

Mr. Robert Leeney is a retired United States Air Force (USAF) Officer with strong experience managing and leading teams in multiple engineering disciplines to include instrumentation, guidance systems, reliability and Risk Management. Regularly interfacing with senior level executives of major corporations.

- Twenty-four years' experience in managing Risk Management and communication systems, guidance and control systems, aerospace engineering, and interrelationships with Range Safety on several Failure Modes and Effects Analyses (FMEAs) and Single Point Failure (SPF) analysis.
- Business Development experience leading capture of business opportunities within DoD and NASA agencies. Strengths in identifying, pursuing, and qualifying Government procurement opportunities with realistic and achievable capture plans.
- Twelve years proposal evaluation experience in Government sector and sixteen years of proposal preparation experience in commercial sector.

### **International Trade Bridge, Inc. (ITB), Merritt Island, FL (May 2016 – Present)**

*Director of Operations / Business Development Manager/ Program Manager  
(May 2016 – Present)*

- Manage overall company operations to include financial performance of 8+ Task Orders (TOs) under primary NASA Center Wide Environmentally Driven Risk Reduction (EDRR) contract.
  - Provide monthly updates on program risks and opportunities, financial metrics, and assist in daily management of TOs with Program Manager to address contract issues.
- Lead and direct Business Development activity, locate and propose business deals, perform cost/benefit analysis, and negotiate teaming agreements.
  - Program Manager for EDRR contract Aug 2017 – Present. Accountable for on-time and on-budget execution of projects, delivered with high customer satisfaction. Responsible for close-out of Technology Evaluation for Environmental Risk Mitigation (TEERM) Principal Center 10 year Task Order and continuation of NASA Center-Wide Energy and Water Management.
  - Assistant coordinator and facilitator of the annual Partnership for Global Sustainability (PGS) Workshop with participation from International and US Government Agencies, Commercial Companies, Academia (students and faculty), visionaries, and

leaders. This workshop fosters dialogue and collaborative efforts focused on global sustainability initiatives and projects.

### **ARES Corporation, Melbourne, FL**

*Eastern Range Launch and Test Range Systems Integrated Support Contract Program Manager (ER LISC PM) / Risk Management Manager (April 2015 – April 2016)*

- Managed approximately 50 ARES employees on LISC ER as a subcontract to Range Generation Next (RGNext), a joint venture between Raytheon and General Dynamics.
- Oversee expertise in the areas of: Risk Management, Reliability, Availability, and Maintainability (RMA), Operational Availability (Ao), Diminishing Manufacturing Sources and Material Shortages (DMSMS), Launch Performance Analysis (LPA), Configuration Management / Data Management (CM/DM), Range Operations, Range Instrumentation, Maintenance Control Center (MxCC), Depot Level Maintenance (DLM) Scheduling, Requirements Statements (RS), Facilities, Supply, Logistics, and Software Development.
  - Established and Managed Risk Management Program for east and west coast range launch services.

### **United Space Alliance (USA), Senior Reliability Engineer, KSC, FL**

- Performed safety and reliability qualitative risk assessments on new and modified Space Shuttle Program (SSP) ground support and facility systems. Analysis included Criticality Assessments (CAs), FMEAs, Hazard Reports (HRs), and associated Critical Items List (CIL) sheets.
- Led USA's Risk Management proposal generation for AFSPC Satellite Control Network Contract (SCNC) (\$1.7B over 13 years).
- Validated complete program integration and standardization of Risk Management throughout proposal, including coordination with 12 contractors and more than 140 personnel. Risk Management represented 25% of Government proposal evaluation criteria.

### **Air Force, Officer:**

### **Defense Contract Management Command, Chief, Space Electronics Engineer, Waterton, CO**

- Responsible for directing and coordinating team of engineers and quality assurance specialists that reviewed multidisciplinary design, analysis, and test

activities of Lockheed Martin Titan II, Titan IV, Atlas, Centaur, and Evolved Expendable Launch Vehicle (EELV) space programs.

- Directed engineering support on Cassini's launch guidance system integration (\$100M NASA contract).
- Selected by user to perform technical evaluation on \$1.4B Titan Completion Baseline.

## **Air Force, Space Command, Cape Canaveral Air Force Station, FL**

### *Maintenance Training Section Chief*

- Developed and implemented 5th Space Launch Squadron (SLS) maintenance training program for Titan IV, Centaur, and Inertial Upper Stage (IUS). Conducted launch simulation activities for crew readiness.

### *Lead Centaur Electrical Engineer*

- Evaluated Engineering Change Proposals (ECPs), presented engineering studies, and provided technical approval of test procedures used to process Centaur.
- Led technical interchange meetings and system working groups to resolve vehicle navigational, guidance, and instrumentation system anomalies.

## **Air Force, Material Command, Los Angeles AFB, CA**

### *Titan II and Titan IV Launch Vehicle Electrical Engineer Manager*

- Responsible for requirements, planning, technical direction, and management of avionics systems and software for Titan II and Titan IV launch vehicles.

### *Titan II and Titan 34D Launch Vehicle Electrical and Software Manager*

- Responsible for manufacturing, design, and testing of all avionics components, power, and software.

## **PROFESSIONAL AFFILIATIONS**

National Space Club (NSC)

Armed Forces Communications and Electronics Association (AFCEA)

American Institute of Aeronautics and Astronautics (AIAA)