

## UNCLASSIFIED

PE NUMBER: 0401115F

PE TITLE: C-130 AIRLIFT SQUADRONS

| Exhibit R-2, RDT&E Budget Item Justification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                     |                     |                                                         |                     |                     |                     | DATE<br>February 2004 |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|---------------------|---------------------------------------------------------|---------------------|---------------------|---------------------|-----------------------|---------|
| BUDGET ACTIVITY<br>07 Operational System Development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |                     |                     | PE NUMBER AND TITLE<br>0401115F C-130 AIRLIFT SQUADRONS |                     |                     |                     |                       |         |
| 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   |
| Total Program Element (PE) Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 130.254           | 104.486             | 150.242             | 179.074                                                 | 141.943             | 108.574             | 41.530              | 38.127                | 961.890 |
| 4885 Avionics Modernization Program (AMP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 130.254           | 104.486             | 150.242             | 179.074                                                 | 141.943             | 108.574             | 41.530              | 38.127                | 961.890 |
| In FY 2003, Project 674726, Avionics Modernization Program (AMP), was changed to Project 674885 (same name) to correct an administrative error. This action did not change program content nor its funding.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                     |                     |                                                         |                     |                     |                     |                       |         |
| (U) <b><u>A. Mission Description and Budget Item Justification</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                     |                     |                                                         |                     |                     |                     |                       |         |
| <p>The C-130 Avionics Modernization Program (AMP) consolidates and installs the mandated DOD Navigation/Safety mods, the Global Air Traffic Management (GATM) systems and the C-130 Broad Area Review requirements on the AF's 490 C/AC/EC/HC/LC/MC-130s that are not being replaced with new C/CC/EC/WC-130Js. These mandated mods are incorporated with various other Reliability, Maintainability, and Sustainability (RM&amp;S) upgrades to include: ETCAS, TAWS, replacement of APN-59 &amp; APQ-175 radars, N-1/C-12 compass, dual autopilots, dual flight management systems and HF/UHF/VHF datalink to constitute C-130 AMP. AMP will allow the AF's 490 C/AC/EC/HC/LC/MC-130s complete access to the GATM-controlled international air space. Also, AMP and USSOCOM's Common Architecture for Penetration (CAAP) have been combined to eliminate any duplication of effort in these avionics programs.</p> <p>The USAF's C-130 fleet consists of 15 different mission design series (MDS) to be modified by the AMP. Within each of these MDSs are multiple variants (C-130H2, etc.) to be modified by AMP. These multiple different models and cockpit configurations create significant logistics support and aircrew training inefficiencies. Also, these differences greatly complicate aircrew and aircraft interoperability at forward operating locations. C-130 AMP standardizes the cockpit configurations and avionics for these different variants into a single cockpit configuration by installing a core avionics package, thus eliminating many of these significant logistics, interoperability and training problems. (Note: The new C/CC/EC/WC-130J aircraft are not included in this C-130 AMP program).</p> <p>Shown here are RDT&amp;E funds for C-130 AMP. SOCOM's AC/EC/MC-130s will have additional CAAP equipment installed along with AMP. This unique equipumt is funded in MFP-11, and these funds are not shown here.</p> <p>The Boeing Company was awarded the AMP contract on 30 July 01. Each C-130 variant or group of variants will require a specific kit development and test. Then, each will proceed through development and production serially. This waterfall approach will result in an orderly development and production sequencing for the 15 different C-130 MDSs.</p> <p>Development activities continue to focus on two areas: AMP's architecture and kit development for the first Combat Delivery aircraft (C-130H2) and the first Special Mission aircraft (MC-130H), as well as software development of the SOF AMP and Common Avionics Architecture for Penetration (CAAP) capabilities.</p> <p>A Restructure Engineering Change Proposal (ECP) 1302 was awarded to Boeing 20 Aug 03. The ECP rebaselines the program due to funding reductions in FYs 03/04 resulting in delays in System Development and Demonstration program for up to 2 years.</p> <p>C-130 Avionics Modernization Program (AMP): This project is in Budget Activity 7, Operational Systems Development as it is a major avionics and cockpit configuration modernization to the AF's C/AC/EC/HC/LC/MC-130 fleet of aircraft.</p> |                   |                     |                     |                                                         |                     |                     |                     |                       |         |
| R-1 Shopping List - Item No. 208-1 of 208-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                     |                     |                                                         |                     |                     |                     |                       |         |
| Exhibit R-2 (PE 0401115F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                     |                     |                                                         |                     |                     |                     |                       |         |

