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| Subject: WC-130J Stepped Frequency Microwave Radiometer | | DoD Serial Number: FY 05-89 IR |
| Appropriation Title: Research, Development, Test, and Evaluation, Air Force, 05/06 | | Includes Transfer? Yes |

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|---|--|--------|--|--------|----------------------|--------|-----------------|--------|
| Component Serial Number: FY 05-55 IR | <i>(Amounts in Thousands of Dollars)</i> | | | | | | | |
| | Program Base Reflecting Congressional Action | | Program Previously Approved by Sec Def | | Reprogramming Action | | Revised Program | |
| Line Item | Quantity | Amount | Quantity | Amount | Quantity | Amount | Quantity | Amount |
| a | b | c | d | e | f | g | h | i |

This action transfers \$10.0 million from Procurement, Defense-Wide, 05/07, appropriation to Research, Development, Test, and Evaluation, Air Force, 05/06, appropriation. This transfer is in accordance with the provisions in Public Law 108-324, the Military Construction Appropriations and Emergency Hurricane Supplemental Appropriations Act, 2005.

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|---|--|---------|--|--------|--|-----------------------|--|--------|
| <u>FY 2005 REPROGRAMMING INCREASE:</u> | | | | | | | | |
| | | | | | | <u>+10,000</u> | | |
| <u>Research, Development, Test, and Evaluation, Air Force, 05/06</u> | | | | | | <u>+10,000</u> | | |
| <u>Budget Activity 7: Operational Systems Development</u> | | | | | | | | |
| PE 0401132F C-130J Program | | | | | | | | |
| | | 35,985 | | 35,985 | | <u>+10,000</u> | | 45,985 |
| <u>FY 2005 REPROGRAMMING DECREASE:</u> | | | | | | | | |
| | | | | | | <u>-10,000</u> | | |
| <u>Procurement, Defense-Wide, 05/07</u> | | | | | | <u>-10,000</u> | | |
| Public Law 108-324 | | 140,000 | | 41,161 | | <u>-10,000</u> | | 31,161 |

Explanation: This action transfer funds for the integration and testing activities necessary to incorporate a Stepped Frequency Microwave Radiometer (SMFR) onto a WC-130J aircraft. Congress provided \$10.5 million in Public Law 108-324, the Military Construction Appropriations and Emergency Hurricane Supplemental Appropriations Act, 2005, for the procurement of "WC-130 Hurricane Tracking Equipment". However, an additional \$10.0 million is required for the integration and testing. This equipment will provide real time surface wind speeds and rainfall rates in hurricanes and tropical storms and will allow the National Hurricane Forecast Center to provide higher fidelity forecasts.

Approved (Signature and Date)  OCT 3 2005