Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0804772F: TRAINING DEVELOPMENTS

BA 7: Operational Systems Development

| COST (\$ in Millions)       | FY 2010 | FY 2011 | FY 2012<br>Base | FY 2012<br>OCO | FY 2012<br>Total | FY 2013 | FY 2014 | FY 2015 | FY 2016 | Cost To<br>Complete | Total Cost |
|-----------------------------|---------|---------|-----------------|----------------|------------------|---------|---------|---------|---------|---------------------|------------|
| Total Program Element       | 1.707   | -       | -               | -              | -                | -       | -       | -       | -       | Continuing          | Continuing |
| 675311: Continuous Learning | 1.707   | -       | -               | -              | -                | -       | -       | -       | -       | Continuing          | Continuing |

## A. Mission Description and Budget Item Justification

Program develops specialized training, instructional systems development, and common use training centers. Additionally, develops training course materials, career ladder training, and Career Development Courses (CDC's) as well as tasks and training analysis, trainer development flights, and AF Occupational Measurement Squadron (AFOMS). Program further provides Continuous Learning (CL) and establishes formal systematic approach for insertion of new technologies into education training systems. CL develops, employs and utilizes advanced technologies such as Visualization, Virtual Environment, Artificial Intelligence and Speech Recognition for increase effective learning. Specifically, supports studies, contractor support, equipment, software, travel required for design, development and implementation of CL.

| B. Program Change Summary (\$ in Millions)            | FY 2010 | FY 2011 | FY 2012 Base | FY 2012 OCO | FY 2012 Total |
|---|---------|---------|--------------|-------------|---------------|
| Previous President's Budget                           | 1.769   | _       | -            | -           | -             |
| Current President's Budget                            | 1.707   | -       | -            | -           | -             |
| Total Adjustments                                     | -0.062  | -       | -            | -           | -             |
| <ul> <li>Congressional General Reductions</li> </ul>  |         | -       |              |             |               |
| <ul> <li>Congressional Directed Reductions</li> </ul> |         | _       |              |             |               |
| <ul> <li>Congressional Rescissions</li> </ul>         | -       | _       |              |             |               |
| <ul> <li>Congressional Adds</li> </ul>                |         | _       |              |             |               |
| <ul> <li>Congressional Directed Transfers</li> </ul>  |         | -       |              |             |               |
| Reprogrammings  | -       | -       |              |             |               |
| SBIR/STTR Transfer                                    | -0.062  | _       |              |             |               |
| Other Adjustments                                     | -       | -       | -            | -           | -             |

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| Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force  |         |         |                 |                                 |                  |                   | DATE: Feb | ATE: February 2011                     |         |                     |            |
|---|---------|---------|-----------------|---------------------------------|------------------|-------------------|-----------|--|---------|---------------------|------------|
| APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development |         |         |                 | <b>R-1 ITEM N</b><br>PE 0804772 |                  | TURE<br>IG DEVELO | PMENTS    | PROJECT<br>675311: Continuous Learning |         |                     |            |
| COST (\$ in Millions)   | FY 2010 | FY 2011 | FY 2012<br>Base | FY 2012<br>OCO                  | FY 2012<br>Total | FY 2013           | FY 2014   | FY 2015                                | FY 2016 | Cost To<br>Complete | Total Cost |
| 675311: Continuous Learning   | 1.707   | -       | -               | -                               | -                | _                 | -         | _                                      | _       | Continuing          | Continuing |
| Quantity of RDT&F Articles  | 0       | 0       | 0               | 0                               | 0                | 0                 | 0         | 0                                      | 0       |                     |            |

### A. Mission Description and Budget Item Justification

Program develops specialized training, instructional systems development, and common use training centers. Additionally, develops training course materials, career ladder training, and Career Development Courses (CDC's) as well as tasks and training analysis, trainer development flights, and AF Occupational Measurement Squadron (AFOMS). Program further provides Continuous Learning (CL) and establishes formal systematic approach for insertion of new technologies into education training systems. CL develops, employs and utilizes advanced technologies such as Visualization, Virtual Environment, Artificial Intelligence and Speech Recognition for increase effective learning. Specifically, supports studies, contractor support, equipment, software, travel required for design, development and implementation of CL.

| B. Accomplishments/Planned Programs (\$ in Millions)  |         |         | FY 2012 | FY 2012 | FY 2012 |
|---|---------|---------|---------|---------|---------|
|   | FY 2010 | FY 2011 | Base    | oco     | Total   |
| Title: Program Development  | 1.707   | -       | -       | -       | -       |
| <b>Description:</b> Development of specialized training, instructional systems development and common use training centers.       |         |         |         |         |         |
| FY 2010 Accomplishments:  Development of specialized training, instructional systems development and common use training centers. |         |         |         |         |         |
| FY 2011 Plans:  |         |         |         |         |         |
| FY 2012 Base Plans:   |         |         |         |         |         |
| FY 2012 OCO Plans:  |         |         |         |         |         |
| Accomplishments/Planned Programs Subtotals  | 1.707   | -       | -       | -       | -       |