R-1 Shopping List - Item No. 208-1 of 208-7

Exhibit R-2 (PE 0401115F)

## Exhibit R-2, RDT&amp;E Budget Item Justification

DATE

February 2004

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0401115F C-130 AIRLIFT SQUADRONS

Development to replace the Jet Assisted Take-Off Rocket Motors (JATO) bottles.

(U) **B. Program Change Summary (\$ in Millions)**

|                                      | <u>FY 2003</u> | <u>FY 2004</u> | <u>FY 2005</u> |
|--------------------------------------|----------------|----------------|----------------|
| (U) Previous President's Budget      | 155.102        | 105.381        | 150.636        |
| (U) Current PBR/President's Budget   | 130.254        | 104.486        | 150.242        |
| (U) Total Adjustments                | -24.848        | -0.895         |                |
| (U) Congressional Program Reductions | -3.876         | -0.895         |                |
| Congressional Rescissions            |                |                |                |
| Congressional Increases              |                |                |                |
| Reprogrammings                       | -19.985        |                |                |
| SBIR/STTR Transfer                   | -0.987         |                |                |

(U) **Significant Program Changes:**

As a result of the AF decision to slip AMP production from FY05 to FY06, RDT&E funding needed to be realigned to the new profile. The \$19.985M in FY03 includes various BTRs to other AF programs reflecting the revised AMP plan.

## UNCLASSIFIED

## Exhibit R-2a, RDT&amp;E Project Justification

DATE

February 2004

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0401115F C-130 AIRLIFT  
SQUADRONS

PROJECT NUMBER AND TITLE

4885 Avionics Modernization  
Program (AMP)

| 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   |
|----------------------------------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------|
| 4885 Avionics Modernization Program<br>(AMP) | 130.254           | 104.486             | 150.242             | 179.074             | 141.943             | 108.574             | 41.530              | 38.127              | 961.890 |
| Quantity of RDT&E Articles                   | 0                 | 0                   | 0                   | 0                   | 0                   | 0                   | 0                   |                     |         |

