

LANGUAGE FOR FISCAL YEAR 2000

**F-14 SERIES
ACCOUNT: APN**

| PRESBUD | HASC | SASC | CASC | HAC | SAC | CAC |
|---------|--------|--------|--------|--------|--------|--------|
| 83,352 | 83,352 | 83,352 | 83,352 | 83,352 | 83,352 | 83,352 |

**F-14 UPGRADE
ACCOUNT: RDT&E**

| PRESBUD | HNSC | SASC | CASC | HAC | SAC | CAC |
|---------|-------|-------|-------|-------|-------|-------|
| 1,390 | 1,390 | 1,390 | 1,390 | 1,390 | 1,390 | 1,390 |

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| HASC LANGUAGE (Rpt. 106-162) |
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Page 65, Aircraft Procurement, Navy

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|-----|-------------|---|--------|---|--------|
| 023 | F-14 SERIES | - | 83,120 | - | 83,120 |
| 024 | F-14 SERIES | - | 83,352 | - | 83,352 |
| 025 | ADVERSARY | - | - | - | - |

Page 186, RDT&E, Navy

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|----------|-----|--|--|-------|--|--|--|----------|
| 0205667N | 167 | New Propeller Testing for the C-2 Aircraft | | | | | | |
| 0205675N | 168 | F-14 UPGRADE | | 1,390 | | | | [+5,000] |
| | | ADDITIONAL WING LEAD BRUMS SYSTEMS | | | | | | 1,300 |

Pages 196 and 197, RDT&E, Navy – Items of Special Interest

F/A-18C/D BOL chaff countermeasure

The budget request contained \$315.7 million in PE 24136N for F/A-18 aircraft operational systems development, including \$169.1 million for the development of improvements to fielded F/A-18 aircraft. No funds were requested to continue the certification of BOL chaff countermeasures for the F/A-18C/D. The committee notes that the LAU-138A/A Guided Missile Launcher Set and its associated chaff countermeasures (RR184 and RR189), commonly referred to as BOL chaff, have been qualified and deployed on the F-14 aircraft. The launcher significantly increases aircrew/aircraft survivability and mission effectiveness by dispensing increased quantities of countermeasures against radar homing and infra-red missiles that are dispensed from the rear of the aircraft launcher rail without displacing other aircraft weapons from the launcher rail. The committee further notes that Phase I integration testing of the LAU138A/A on the F/A-18C/D aircraft will be completed in fiscal year 1999. However, the committee understands that funding for completion of Phase 2 of the F/A-18C/D qualification program, which would lead to a production decision is insufficiently funded. The committee recommends \$318.2 million in PE 24136N, an increase of \$2.5 million to complete Phase 2 testing and qualification of the LAU 138A/A BOL chaff countermeasure on the F/A-18C/D strike fighter.

SASC LANGUAGE (Rpt. 106-50)

Contains no language.

Page 62, Aircraft Procurement, Navy

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|----|-------------|---|--------|---|---|---|--------|
| 24 | F-14 SERIES | - | 83,352 | - | - | - | 83,352 |
| 25 | ADVERSARY | - | - | - | - | - | - |

Page 179, RDT&E, Navy

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|----------|-----|-----------------------------------|--|--|--------|---|--------|
| 0205667N | 167 | F-14 UPGRADE | | | 1,390 | - | 1,390 |
| 0205675N | 168 | OPERATIONAL NUCLEAR POWER SYSTEMS | | | 53,564 | - | 53,564 |

CASC LANGUAGE (Rpt. 106-301)

Contains no language.

Page 524, Aircraft Procurement, Navy

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|----|-------------|---|--------|---|--------|---|---|--------|
| 24 | F-14 SERIES | - | 83,352 | - | 83,352 | - | - | 83,352 |
| 25 | ADVERSARY | - | - | - | - | - | - | - |

Page 623, RDT&E, Navy

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|----------|-----|-----------------------------------|--|--------|--------|--------|---|--------|
| 0205667N | 167 | F-14 UPGRADE | | 1,390 | 1,390 | 1,390 | - | 1,390 |
| 0205675N | 168 | OPERATIONAL NUCLEAR POWER SYSTEMS | | 53,564 | 53,564 | 53,564 | - | 53,564 |

HAC LANGUAGE (Rpt. 106-244)

Contains no language.

