4.7 Human Factors

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Human factors are a *critical* aspect of aviation safety and effectiveness. Service organizations must assure that planning, analysis, development, implementation, and in-service activities for equipment, software, facilities, and services include human factors engineering to ensure performance requirements and objectives are consistent with human capabilities and limitations. Human factors engineering should be integrated with the systems engineering and development effort throughout the lifecycle management process, starting with concept and requirements definition and continuing through solution implementation and in-service management (Human Factors Guidelines).