(U) A. Mission Description and Budget Item Justification

## UNCLASSIFIED

| Exhibit R-2a, RDT&E Project Justification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                 |                                                            |                 |                 | DATE<br>February 2004                                                    |                 |                 |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|-----------------|------------------------------------------------------------|-----------------|-----------------|--------------------------------------------------------------------------|-----------------|-----------------|-------------------|
| BUDGET ACTIVITY<br>07 Operational System Development                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                |                 | PE NUMBER AND TITLE<br>0401115F C-130 AIRLIFT<br>SQUADRONS |                 |                 | PROJECT NUMBER AND TITLE<br>4885 Avionics Modernization<br>Program (AMP) |                 |                 |                   |
| (U) Accomplishments/Planned Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                |                 |                                                            |                 |                 | 95.224                                                                   | 79.856          | 116.762         |                   |
| (U) Ramp-up and design specification began in FY03, allowing software coding to proceed at full speed and developmental hardware acquisition to begin. Detailed design work will continue for both Group A and B equipment for the 13 follow-on C-130 MDSs. A Restructure ECP 1302 was awarded to Boeing 20 Aug 2003.                                                                                                                                                                                                               |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| (U) Engineering Change Orders (ECO), Govt Furnished Parts and Information (GFP/GFI) and Award Fee                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                |                 |                                                            |                 |                 | 7.030                                                                    | 7.430           | 14.990          |                   |
| (U) Developmental Test and Evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                |                 |                                                            |                 |                 | 10.160                                                                   | 9.700           | 9.740           |                   |
| (U) Training System development upgrades                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                |                 |                                                            |                 |                 | 5.370                                                                    | 1.500           | 1.800           |                   |
| (U) Program office support ( TDY, training and supplies).                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                |                 |                                                            |                 |                 | 12.470                                                                   | 6.000           | 6.950           |                   |
| (U) Continue developmental hardware acquisition. Detailed design work will continue for both Group A and B equipment on the follow-on MDSs. Continue development of the training systems based on the results of the Training Systems Requirements Analysis (TSRA). Continue acquisition of the avionics hardware to support the software integration efforts associated with both the Core Operational Flight Program (OFP) and the Combat Talon OFP. Coding and unit testing for the software integration facility will continue. |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| (U) Total Cost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                |                 |                                                            |                 |                 | 130.254                                                                  | 104.486         | 150.242         |                   |
| (U) <u>C. Other Program Funding Summary (\$ in Millions)</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <u>FY 2003</u> | <u>FY 2004</u>  | <u>FY 2005</u>                                             | <u>FY 2006</u>  | <u>FY 2007</u>  | <u>FY 2008</u>                                                           | <u>FY 2009</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| PE 0401115F, Avionics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| (U) Modernization Program (AMP),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                |                 | 111.600                                                    | 156.880         | 247.280         | 424.330                                                                  | 2,386.740       | 3,326.830       |                   |
| BP1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| (U) <u>D. Acquisition Strategy</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| The C-130 AMP contract was awarded 30 July 2001. The contract is a Cost-Plus Award Fee contract to develop and install AMP kits for the 490 aircraft within the AF's AC/C/EC/HC/LC/MC-130 fleet. Revisions to the AF training system is an option under the AMP contract, which will modify the various Training Programs and Weapons Systems Trainers to the AMP configuration.                                                                                                                                                    |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
| A Restructure Engineering Change Proposal (ECP) 1302 was awarded to Boeing 20 Aug 2003. The ECP rebaselines the program due to funding reductions in the FYs 03/04 resulting in delays in System Development and Demonstration program for up to 2 years.                                                                                                                                                                                                                                                                           |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                |                 |                                                            |                 |                 |                                                                          |                 |                 |                   |

Project 4885

R-1 Shopping List - Item No. 208-4 of 208-7

Exhibit R-2a (PE 0401115F)

