><u>Cost</u> | FY<br>2005<br>Award<br>Date | <u>Cost to</u><br>Complete                           |                          | Target<br>Value of<br>Contrac |
| Link 16 Terminal EMD Terminal<br>Purchases<br>Bomber Development Contractors**<br>MITRE<br>Subtotal Product Development   | MIPR                                 | SPAWAR, San Diego<br>CA<br>ASC, WPAFB, OH<br>MITRE, Bedford MA | 0.000   | 0.000                            |                             |   | Mar-04<br>Dec-03            | 116.380                                 | Mar-05<br>Dec-04            | Continuing<br>Continuing<br>Continuing<br>Continuing | TBD<br>TBD<br>TBD<br>TBD | 0.000                         |
| Remarks: **MIPR funding to Bomber P<br>U) <u>Management</u>   | Platform System Pro                  | ogram Offices for sched  |   |                                  | and deve                    |   |                             |   |                             | 6  |                          |                               |
| Program Office and Contractor Support<br>Subtotal Management<br>Remarks:  | C/FFP                                | Various  | 0.000   | 0.000                            |                             | 0.610<br>0.610                          | Dec-03                      | 0.610<br>0.610                          | Dec-04                      | 0.000  | 1.220<br>1.220           | 0.000                         |
| (U) Total Cost  |                                      |  | 0.000   | 0.000                            |                             | 12.849                                  |                             | 120.256                                 |                             | Continuing   | TBD                      | 0.000                         |
|   |                                      |  |   |                                  |                             |   |                             |   |                             |  |                          |                               |
|   |                                      |  |   |                                  |                             |   |                             |   |                             |  |                          |                               |
|   |                                      |  |   |                                  |                             |   |                             |   |                             |  |                          |                               |
|   |                                      |  |   |                                  |                             |   |                             |   |                             |  |                          |                               |
|   |                                      |  |   |                                  |                             |   |                             |   |                             |  |                          |                               |
| Project 5041  |                                      | R-1 Shopping List -  | Item No. 149-6  | of 149-8                         |                             |   |                             |   |                             | Exhibit R-   | 3 (PE 020                | )7446F)                       |

| PUDGET ACTIVITY<br>O7 Operational System Development PROJECT NUMBER AND TITLE<br>2027446F Bomber Tactical Data Link PROJECT NUMBER AND TITLE<br>5041 Bomber Tactical Data Link BOMBER TACTICAL DATA LINK SCHEDULE SCHEDULE PROFILE FY03 FY04 FY05 FY06 FY07 FY08 FY09 FY09 FY09 FY09 FY09 FY09 FY09 FY09  |  | Ex   | hibit R-4, RDT8 | E Schedule Pro | ofile       |             | DATE<br>Fe  | bruary 2004 |
|---|--|--|-----------------|----------------|-------------|-------------|-------------|-------------|
| SCHEDULE PROFILE       FY03       FY04       FY05       FY06       FY07       FY08       FY09         B0MBBR FLATFORMS       10/20/30/40       10/20/30/4                           |  | evelopment   |                 |                |             |             |             |             |
| BOMBER FLATTORMS       1Q 2Q 3Q 4Q       1Q 2Q 3Q 4Q< |  | В  | BOMBER          |                |             | TA LINI     | K           |             |
| BOMBBR PLATFORMS       1Q       2Q       3Q       4Q       1Q       2Q       3Q<  | SCHEDULE PROFILE   | FY03   | FY04            | FY05           | FY06        | FY07        | FY08        | FY09        |
| Data Link   Contract Award   Development.   Test.   Integrated   Data Link:   Contract Award   Development.   Test.   |  | s and the second se | 10 20 30 40     | 10 20 30 40    | 10 20 30 40 | 10 20 30 40 | 10 20 30 40 | 10203040    |
|   | Data Link<br>Contract Award<br>Development<br>Test<br>Integration/Field<br>B-52 Integrated<br>Data Link<br>Contract Award<br>Development<br>Test |  |                 |                |             |             |             |             |

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| Exhibit R-4a, RDT&   | DATE<br>Febru   | DATE<br>February 2004                       |                |  |
|--|---|---|----------------|--|
| BUDGET ACTIVITY<br>D7 Operational System Development   | PE NUMBER AND TITLE<br>0207446F Bomber Tactical Data Link | PROJECT NUMBER AND T<br>5041 Bomber Tactica |                |  |
| <ul> <li>(U) <u>Schedule Profile</u></li> <li>(U) B-1 Fully Integrated Data Link Contract Award</li> </ul> | <u>FY 2003</u>  | <u>FY 2004</u><br>2Q                        | <u>FY 2005</u> |  |
| U) B-1 Fully Integrated Data Link Development  |   | 2-4Q  | 1-4Q           |  |
| U) B-52 Integrated Data Link Contract Award  |   |   | 2Q             |  |
| (U) B-52 Integrated Data Link Development  |   |   | 2-4Q           |  |
|  |   |   |                |  |
|  |   |   |                |  |
|  |   |   |                |  |