



Mr. Bob Estes

BACKGROUND

Bob Estes is an executive with over 20 years of experience. He has consulted with clients across the Aerospace & Defense, Project Management, Facility Construction, Operations Management and Information Technology business industry sectors. His project management and consulting experience includes facility design, design engineering management, facility construction and outfitting, existing facility modernization, logistics planning, business management, and contract proposal development. He has served clients in North America, Central America and the Indian Ocean areas.

AREAS OF EXPERTISE

Mr. Estes has personal experience in the areas of:

- Project management
- Facilities development, construction and outfitting
- Facilities modernization
- Integrated logistics support (ILS)
- Component maintenance, repair and overhaul (MRO)
- Order fulfillment and customer service
- Automated warehousing systems
- Product distribution network design
- Work Breakdown Structure (WBS)
- CPM schedules
- Venture capital acquisition
- Government contracting
- Spacecraft processing and on orbit operations
- Manned space flight support systems
- Classified / high security program operations
- eBusiness & Information Technology (IT) strategy
- Mature eBusiness IPO
- IT systems selection & deployment
- Automated billing and accounts receivable
- Fleet management & maintenance plans

CAREER EXPERIENCE

Mr. Estes' previous career experience includes technical and business consulting, project management, operations management and information technology positions in both public and private sector operations, including:

Consulting Experience

JHolcombe & Associates., Inc.: a Central Florida -based management consulting firm.

Managing Consultant – 2008; Contract Proposal Practice (1 year). Provided concepts and cost estimates for consolidation of all warehouse, depot, shipping and receiving functions at Kennedy Space Center (KSC) for Space Station flight hardware processing contractor. Conducted automated storage and tracking system analysis. Developed detailed cost estimates to relocate over 80,000 storage locator indicators. Provided solution alternatives for updating part storage and retrieval systems. Provided facility requirements to accommodate flight and nonflight hardware integrated logistics support to support ground and downmass operations at KSC.

Managing Consultant – 2007; Logistics Operations Practice (1 year). Provided concepts and cost estimates for consolidation of all warehouse, depot, shipping and receiving functions at Kennedy Space Center (KSC) for Space Station flight hardware processing contractor. Conducted automated storage and tracking system analysis. Developed detailed cost estimates to relocate over 80,000 storage locator indicators. Provided solution alternatives for updating part storage and retrieval systems. Provided facility requirements to accommodate flight and nonflight hardware integrated logistics support to support ground and downmass operations at KSC.

City of Cocoa Beach, Land Development Services: a Central Florida Municipality.

Principal-level Management Consultant – 2003 to 2007; Project Management Practice (4 years). Provided master plan, implementation plan and cost estimates for redevelopment of core downtown area. Developed recommendations for infrastructure improvements, municipal service enhancements, materials and design recommendations for 25 block area. Plan, summary and initial project design delivered to City Commission and City Management team.

Staff Resume



Real Fusion TV, Inc.: a central Kentucky based international real estate eCommerce franchise company
Principal-level Management Consultant – 1998 to 2001; Information Technology Practice (2 years), Business Plan Development/Evaluation Practice (2 years), Project Management Principal (3 years). Evaluated and edited business plan for \$2 M Startup Company. Identified processes for development of e-commerce website and associated nationwide franchise offices. Determined software, website design subcontractors, web hosting and IT office for “dot com” era start-up company. Worked with principals on strategies and process for Initial Public Offering (IPO). Supported site development and executive presentations to venture capitalists.

State of Kentucky Court and DMV: a Division of State Government
Principal-level Management Consultant – 1997 to 2000; Information Technology Practice (2 years) Project Management Practice (3 years). Worked with state level IT to develop implementation plan for new statewide information database for all court and DMV records. Developed plan to relocate local Court Clerk's office into new facilities. Provided detailed facility infrastructure plan to allow implementation of new hard file storage systems, local area data and video network, fire suppression systems and disaster data recovery system.

Industry Experience

Cocoa Beach Plumbing, Inc. A Cocoa Beach, FL based service and new construction plumbing company. Owner, Managing Partner, (2004 – 2007) 25 employees, 12 truck plumbing company. Over \$2.8M in annual sales, primarily in commercial new construction, facility modernization and residential service plumbing. Owned company for 3 years, doubled sales and business value while implementing automated operations, billing, payables and inventory control systems. Sold interest with profit at 5 year high.

