

UNCLASSIFIED

| RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit) | | | | | | | | DATE February 2002 | | |
|--|----------------------------------|-------------------|---------------------|---|---------------------|---------------------|---------------------------|------------------------------|---------------------|------------|
| BUDGET ACTIVITY 07 - Operational System Development | | | | PE NUMBER AND TITLE 0207136F Manned Destructive Suppression | | | | PROJECT 4595 | | |
| COST (\$ in Thousands) | | FY 2001 Actual | FY 2002 Estimate | FY 2003 Estimate | FY 2004 Estimate | FY 2005 Estimate | FY 2006 Estimate | FY 2007 Estimate | Cost to Complete | Total Cost |
| 4595 | F-16 HARM Targeting System (HTS) | 13,643 | 22,017 | 23,699 | 14,341 | 10,479 | 8,097 | 0 | 0 | 149,347 |
| | Quantity of RDT&E Articles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <p>(U) <u>A. Mission Description</u> The overall Manned Destructive Suppression (MDS) program funds the development, procurement, and sustainment of the Air Force's Suppression of Enemy Air Defenses (SEAD) and Destruction of Enemy Air Defenses (DEAD) capabilities. The F-16 HARM Targeting System (HTS) is the only currently programmed reactive SEAD capability and enables targeting the HARM missile in its' most lethal 'range known' mode. The program provides F-16 Block 50/52 aircraft with the ability to employ the AN/ASQ-213 pod. The RDT&E effort continues HTS preplanned product improvements (P3I) and applies technologies similar to those demonstrated in the Advanced Tactical Targeting Technologies (AT3) program. In FY00, the Revision 7 (R7) P3I entered development to address evolving threats and to provide a precision geolocation capability to employ Precision Guided Munitions (PGMs) for the DEAD mission. In FY01, R7 Program Definition and Risk Reduction (PDRR) was completed and the contract was awarded for System Development and Demonstration (SDD). The R7 SDD effort in FY02 includes preliminary design review, integration efforts for F-16 software, critical design review, and flight test planning. FY03 marks the start of R7 flight test activities. R7 RDT&E changes will also enable the F-16 to carry both an AN/ASQ-213 pod and an Advanced Targeting Pod (ATP). These improvements represent the Air Force's near-term solution (capability can be transferred to JSF, UCAV, or a yet defined system) for reactive time critical targeting for the DEAD mission. R7 will target the Joint Standoff Weapon (JSOW) and potentially target other PGMs to destroy fixed and mobile enemy air defense elements. R7 precision coordinates will be available to all Joint Forces via Link-16.</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$1,534 Complete R7 Geolocation Upgrade Program Definition study & Risk Reduction (PDRR)</p> <p>(U) \$11,123 Continue R7 Geolocation Upgrade Development (Includes R7/TGP Dual Carriage)</p> <p>(U) \$25 Initiate R7 Upgrade Test and Evaluation Support</p> <p>(U) \$961 Continue Mission Support</p> <p>(U) \$13,643 Total</p> | | | | | | | | | | |
| Project 4595 | | | Page 1 of 5 Pages | | | | Exhibit R-2 (PE 0207136F) | | | |