## UNCLASSIFIED

| Exhibit R-3, RDT&E Project Cost Analysis                                                                              |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             | DATE<br>February 2004                                                    |               |                                |  |  |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------|--------------------------------------|--------------------|------------------------------------------------------------|--------------------|-----------------------------|--------------------|-----------------------------|--------------------------------------------------------------------------|---------------|--------------------------------|--|--|
| BUDGET ACTIVITY<br>07 Operational System Development                                                                  |                           |                                   |                                      |                    | PE NUMBER AND TITLE<br>0401115F C-130 AIRLIFT<br>SQUADRONS |                    |                             |                    |                             | PROJECT NUMBER AND TITLE<br>4885 Avionics Modernization<br>Program (AMP) |               |                                |  |  |
| (U) Cost Categories<br>(Tailor to WBS, or System/Item<br>Requirements)<br>(\$ in Millions)                            | Contract Method<br>& Type | Performing Activity &<br>Location | Total<br>Prior to FY<br>2003<br>Cost | FY<br>2003<br>Cost | FY<br>2003<br>Award<br>Date                                | FY<br>2004<br>Cost | FY<br>2004<br>Award<br>Date | FY<br>2005<br>Cost | FY<br>2005<br>Award<br>Date | Cost to<br>Complete                                                      | Total<br>Cost | Target<br>Value of<br>Contract |  |  |
| (U) Product Development                                                                                               |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| Boeing, Long Beach, CA                                                                                                | CPAF                      |                                   | 38.977                               | 107.624            | Dec-02                                                     | 88.786             | Dec-03                      | 133.552            | Dec-04                      | 469.041                                                                  | 837.980       |                                |  |  |
| Subtotal Product Development                                                                                          |                           |                                   | 38.977                               | 107.624            |                                                            | 88.786             |                             | 133.552            |                             | 469.041                                                                  | 837.980       | 0.000                          |  |  |
| Remarks: Note: Funds shown here contain System Design & Development, ECO, Training System Upgrades and the Award Fee. |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| (U) Support                                                                                                           |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| Program Support Office                                                                                                | N/A                       |                                   | 18.340                               | 12.470             |                                                            | 6.000              |                             | 6.950              |                             | 26.370                                                                   | 70.130        |                                |  |  |
| Subtotal Support                                                                                                      |                           |                                   | 18.340                               | 12.470             |                                                            | 6.000              |                             | 6.950              |                             | 26.370                                                                   | 70.130        | 0.000                          |  |  |
| Remarks: Award Dates vary throughout the year depending on activity (TDY, Training, Contractor Support)               |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| (U) Test & Evaluation                                                                                                 |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| Various                                                                                                               |                           |                                   | 6.010                                | 10.160             | Jan-03                                                     | 9.700              | Jan-04                      | 9.740              | Jan-05                      | 18.170                                                                   | 53.780        |                                |  |  |
| Subtotal Test & Evaluation                                                                                            |                           |                                   | 6.010                                | 10.160             |                                                            | 9.700              |                             | 9.740              |                             | 18.170                                                                   | 53.780        | 0.000                          |  |  |
| Remarks:                                                                                                              |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| (U) Management                                                                                                        |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
|                                                                                                                       |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          | 0.000         |                                |  |  |
| Subtotal Management                                                                                                   |                           |                                   | 0.000                                | 0.000              |                                                            | 0.000              |                             | 0.000              |                             | 0.000                                                                    | 0.000         | 0.000                          |  |  |
| Remarks:                                                                                                              |                           |                                   |                                      |                    |                                                            |                    |                             |                    |                             |                                                                          |               |                                |  |  |
| (U) Total Cost                                                                                                        |                           |                                   | 63.327                               | 130.254            |                                                            | 104.486            |                             | 150.242            |                             | 513.581                                                                  | 961.890       | 0.000                          |  |  |

Project 4885

R-1 Shopping List - Item No. 208-5 of 208-7

Exhibit R-3 (PE 0401115F)

