Exhibit R-2, RDT&E Budget Item Justification: PB 2014 United States Special Operations Command

R-1 ITEM NOMENCLATURE

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 1105219BB: MQ-9 Unmanned Aerial Vehicle

DATE: April 2013

BA 7: Operational Systems Development

APPROPRIATION/BUDGET ACTIVITY

| COST (\$ in Millions)                 | All Prior<br>Years | FY 2012 | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Cost To<br>Complete | Total<br>Cost |
|---------------------------------------|--------------------|---------|----------------------|-----------------|-------------------|------------------|---------|---------|---------|---------|---------------------|---------------|
| Total Program Element                 | 5.167              | 2.434   | 3.002                | 1.314           | -                 | 1.314            | 3.062   | 4.203   | 3.989   | 4.072   | Continuing          | Continuing    |
| S851: MQ-9 Unmanned Aerial<br>Vehicle | 5.167              | 2.434   | 3.002                | 1.314           | -                 | 1.314            | 3.062   | 4.203   | 3.989   | 4.072   | Continuing          | Continuing    |

<sup>\*</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

### A. Mission Description and Budget Item Justification

This program element identifies, develops, integrates, and tests Special Operations Forces (SOF) - unique mission kits on the MQ-9 Unmanned Aerial Vehicle (UAV) as a component of the Medium Altitude Long Endurance Tactical program. USSOCOM is designated as the DoD lead for planning, synchronizing, and as directed, executing Overseas Contingency Operations against terrorist networks. USSOCOM requires the capability to find, fix, finish, exploit, and analyze time-sensitive high-value targets. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This program element addresses the primary areas of Intelligence, Surveillance, Reconnaissance, and Targeting (ISR&T).

| B. Program Change Summary (\$ in Millions)            | FY 2012 | FY 2013     | FY 2014 Base | FY 2014 OCO | FY 2014 Total |
|---|---------|-------------|--------------|-------------|---------------|
| ,   |         | <del></del> |              |             | <del></del>   |
| Previous President's Budget                           | 2.499   | 3.002       | 2.059        | -           | 2.059         |
| Current President's Budget                            | 2.434   | 3.002       | 1.314        | -           | 1.314         |
| Total Adjustments                                     | -0.065  | 0.000       | -0.745       | -           | -0.745        |
| <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                                    | -0.065  | -           |              |             |               |
| Other Adjustments                                     | -       | -           | -0.745       | -           | -0.745        |

#### **Change Summary Explanation**

Funding:

FY2012: Decrease is due to a transfer of funds to Small Business Innovation Research (-\$0.065 million).

FY2013: None.

PE 1105219BB: MQ-9 Unmanned Aerial Vehicle United States Special Operations Command

**UNCLASSIFIED** 

Page 1 of 7 R-1 Line #250

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

| chibit R-2, RDT&E Budget Item Justification: PB 2014 United States   | s Special Operations Command                                     | DATE: April 2013 |
|--|--|------------------|
| PPROPRIATION/BUDGET ACTIVITY 00: Research, Development, Test & Evaluation, Defense-Wide A 7: Operational Systems Development | R-1 ITEM NOMENCLATURE PE 1105219BB: MQ-9 Unmanned Aerial Vehicle |                  |
| FY2014: Decrease of \$0.745 million to support higher Departme   | ent priorities.  |                  |
| Schedule: None.  |  |                  |
| Technical: None.   |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |
|  |  |                  |

PE 1105219BB: *MQ-9 Unmanned Aerial Vehicle* United States Special Operations Command

| Exhibit R-2A, RDT&E Project J   | ustification       | : PB 2014 l  | Jnited State         | s Special C     | perations C       | Command                              |                            |          |                      | DATE: Apı | il 2013               |               |  |  |  |
|---|--------------------|--------------|----------------------|-----------------|-------------------|--------------------------------------|----------------------------|----------|----------------------|-----------|-----------------------|---------------|--|--|--|
| APPROPRIATION/BUDGET AC<br>0400: Research, Development, 7<br>BA 7: Operational Systems Deve | Test & Evalua      | ation, Defer | se-Wide              |                 |                   | <b>NOMENCL</b><br>19BB: <i>MQ-</i> 9 | <b>ATURE</b><br>O Unmanned | l Aerial | PROJECT<br>S851: MQ- |           | 9 Unmanned Aerial Vel |               |  |  |  |
| COST (\$ in Millions)   | All Prior<br>Years | FY 2012      | FY 2013 <sup>#</sup> | FY 2014<br>Base | FY 2014<br>OCO ## | FY 2014<br>Total                     | FY 2015                    | FY 2016  | FY 2017              | FY 2018   | Cost To<br>Complete   | Total<br>Cost |  |  |  |
| S851: MQ-9 Unmanned Aerial<br>Vehicle   | 5.167              | 2.434        | 3.002                | 1.314           | -                 | 1.314                                | 3.062                      | 4.203    | 3.989                | 4.072     | Continuing            | Continuing    |  |  |  |
| Quantity of RDT&E Articles  |                    |              |                      |                 |                   |                                      |                            |          |                      |           |                       |               |  |  |  |