Artic Slope Research Corporation, KSC Operations Support & New Technology Development, Scientific Consulting: a Kennedy Space Center, FL-based aerospace and defense company. Senior Project Manager (2002 to 2004); Developed processing, logistics and GSE concepts for Crew Escape Vehicle/Next Generation Vehicle CEV (Space Shuttle Replacement Vehicle) at KSC. Evaluated existing and new launch vehicles for integration and processing concepts for CEV. Led development and installation of Cryo Test Bed at Cape Canaveral Air Force Station, largest liquid Oxygen and Nitrogen quantities in test bed environment on the east coast of the United States.

Estes Homes, Inc., Residential and Commercial Construction: A Central Kentucky based Company. Owner (1994 to 2002), General operation of residential and commercial construction company. Estimate project costs, obtain financing, oversee subcontractors during all phases of construction and marketing homes. Annual sales \$1.2M

McDonnell Douglas Space and Defense Systems Company, Shuttle Payload Ground Operations Division: a Kennedy Space Center, FL-based aerospace and defense company. Senior Manager, Facility Project Management Manager, Electrical Design Engineering (1989 - 1994); Senior Project Manager for the Space Station Processing Facility (SSPF) design, construction and outfitting (\$55M), Hazardous Cleanroom Facility (\$16M), and other facility modifications ranging from \$200K to \$12M. Coordinate architect, construction and outfitting subcontractors, system design engineers and NASA management, conduct status meetings and management reviews. Develop budget estimates; statement of work; work breakdowns; and CPM schedules.

Lockheed Space Company - Ground Operations and Support Operations for Space Shuttle Processing at KSC: a Kennedy Space Center, FL – based aerospace and defense company. Senior Project Engineer (1987 to August 1989); Responsible for all communication, video and encrypted data in new construction and modifications to KSC buildings and systems, ranging from \$50K to \$15M. Negotiate design and statement of work with subcontractors for major facility/system modifications - Launch Pad 39-A, Mobile Launcher-3, Orbiter Processing Facility. Conducted project status and management briefings.

Lockheed Missiles and Space Company – Satellite Control and Tracking Division: a Sunnyvale, California based aerospace and defense company. Mission Controller (1984 -1987); Coordinated flight operations and ground processing teams at various NASA and DOD installations, preflight and “on orbit” support of 14 Space Shuttle/satellite missions. Secret level security clearance.

Staff Resume



International Business Machines (IBM), Personal Computer and Printer Manufacturing; a Lexington, Kentucky – based manufacturing company; Electronics Technician (1983 To 1984); Inspection, calibration and repair of electronic test and production support equipment.

Government Experience

NASA

Kennedy Space Center, Johnson Space Center, Goddard Space Flight Center

Project Management and Integration Management support for Space Shuttle Operations, Space Station Operations and Facilities and DoD Launch Vehicle operations.

United States Air Force.

Satellite Control Facility, Shuttle Payload Mission Management & Control

Served as a subcontractor supporting all DOD/Space Shuttle payloads and IUS payload operations office ground and on orbit operations. Secret level DOD Air Force, Strategic Air Command. Mr. Estes held mission control operations positions in the disciplines of spacecraft tracking, telemetry and control, DOD to NASA liaison for secure Space Shuttle Missions, controlled and configured Ground support and on orbit tracking and data systems.

EDUCATION

Mr. Estes holds a Bachelor of Science degree in Industrial Engineering, with minor study degree in Computer Systems from Eastern Kentucky University, Richmond, KY; pursuing Master of Business Administration from Rollins College, Winter Park, FL and the University of Kentucky, Lexington, KY

Additional specialized training received by Mr. Estes includes:

- Spacecraft Systems, Orbital Operations, and Tracking, Telemetry and Data Systems certification, Lockheed Missile and Space – Aerospace Operations and Control School, Sunnyvale, CA (1984).
- Malcolm Baldrige Award Examiner Training, McDonnell Douglas Aerospace (1993).
- Project Management Institute Member and Certification, (2003).

PROFESSIONAL AFFILIATIONS, AWARDS AND HONORS

Mr. Estes is a member of the Project Management Institute. His awards for management and project management excellence include:

- DOD Astronaut Recognition Medal, 1985
- Appointed Circuit Court Clerk position, KY Circuit Judges, 1996
- Distinguished State Servant, Governor of Kentucky, 1997
- Next Generation Spacecraft, Distinguished Support Medal, 2003