Page 148, Aircraft Procurement, Navy

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|-------------|----|---------|----|---------|----|---------|
| F-14 SERIES | -- | 39,126 | -- | 39,126 | -- | -- |
| F-14 SERIES | -- | 83,352 | -- | 83,352 | -- | -- |
| F-14 SERIES | -- | 781,780 | -- | 781,780 | -- | -27,000 |

Page 234, RDT&E, Navy

| | | | |
|--|--------|--------|---------|
| AVIATION IMPROVEMENTS..... | 53,293 | 63,293 | +10,000 |
| F-14 UPGRADE..... | 1,390 | 1,390 | --- |
| OPERATIONAL NUCLEAR POWER SYSTEMS..... | 53,564 | 53,564 | --- |

Page 229, RDT&E, Navy

SHARED RECONNAISSANCE POD (SHARP)

The Committee is pleased with the commitment the Secretary of the Navy and the Chief of Naval Operations have made in the development of the SHARP system. The Committee notes that in a June 1, 1999 report to Congress, the Secretary of the Navy determined

that the SHARP program is the “most effective reconnaissance system for the F/A-18, the scheduled replacement for F-14 Tactical

Given these results, it is difficult to understand why the Marine Corps has not aggressively pursued this technology in conjunction with the Navy. The Committee requests that the Secretary of the Navy review the Marine Corps proposals for its roadmap to meet future tactical reconnaissance requirements to ensure that this plan includes a transition to SHARP when the system becomes available for acquisition.

The rapid prototyping development and acquisition strategy for SHARP is unique in that the Navy seeks to use off the shelf sensor technology and integrate this technology into a pod that can be used on the F/A-18. The Committee believes that significant progress has been made in the commercial sector to develop electro-optic sensor, radar, and pod technologies that can meet most of SHARP’s operational needs immediately. However, several challenges exist, both technically and philosophically, to getting this

Technical challenges include development of a suitable pod and the integration of the sensors, radar, and the ground station data link with the aircraft. The Committee is confident that the Navy will overcome these challenges. The philosophical challenge includes a new development and acquisition strategy that requires the Service to adopt a rapid prototyping process with “off-the-shelf” technology. The Committee believes a flexible and dynamic development and acquisition approach is necessary to quickly and effectively field SHARP.

The Committee has included \$9,000,000 for the SHARP program only to pursue the acquisition and testing of a small, lightweight synthetic aperture radar for inclusion into SHARP. Significant work has already been conducted on such a system that is being leveraged by the Navy on other platforms. The Navy should not use these funds to pursue a new developmental effort for this SAR, but should test what is available today. This is a congressional interest item. These funds shall not be used for other program requirements without prior approval.

The Committee is aware that there could be future funding shortfalls in the SHARP program based on additional requirements and technology enhancements. The Committee directs the Secretary of the Navy to ensure that any and all SHARP program requirements are fully funded in future budget requests.

Finally, the Committee is concerned that technical challenges in the development of a suitable pod could potentially delay fielding of SHARP. The Navy should aggressively pursue the most innovative and competitive SHARP pod design and development. It appears the current acquisition approach does not allow for participation by small innovative companies.

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| SAC LANGUAGE (Rpt. 106-53) |
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Contains no language.

Page 61, Aircraft Procurement, Navy

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|-------------------|---------------|---------------|---------|
| AV-8 SERIES | 39,126 | 39,126 | |
| F-14 SERIES | 83,352 | 83,352 | |
| F-18 SFRIFS | 308,789 | 300,589 | - 8,200 |

Page 108, RDT&E, Navy

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|---|--------|--------|----------|
| NAVY SCIENCE ASSISTANCE PROGRAM | | 13,000 | + 13,000 |
| F-14 UPGRADE | 1,390 | 1,390 | |
| OPERATIONAL NUCLEAR POWER SYSTEMS | 53,564 | 53,564 | |

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| CAC LANGUAGE (Rpt. 106-371) |
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Contains no language.