<sup>\*</sup>FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

### A. Mission Description and Budget Item Justification

This project identifies, develops, integrates, and tests Special Operations Forces (SOF) - unique modifications on MQ-9 Unmanned Aerial Vehicle (UAV), intelligence payloads, and control systems. As the supported combatant command in Overseas Contingency Operations (OCO), USSOCOM requires the capability to find, fix, and finish time-sensitive high-value targets. These targets can often only be identified with patient collection of information and require rapid, decisive action during the short periods in which they present themselves. This project addresses the primary areas of ISR&T acquisition.

| B. Accomplishments/Planned Programs (\$ in Millions)   | FY 2012 | FY 2013 | FY 2014 |
|--|---------|---------|---------|
| Title: MQ-9 UAV  | 2.434   | 3.002   | 1.314   |
| FY 2012 Accomplishments:  Developed, tested, and integrated MQ-9 UAV payload and ground control station improvements.            |         |         |         |
| FY 2013 Plans: Develop, test, and integrate MQ-9 UAV payload and ground control station improvements for SOF unique payloads.    |         |         |         |
| FY 2014 Plans: Develops, tests, and integrates MQ-9 UAV payload and ground control station improvements for SOF unique payloads. |         |         |         |
| Accomplishments/Planned Programs Subtotals   | 2.434   | 3.002   | 1.314   |

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

|                               |         |         | FY 2014 | FY 2014 | FY 2014      |         |         |         |         | Cost To    |                   |
|-------------------------------|---------|---------|---------|---------|--------------|---------|---------|---------|---------|------------|-------------------|
| <u>Line Item</u>              | FY 2012 | FY 2013 | Base    | OCO     | <u>Total</u> | FY 2015 | FY 2016 | FY 2017 | FY 2018 | Complete   | <b>Total Cost</b> |
| • PROC1: MQ-9 Unmanned Aerial | 8.724   | 3.952   | 1.893   |         | 1.893        | 6.011   | 6.425   | 5.404   | 5.516   | Continuing | Continuing        |
| Vehicle                       |         |         |         |         |              |         |         |         |         |            |                   |

Remarks

PE 1105219BB: MQ-9 Unmanned Aerial Vehicle United States Special Operations Command

UNCLASSIFIED
Page 3 of 7

R-1 Line #250

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

| Exhibit R-2A, RDT&E Project Justification: PB 2014 United States Sp  | DATE: April 2013                                   |  |
|--|--|--|
| APPROPRIATION/BUDGET ACTIVITY  | R-1 ITEM NOMENCLATURE                              | PROJECT                                  |
| 0400: Research, Development, Test & Evaluation, Defense-Wide   | PE 1105219BB: MQ-9 Unmanned Aerial                 | S851: MQ-9 Unmanned Aerial Vehicle       |
| BA 7: Operational Systems Development  | Vehicle  |  |
| <ul> <li>D. Acquisition Strategy</li> <li>MQ-9 Unmanned Aerial Vehicle is an evolutionary acquisition program increase the ISR&amp;T acquisition capabilities of SOF.</li> </ul> | n that provides improvements to SOF MQ-9 aircraft, | payloads, and ground control stations to |
| E. Performance Metrics<br>N/A  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

PE 1105219BB: *MQ-9 Unmanned Aerial Vehicle* United States Special Operations Command

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 United States Special Operations Command

