

Mission Assurance

Fact Sheet: 10.17 R2

ITB Experience

Aerospace: ITB has 17 years of continuous safety and mission assurance experience across NASA including the Space Shuttle, Ground System Development and Operations, and the Space Launch System. ITB assists NASA and its aerospace partners in increasing readiness and reliability while reducing safety hazards and ownership costs through process assessments and independent verification of risk-reducing technologies. Areas of particular ITB technical expertise include corrosion control, energy security/surety, and quality assurance.

Military: ITB has 18 years experience assessing risks and identifying and evaluating technologies in support of DoD readiness, sustainability, and the Warfighter. ITB has worked with all branches of the U.S. military and major military contractors on projects to reduce mission risk associated with material obsolescence and reliance on petroleum products. In many of these projects, ITB formulated and managed multi-agency project teams to identify, demonstrate, and transition safer alternatives to hazardous materials or operations. For example, ITB supported the Air Force and NASA in assessing hydrazine treatment technologies and handling procedures for ways to improve the efficiency of hydrazine fueling operations and reduce the production of hazardous waste.

Capabilities

- Risk Management
- Systems Safety
- Reliability
- Quality Assurance
- Material Investigations
- Environmental Engineering

Reducing Risk

ITB ensures the safety and enhances the success of all client activities through the development, implementation, and oversight of client-wide safety, reliability, maintainability, and quality assurance policies and procedures.