## Exhibit R-4, RDT&amp;E Schedule Profile

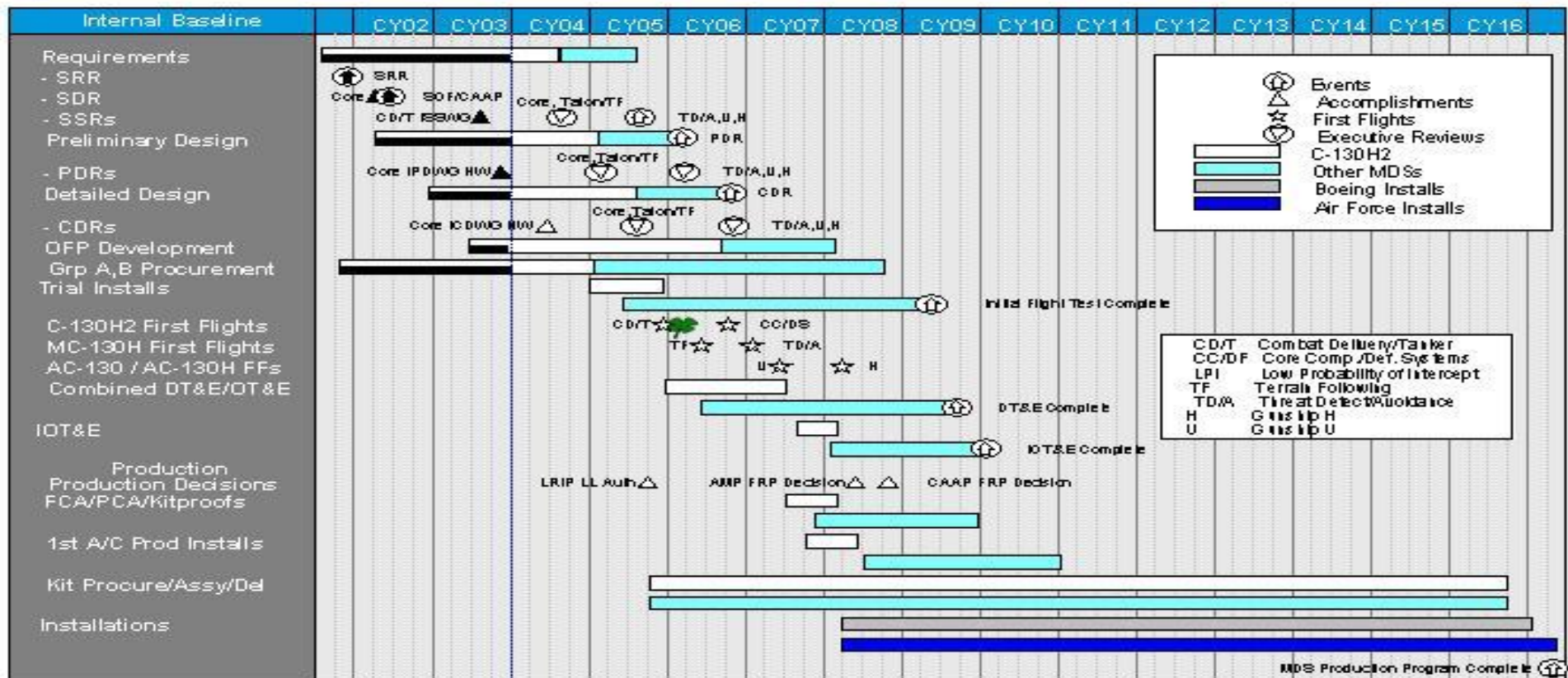
DATE

February 2004

BUDGET ACTIVITY  
07 Operational System DevelopmentPE NUMBER AND TITLE  
0401115F C-130 AIRLIFT  
SQUADRONSPROJECT NUMBER AND TITLE  
4885 Avionics Modernization  
Program (AMP)

U.S. AIR FORCE

# C-130 Avionics Modernization Program Master Schedule



**UNCLASSIFIED**

| Exhibit R-4a, RDT&E Schedule Detail                                                                                  |  |                                                         | DATE<br>February 2004                                                 |                |
|----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|-----------------------------------------------------------------------|----------------|
| BUDGET ACTIVITY<br>07 Operational System Development                                                                 |  | PE NUMBER AND TITLE<br>0401115F C-130 AIRLIFT SQUADRONS | PROJECT NUMBER AND TITLE<br>4885 Avionics Modernization Program (AMP) |                |
| (U) <u>Schedule Profile</u>                                                                                          |  | <u>FY 2003</u>                                          | <u>FY 2004</u>                                                        | <u>FY 2005</u> |
| (U) Core Preliminary Design Review (PDR)                                                                             |  |                                                         | 1Q                                                                    |                |
| (U) C-130 SOF/AMP PDR                                                                                                |  |                                                         | 2Q                                                                    |                |
| (U) AMP Hardware Concept Design Review (CDR)                                                                         |  |                                                         |                                                                       | 4Q             |
| (U) AMP Software CDR                                                                                                 |  |                                                         |                                                                       | 4Q             |
| <div>Project 4885</div> <div>R-1 Shopping List - Item No. 208-7 of 208-7</div> <div>Exhibit R-4a (PE 0401115F)</div> |  |                                                         |                                                                       |                |