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|---|---|---------------------------|----------------|----------------|-------------------|
| BUDGET ACTIVITY | PE NUMBER AND TITLE | PROJECT | | | |
| 07 - Operational System Development | 0207136F Manned Destructive Suppression | 4595 | | | |
| (U) <u>A. Mission Description Continued</u> | | | | | |
| (U) <u>FY 2002 (\$ in Thousands)</u> | | | | | |
| (U) \$20,699 | Continue R7 Geolocation Upgrade Development | | | | |
| (U) \$100 | Continue R7 Upgrade Test and Evaluation Support | | | | |
| (U) \$1,218 | Continue Mission Support | | | | |
| (U) \$22,017 | Total | | | | |
| (U) <u>FY 2003 (\$ in Thousands)</u> | | | | | |
| (U) \$19,276 | Continue R7 Geolocation Upgrade Development | | | | |
| (U) \$3,100 | Continue R7 Upgrade Test and Evaluation Support | | | | |
| (U) \$1,323 | Continue Mission Support | | | | |
| (U) \$23,699 | Total | | | | |
| (U) <u>B. Budget Activity Justification</u> | | | | | |
| This PE is in Budget Activity 7 - Operational System Development because it supports preplanned product improvements and upgrade development of F-16 HTS, a fielded system. | | | | | |
| (U) <u>C. Program Change Summary (\$ in Thousands)</u> | | | | | |
| | | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>Total Cost</u> |
| (U) Previous President's Budget | | 14,535 | 22,239 | 23,947 | |
| (U) Appropriated Value | | 14,670 | 22,239 | | |
| (U) Adjustments to Appropriated Value | | | | | |
| a. Congressional/General Reductions | | -103 | -222 | | |
| b. Small Business Innovative Research | | -469 | | | |
| c. Omnibus or Other Above Threshold Reprogram | | -23 | | | |
| d. Below Threshold Reprogram | | -400 | | | |
| e. Rescissions | | -32 | | | |
| (U) Adjustments to Budget Years Since FY 2002 PBR | | | | -248 | |
| (U) Current Budget Submit/FY 2003 PBR | | 13,643 | 22,017 | 23,699 | 149,347 |
| Project 4595 | Page 2 of 5 Pages | Exhibit R-2 (PE 0207136F) | | | |