# C. Other Program Funding Summary (\$ in Millions)

|                  |         |         | FY 2012     | FY 2012 | FY 2012      |         |         |         |         | Cost To    |                   |
|------------------|---------|---------|-------------|---------|--------------|---------|---------|---------|---------|------------|-------------------|
| <u>Line Item</u> | FY 2010 | FY 2011 | <b>Base</b> | OCO     | <u>Total</u> | FY 2013 | FY 2014 | FY 2015 | FY 2016 | Complete   | <b>Total Cost</b> |
| • N/A:           | 0.000   | 0.000   | 0.000       | 0.000   | 0.000        | 0.000   | 0.000   | 0.000   | 0.000   | Continuing | Continuing        |

# D. Acquisition Strategy

Not applicable

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| Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force                                       | <b>DATE</b> : February 2011                          |   |  |  |
|--|--|---|--|--|
| APPROPRIATION/BUDGET ACTIVITY  | R-1 ITEM NOMENCLATURE                                | PROJECT                                       |  |  |
| 3600: Research, Development, Test & Evaluation, Air Force<br>BA 7: Operational Systems Development | PE 0804772F: TRAINING DEVELOPMENTS                   | 675311: Continuous Learning                   |  |  |
|  |  |   |  |  |
| E. Performance Metrics Please refer to the Performance Base Budget Overview Book for               | information on how Air Force resources are applied a | and how those resources are contributing to   |  |  |
| Force performance goals and most importantly, how they contribute                                  |  | ind now those resources are contributing to i |  |  |
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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force DATE: February 2011 APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE PROJECT** 3600: Research, Development, Test & Evaluation, Air Force PE 0804772F: TRAINING DEVELOPMENTS 675311: Continuous Learning BA 7: Operational Systems Development FY 2012 FY 2012 FY 2012 **Product Development (\$ in Millions)** oco **FY 2011** Base Total **Total Prior** Contract Target Method Performing Years Award Award Award Cost To Value of Complete Cost Category Item **Activity & Location** Cost Date Cost Date Cost Date **Total Cost** Contract & Type Cost Cost Development of Specialized TBD:TBD, 1.519 Continuing TBD Various Continuing Skill Training Subtotal 1.519 FY 2012 FY 2012 FY 2012 Support (\$ in Millions) FY 2011 Base oco Total **Total Prior** Contract **Target** Method Performing Years Award Award Award Cost To Value of **Cost Category Item Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract & Type Support for Spiral 1 Activities SS/CPAF CACI:Chantilly, VA 0.188 Continuing Continuing **TBD** Subtotal 0.188 FY 2012 FY 2012 FY 2012 Test and Evaluation (\$ in Millions) **FY 2011** Base oco Total **Total Prior** Contract Target Value of Method Performing Years Award Award Award **Cost To** Cost Cost Cost Date **Total Cost** Contract Cost Category Item **Activity & Location** Cost Date Date Cost Complete & Type Subtotal 0.000 0.000 0.000 FY 2012 FY 2012 FY 2012 Management Services (\$ in Millions) FY 2011 Base oco Total Contract **Total Prior Target Cost To** Method Performing Years Award Award Award Value of **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract Program Management **TBD** TBD:TBD 0.000 0.000 0.000 Support Subtotal 0.000 0.000 0.000 **Total Prior Target** Years FY 2012 FY 2012 FY 2012 Cost To Value of FY 2011 oco Cost Base Total Complete **Total Cost** Contract **Project Cost Totals** 1.707 Remarks

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| Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force    | DATE: February 2011                |                             |
|---|------------------------------------|-----------------------------|
| APPROPRIATION/BUDGET ACTIVITY                             | R-1 ITEM NOMENCLATURE              | PROJECT                     |
| 3600: Research, Development, Test & Evaluation, Air Force | PE 0804772F: TRAINING DEVELOPMENTS | 675311: Continuous Learning |
| BA 7: Operational Systems Development                     |                                    |                             |
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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

BA 7: Operational Systems Development

DATE: February 2011

R-1 ITEM NOMENCLATURE
PE 0804772F: TRAINING DEVELOPMENTS
675311: Continuous Learning

## Schedule Details

|   | St      | art  | End     |      |  |
|---|---------|------|---------|------|--|
| Events                                    | Quarter | Year | Quarter | Year |  |
| Development of Specialized Skill Training | 1       | 2010 | 4       | 2010 |  |

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