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(b)(3):10 USC 424

Advanced Aerospace Weapon System Applications Contract Status

Contract HHM402-08-C-0072

(b)(3):10 USC 424;(b)(6)

16 December 2008

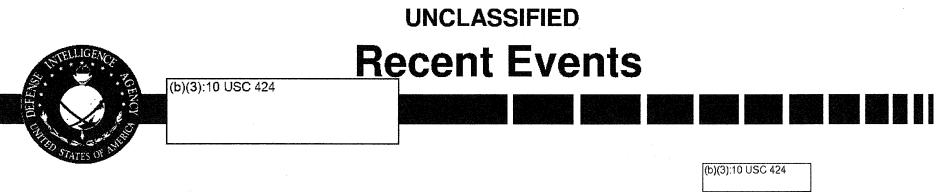
This Briefing is Unclassified

UNCLASSIFIED **Contract Focus** (b)(3):10 USC 424

Advanced (unconventional) aerospace weapon system technical studies (threat projection's through 2050 timeframe – <u>not</u> extrapolations of current technology) in the following areas:

- Lift 0
- Propulsion 0
- Control 6
- **Power Generation** 0
- Spatial/Temporal Translation
 Armament (RF and DEW)

- Materials
- **Configuration, Structure**
- Human Interface
- Human Effects
- Signature Reduction (optical, infrared, radiofrequency, acoustic)



- Initial contract status brief was given to on 10 November
- Subject was raised by Sen Reid in a meeting with ((b)(3):10 USC 424 on 13 November
- Bigelow Aerospace Advanced Space Studies submitted complete Program Management Plans (PMPs) in the 12 technical areas on 21 November for DIA comment and approval



On Track, On Schedule, and Within Cost

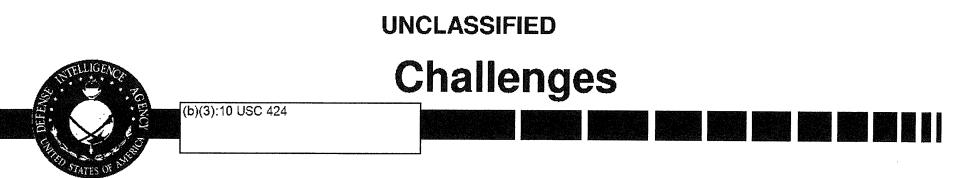
- Technical approaches being implemented by contractor are established, traditional techniques within intended scope of contract
- Technical report deliverables will be under subcontract within 2 months and completed within 7 months
- Equal amount monthly payments to contractor have commenced and allow for research subcontracts to be put into place quickly



BAASS Technical Approaches for FY09

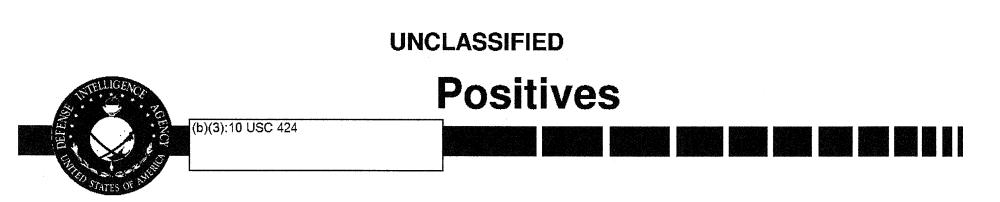
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- Calibrated Data Collection
- World-Class Expert Access & Analysis
- Collaboration Universities, National Labs
- Investigation / Assessment Major Aerospace & Electronics Firms
- Cooperation Intelligence Community
- Technical Peer Review Boards



 Difficulties in establishing a research effort from the ground up – staff, management, consultants, clearances, facilities

(b)(6)		



- BAASS very receptive to communication and guidance
- BAASS Program Management Plans (PMPs) in the 12 technical areas were all excellent – approval given to proceed

^{(b)(6)} will coordinate the production of all technical report deliverables during this initial phase of the program – goal is ~2 reports per area completed by 31 July – approval needed to proceed

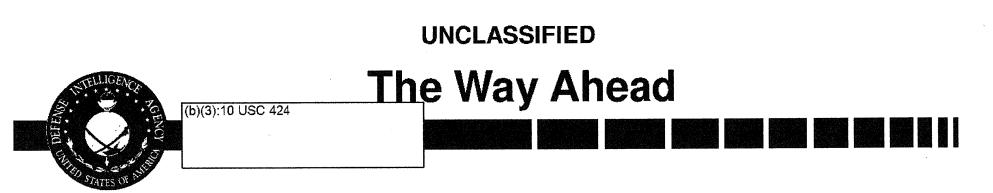


Program Management Plans

- 12 PMPs are very good to excellent
- Multiple reports in each technical area within the contracted period
- In general, each PMP has

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- 2 4 "feasibility of technical concept" studies suggested
- comparison of the aerospace vehicle concept with observable data
- review literature for recent concepts proposed by academia and national labs
- information exchange with government contractors in the aerospace and electronic sectors



- Review and approval of the specific topics suggested for the ~24 technical reports
- Review and approval of the research database architecture
- Review and approval of the university / national lab research grant solicitations before release
- Ensure that the personal security clearances submitted are quickly and successfully processed and that the collateral site clearance is granted