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|--|----------------|-----------------|-----------------|--|-----------------|-----------------|------------------------------|-------------------------------|-------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--------------|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|--|-----|--|--|--------|--------|--------|-------|------------|--|--|--------|--|--|--|--------|--|--|------------|--|--|----------------|--|--|--|----------------|--|--|--|----------------|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------------|--|---|--|--|--|--|--|--|--|--|--|--|---------------------------|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--|--|--|--|---|
| BUDGET ACTIVITY 07 - Operational System Development | | | | PE NUMBER AND TITLE 0207136F Manned Destructive Suppression | | | | PROJECT 4595 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(U) <u>C. Program Change Summary (\$ in Thousands) Continued</u></p> <p>(U) <u>Significant Program Changes:</u> Adjustments to FY 2002 and FY 2003 are for inflation and reductions in Advisory and Assistance Services (A&AS) funding requirements.</p> <p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;"></th> <th style="width:10%;"><u>FY 2001</u></th> <th style="width:10%;"><u>FY 2002</u></th> <th style="width:10%;"><u>FY 2003</u></th> <th style="width:10%;"><u>FY 2004</u></th> <th style="width:10%;"><u>FY 2005</u></th> <th style="width:10%;"><u>FY 2006</u></th> <th style="width:10%;"><u>FY 2007</u></th> <th style="width:10%;"><u>Cost to</u></th> <th style="width:10%;"><u>Total Cost</u></th> </tr> <tr> <td></td> <td style="text-align: center;"><u>Actual</u></td> <td style="text-align: center;"><u>Estimate</u></td> <td style="text-align: center;"><u>Complete</u></td> <td></td> </tr> </thead> <tbody> <tr> <td>(U) AF RDT&E</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Other APPN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) HTS Aircraft Procurement (BP11)AF PE 0207136F</td> <td style="text-align: right;">835</td> <td></td> <td></td> <td style="text-align: right;">10,343</td> <td style="text-align: right;">14,520</td> <td style="text-align: right;">16,502</td> <td style="text-align: right;">5,335</td> <td style="text-align: center;">Continuing</td> <td></td> </tr> <tr> <td>(U) HTS Aircraft Procurement (BP19)AF PE 0207136F</td> <td style="text-align: right;">13,993</td> <td></td> <td></td> <td></td> <td style="text-align: right;">19,853</td> <td></td> <td></td> <td style="text-align: center;">Continuing</td> <td></td> </tr> </tbody> </table> <p>(U) <u>E. Acquisition Strategy</u> The HTS program objective is to develop precision geolocation capability that significantly improves speed and accuracy of emitter targeting solutions on F-16 Block 50/52 aircraft. Precision geolocation capability will permit targeting of PGMs such as JSOW, in addition to the HARM missile, against mobile and fixed sites. The objective will be accomplished through study, risk reduction, and a System Development and Demonstration (SDD) effort leading to significant upgrades and increases in the F-16's and Joint Forces' reactive time critical targeting for Destruction of Enemy Air Defenses (DEAD) with JSOW.</p> <p>(U) <u>F. Schedule Profile</u></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;"></th> <th colspan="4" style="text-align: center;"><u>FY 2001</u></th> <th colspan="4" style="text-align: center;"><u>FY 2002</u></th> <th colspan="4" style="text-align: center;"><u>FY 2003</u></th> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </thead> <tbody> <tr> <td>(U) R6 Lot 4 Contract Award</td> <td></td> <td style="text-align: center;">*</td> <td></td> </tr> <tr> <td>(U) R7 SDD Contract Award</td> <td></td> <td style="text-align: center;">*</td> <td></td> </tr> <tr> <td>(U) R6 Fielding Completed in December 2001</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) R6 Lot 2 Pod Deliveries Complete (16 Pods)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) R6 Lot 3 Pod Deliveries Complete (13 Pods)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) R6 Lot 4 Pod Deliveries (31 Pods)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) R7 Test Program Begins</td> <td></td> <td style="text-align: center;">X</td> </tr> </tbody> </table> <p>* = Completed Event X = Planned Event</p> | | | | | | | | | | | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>Cost to</u> | <u>Total Cost</u> | | <u>Actual</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Complete</u> | | (U) AF RDT&E | | | | | | | | | | (U) Other APPN | | | | | | | | | | (U) HTS Aircraft Procurement (BP11)AF PE 0207136F | 835 | | | 10,343 | 14,520 | 16,502 | 5,335 | Continuing | | (U) HTS Aircraft Procurement (BP19)AF PE 0207136F | 13,993 | | | | 19,853 | | | Continuing | | | <u>FY 2001</u> | | | | <u>FY 2002</u> | | | | <u>FY 2003</u> | | | | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | (U) R6 Lot 4 Contract Award | | * | | | | | | | | | | | (U) R7 SDD Contract Award | | * | | | | | | | | | | | (U) R6 Fielding Completed in December 2001 | | | | | * | | | | | | | | (U) R6 Lot 2 Pod Deliveries Complete (16 Pods) | | | | | | | X | | | | | | (U) R6 Lot 3 Pod Deliveries Complete (13 Pods) | | | | | | | X | | | | | | (U) R6 Lot 4 Pod Deliveries (31 Pods) | | | | | | | | X | | | | | (U) R7 Test Program Begins | | | | | | | | | | | | X |
| | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> | <u>Cost to</u> | <u>Total Cost</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>Actual</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Estimate</u> | <u>Complete</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) AF RDT&E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) Other APPN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) HTS Aircraft Procurement (BP11)AF PE 0207136F | 835 | | | 10,343 | 14,520 | 16,502 | 5,335 | Continuing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) HTS Aircraft Procurement (BP19)AF PE 0207136F | 13,993 | | | | 19,853 | | | Continuing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <u>FY 2001</u> | | | | <u>FY 2002</u> | | | | <u>FY 2003</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R6 Lot 4 Contract Award | | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R7 SDD Contract Award | | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R6 Fielding Completed in December 2001 | | | | | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R6 Lot 2 Pod Deliveries Complete (16 Pods) | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R6 Lot 3 Pod Deliveries Complete (13 Pods) | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R6 Lot 4 Pod Deliveries (31 Pods) | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (U) R7 Test Program Begins | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project 4595 | | | | Page 3 of 5 Pages | | | | Exhibit R-2 (PE 0207136F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UNCLASSIFIED

| RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) | | | | | | | DATE February 2002 | | | |
|---|---|-------------------|-------------------|--|--------------------|----------------|-----------------------|----------------|------------------|----------------|
| BUDGET ACTIVITY | | | | PE NUMBER AND TITLE | | | PROJECT | | | |
| 07 - Operational System Development | | | | 0207136F Manned Destructive Suppression | | | 4595 | | | |
| (U) A. Project Cost Breakdown (\$ in Thousands) | | | | | | | | | | |
| | | | | | | <u>FY 2001</u> | | <u>FY 2002</u> | | <u>FY 2003</u> |
| (U) | R7 Program Definition study and Risk Reduction (PDRR) | | | | | 1,534 | | | | |
| (U) | R7 Geolocation Dev (Includes R7/TGP Dual Carriage) | | | | | 11,123 | | 20,699 | | 19,276 |
| (U) | Test & Evaluation Support | | | | | 25 | | 100 | | 3,100 |
| (U) | Mission Support | | | | | 961 | | 1,218 | | 1,323 |
| (U) | Total | | | | | 13,643 | | 22,017 | | 23,699 |
| (U) B. Budget Acquisition History and Planning Information (\$ in Thousands) | | | | | | | | | | |
| (U) Performing Organizations: | | | | | | | | | | |
| <u>Contractor or</u> | <u>Contract</u> | | | | | | | | | |
| <u>Government</u> | <u>Method/Type</u> | <u>Award or</u> | <u>Performing</u> | <u>Project</u> | | | | | | |
| <u>Performing</u> | <u>or Funding</u> | <u>Obligation</u> | <u>Activity</u> | <u>Office</u> | <u>Total Prior</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget to</u> | <u>Total</u> |
| <u>Activity</u> | <u>Vehicle</u> | <u>Date</u> | <u>EAC</u> | <u>EAC</u> | <u>to FY 2001</u> | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>Complete</u> | <u>Program</u> |
| <u>Product Development Organizations</u> | | | | | | | | | | |
| Raytheon Systems Co. | SS/Various | Various | 63,404 | 63,404 | 9,868 | 12,657 | 20,486 | 19,109 | 19,028 | 81,148 |
| Raytheon Systems Co. | SS/CPAF | Feb 96 | 31,331 | 31,331 | 31,331 | | | | | 31,331 |
| AFMSS | SS/CPIF | Various | 1,885 | 1,885 | 1,885 | | 213 | 167 | 552 | 2,817 |
| Lockheed/Ft Worth | SS/FFP | Various | 2,400 | 2,400 | 2,400 | | | | | 2,400 |
| <u>Support and Management Organizations</u> | | | | | | | | | | |
| Prog. Mgt. and Mission Support | Various | Various | | | 4,096 | 961 | 1,218 | 1,323 | 4,834 | 12,432 |
| <u>Test and Evaluation Organizations</u> | | | | | | | | | | |
| Eglin | PO | Various | | | 2,175 | | | | | 2,175 |
| Edwards | PO | Various | | | 4,394 | 25 | 100 | 3,100 | 8,503 | 16,122 |
| Light Defender | | Various | | | 922 | | | | | 922 |

UNCLASSIFIED

| RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3) | | | | | | | DATE February 2002 | | | |
|--|-------------------|--------------------|-----------------|--|--------------------|----------------|-----------------------|----------------|------------------|----------------|
| BUDGET ACTIVITY | | | | PE NUMBER AND TITLE | | | PROJECT | | | |
| 07 - Operational System Development | | | | 0207136F Manned Destructive Suppression | | | 4595 | | | |
| (U) Government Furnished Property: | | | | | | | | | | |
| <u>Item</u> | <u>Contract</u> | <u>Method/Type</u> | <u>Award or</u> | | <u>Total Prior</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget to</u> | <u>Total</u> |
| <u>Description</u> | <u>or Funding</u> | <u>Obligation</u> | <u>Delivery</u> | | <u>to FY 2001</u> | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>Complete</u> | <u>Program</u> |
| | <u>Vehicle</u> | <u>Date</u> | <u>Date</u> | | | | | | | |
| <u>Product Development Property</u> | | | | | | | | | | |
| Not Applicable | | | | | | | | | | |
| <u>Support and Management Property</u> | | | | | | | | | | |
| Not Applicable | | | | | | | | | | |
| <u>Test and Evaluation Property</u> | | | | | | | | | | |
| Not Applicable | | | | | | | | | | |
| | | | | | <u>Total Prior</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget</u> | <u>Budget to</u> | <u>Total</u> |
| <u>Subtotals</u> | | | | | <u>to FY 2001</u> | <u>FY 2001</u> | <u>FY 2002</u> | <u>FY 2003</u> | <u>Complete</u> | <u>Program</u> |
| Subtotal Product Development | | | | | 45,484 | 12,657 | 20,699 | 19,276 | 19,580 | 117,696 |
| Subtotal Support and Management | | | | | 4,096 | 961 | 1,218 | 1,323 | 4,834 | 12,432 |
| Subtotal Test and Evaluation | | | | | 7,491 | 25 | 100 | 3,100 | 8,503 | 19,219 |
| Total Project | | | | | 57,071 | 13,643 | 22,017 | 23,699 | 32,917 | 149,347 |