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

PROJECT

0400: Research, Development, Test & Evaluation, Defense-Wide

PE 1105219BB: MQ-9 Unmanned Aerial

S851: MQ-9 Unmanned Aerial Vehicle

BA 7: Operational Systems Development

Vehicle

| Test and Evaluation | (\$ in Milli                 | ions)  |                    | FY 2012 |               | FY 2  | 2013          | FY 2<br>Ba | 2014<br>ise   | FY 2  |               | FY 2014<br>Total |            |               |                                |
|---------------------|------------------------------|--|--------------------|---------|---------------|-------|---------------|------------|---------------|-------|---------------|------------------|------------|---------------|--------------------------------|
| Cost Category Item  | Contract<br>Method<br>& Type | Performing<br>Activity & Location                            | All Prior<br>Years | Cost    | Award<br>Date | Cost  | Award<br>Date | Cost       | Award<br>Date | Cost  | Award<br>Date | Cost             | Cost To    | Total<br>Cost | Target<br>Value of<br>Contract |
| MQ-9 UAV            | SS/<br>Various               | General Atomics<br>Aeronautical<br>Services:San Diego,<br>CA | 5.167              | 2.434   | Mar 2012      | 3.002 | Mar 2013      | 1.314      | Mar 2014      | -     |               | 1.314            | Continuing | Continuing    |                                |
|                     |                              | Subtotal   | 5.167              | 2.434   |               | 3.002 |               | 1.314      |               | 0.000 |               | 1.314            |            |               |                                |
|                     |                              |  |                    |         |               |       |               |            |               |       |               |                  |            |               | Target                         |

|                     | All Prior<br>Years | FY 2012 | FY 2013 | FY 2014<br>Base | FY 2014<br>OCO | FY 2014<br>Total | Cost To | Total<br>Cost | Target<br>Value of<br>Contract |
|---------------------|--------------------|---------|---------|-----------------|----------------|------------------|---------|---------------|--------------------------------|
| Project Cost Totals | 5.167              | 2.434   | 3.002   | 1.314           | 0.000          | 1.314            |         |               |                                |

Remarks

| Exhibit R-4, RDT&E Schedule Profile: PB 20   | 014 Unite | ed St   | tates | Spe | ecial | Oper  | ratior | ns Co | omm  | and              |              |   |    |      |      |       |         |      |                            |   | DA      | TE: | April | 201  | 3       |     |       |          |
|--|-----------|---------|-------|-----|-------|-------|--------|-------|------|------------------|--------------|---|----|------|------|-------|---------|------|----------------------------|---|---------|-----|-------|------|---------|-----|-------|----------|
| APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evalua BA 7: Operational Systems Development | ion, Defe | ense    | -Wia  | de  |       |       | Р      |       | 0521 | _                | ENC<br>: MQ  |   | _  |      | d Ae | erial |         |      | <b>OJE</b><br>51: <i>N</i> |   | 9 U     | nma | nned  | l Ae | rial    | Vel | hicle | <b>;</b> |
|  |           |         |       |     |       |       |        |       |      |                  |              |   |    |      |      |       |         |      |                            |   |         |     |       |      |         |     |       |          |
|  |           | FY      | 2012  | 2   |       | FY 20 | 013    |       | FY   | <b>201</b>       | 4            |   | FY | 2015 |      |       | FY      | 2016 |                            |   | FY      | 201 | 7     |      | FY      | 201 | 18    |          |
|  | 1         | FY<br>2 |       | 2 4 | 1     |       | 013    | 4     |      | <sup>'</sup> 201 | <del>-</del> | 1 |    | 2015 | 4    | 1     | FY<br>2 |      | 4                          | 1 | FY<br>2 |     | _     | 1    | FY<br>2 |     | 18    | 4        |
| MQ-9 Unmanned Aerial Vehicle   | 1         |         |       | _   | 1     |       |        | 4     |      |                  | <del>-</del> | 1 |    |      | 4    | 1     |         |      | 4                          | 1 |         |     | _     | 1    |         |     |       | 4        |

Exhibit R-4A, RDT&E Schedule Details: PB 2014 United States Special Operations Command

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

/: -l -

R-1 ITEM NOMENCLATURE
PE 1105219BB: MQ-9 Unmanned Aerial

**PROJECT** 

0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development

FE 110321900. MQ-9 01

S851: MQ-9 Unmanned Aerial Vehicle

Vehicle

#### Schedule Details

|                              | Sta     | art  | End     |      |  |  |  |
|------------------------------|---------|------|---------|------|--|--|--|
| Events by Sub Project        | Quarter | Year | Quarter | Year |  |  |  |
| MQ-9 Unmanned Aerial Vehicle |         |      |         |      |  |  |  |
| Development/Integration/Test | 1       | 2012 | 4       | 2018 |  |  |  |