CREW+APOGEE
DESIGN CONSULTING

AEROSPACE / DEFENSE / HIGH-RELIABILITY

CAPABILITY STATEMENT

CREW+ APOGEE DESIGN CONSULTING LLC

Human performance is a system requirement.

WE DESIGN FOR THE HUMAN IN THE SYSTEM.

Crew+ Apogee helps aerospace, defense, and high-reliability teams identify human performance vulnerabilities, evaluate physiological risk, and improve how complex systems are designed, trained, and operated. We translate scientific and operational evidence into practical design, readiness, and safety decisions.

CORE CAPABILITIES

AEROSPACE PHYSIOLOGY & HUMAN PERFORMANCE

Physiological, cognitive, and environmental assessment for aircrew and extreme-environment operators.

HUMAN SYSTEMS INTEGRATION

Human-centered requirements, design reviews, usability assessment, and operational integration.

PHYSIOLOGICAL EVENT MITIGATION

Characterization of physiological risk, causal factors, countermeasures, and prevention strategies.

TRAINING & PERFORMANCE READINESS

Evidence-based training development, evaluation, and optimization for high-consequence work.

RESEARCH, TEST & EVALUATION

Study design, technical review, validation planning, and evidence translation for decision-makers.

MISHAP ANALYSIS & EXPERT CONSULTING

Independent analysis of human performance and physiological factors in investigations and litigation.

WHY CREW+ APOGEE

PHYSIOLOGY + ENGINEERING

Connect biological capabilities and limits with human-centered design and system requirements.

OPERATIONAL CREDIBILITY

Experience across Naval Aviation, flight test, survivability, training, research, and safety.

EVIDENCE INTO ACTION

Translate complex science into usable recommendations, interventions, and defensible conclusions.

INDEPENDENT TECHNICAL ANALYSIS

Evaluate evidence without a predetermined outcome or advocacy-driven interpretation.

LITIGATION & MISHAP SUPPORT

Spatial disorientation, hypoxia, acceleration, fatigue, environmental stress, and survivability. Technical evidence review, expert reports, and testimony within the scope of expertise.

REPRESENTATIVE FOUNDER EXPERIENCE

Amanda F. Lippert, MS, MSEd, CAsP

Board-certified aerospace physiologist | Fellow, Aerospace Medical Association | 25+ years of experience
Professional background spanning Naval Aviation, developmental flight test, operational safety, human survivability, training, and NASA human performance research.

COMPANY & CONTACT

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CONTRACTING CLASSIFICATIONS

NAICS 541690 (Primary)
541330 | 541715 | 611430
UEI JPZGCGEEBLB3

Founder experience reflects prior individual professional work, not corporate past performance of Crew+ Apogee. No endorsement by the Department of Defense, Department of the Navy, NASA, or any former employer is implied.