

Workshop In Aviation Safety Management: 10-Day Intensive

2027 2027 23 - 12
Seattle, Washington (USA)

UK Traininig

PARTNER



Workshop In Aviation Safety Management: 10-Day Intensive

2022-2023 **1754-1755** **1756-1757** **1758-1759** **1760-1761** **1762-1763** **1764-1765** **1766-1767** **1768-1769** **1770-1771** **1772-1773** **1774-1775** **1776-1777** **1778-1779** **1780-1781** **1782-1783** **1784-1785** **1786-1787** **1788-1789** **1790-1791** **1792-1793** **1794-1795** **1796-1797** **1798-1799** **1800-1801** **1802-1803** **1804-1805** **1806-1807** **1808-1809** **1810-1811** **1812-1813** **1814-1815** **1816-1817** **1818-1819** **1820-1821** **1822-1823** **1824-1825** **1826-1827** **1828-1829** **1830-1831** **1832-1833** **1834-1835** **1836-1837** **1838-1839** **1840-1841** **1842-1843** **1844-1845** **1846-1847** **1848-1849** **1850-1851** **1852-1853** **1854-1855** **1856-1857** **1858-1859** **1860-1861** **1862-1863** **1864-1865** **1866-1867** **1868-1869** **1870-1871** **1872-1873** **1874-1875** **1876-1877** **1878-1879** **1880-1881** **1882-1883** **1884-1885** **1886-1887** **1888-1889** **1890-1891** **1892-1893** 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**2036-2037** **2038-2039** **2040-2041** **2042-2043** **2044-2045** **2046-2047** **2048-2049** **2050-2051** **2052-2053** **2054-2055** **2056-2057** **2058-2059** **2060-2061** **2062-2063** **2064-2065** **2066-2067** **2068-2069** **2070-2071** **2072-2073** **2074-2075** **2076-2077** **2078-2079** **2080-2081** **2082-2083** **2084-2085** **2086-2087** **2088-2089** **2090-2091** **2092-2093** **2094-2095** **2096-2097** **2098-2099** **2100-2101** **2102-2103** **2104-2105** **2106-2107** **2108-2109** **2110-2111** **2112-2113** **2114-2115** **2116-2117** **2118-2119** **2120-2121** **2122-2123** **2124-2125** **2126-2127** **2128-2129** **2130-2131** **2132-2133** **2134-2135** **2136-2137** **2138-2139** **2140-2141** **2142-2143** **2144-2145** **2146-2147** **2148-2149** **2150-2151** **2152-2153** **2154-2155** **2156-2157** **2158-2159** **2160-2161** **2162-2163** **2164-2165** **2166-2167** **2168-2169** **2170-2171** **2172-2173** **2174-2175** **2176-2177** **2178-2179** **2180-2181** **2182-2183** **2184-2185** **2186-2187** **2188-2189** **2190-2191** **2192-2193** **2194-2195** **2196-2197** **2198-2199** **2200-2201** **2202-2203** **2204-2205** **2206-2207** **2208-2209** **2210-2211** **2212-2213** **2214-2215** **2216-2217** **2218-2219** **2220-2221** **2222-2223** **2224-2225** **2226-2227** **2228-2229** **2230-2231** **2232-2233** **2234-2235** **2236-2237** **2238-2239** **2240-2241** **2242-2243** **2244-2245** **2246-2247** **2248-2249** **2250-2251** **2252-2253** **2254-2255** **2256-2257** **2258-2259** **2260-2261** **2262-2263** **2264-2265** **2266-2267** **2268-2269** **2270-2271** **2272-2273** **2274-2275** **2276-2277** **2278-2279** **2280-2281** **2282-2283** **2284-2285** **2286-2287** **2288-2289** **2290-2291** **2292-2293** **2294-2295** **2296-2297** **2298-2299** **2300-2301** **2302-2303** **2304-2305** **2306-2307** **2308-2309** **2310-2311** **2312-2313** **2314-2315** **2316-2317** **2318-2319** 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Day 3: Risk Management in Aviation

- Hazard identification techniques
- Risk assessment methodologies
- Risk mitigation strategies
- Bow-tie analysis for safety management

Day 4: Human Factors in Aviation Safety

- Human performance and limitations
- Crew Resource Management CRM
- Fatigue risk management
- Human error models

Day 5: Safety Culture Development

- Just culture principles
- Safety communication strategies
- Leadership's role in safety culture
- Measuring and improving safety culture

Day 6: Safety Reporting Systems

- Voluntary and mandatory reporting systems
- Confidentiality and non-punitive reporting
- Data collection and analysis
- Feedback mechanisms

Day 7: Safety Performance Monitoring

- Safety performance indicators SPIs
- Safety data analysis techniques
- Trend analysis and forecasting
- Continuous improvement processes

Day 8: Emergency Response Planning

- Components of an effective emergency response plan
- Crisis communication strategies
- Business continuity planning
- Practical emergency response exercises

Day 9: SMS Auditing and Evaluation

- Internal audit processes
- External audits and regulatory oversight
- Gap analysis techniques
- Developing corrective action plans

Day 10: Advanced Topics and Future Trends

- Integration of SMS with other management systems
- Safety management in unmanned aircraft systems UAS
- Applications of artificial intelligence and big data in aviation safety
- Emerging technologies and their impact on safety

Individual Impact

Participants will leave this workshop with:

- A customized SMS implementation plan for their organization.
- A comprehensive risk register with actionable mitigation strategies.
- A safety culture improvement program tailored to their operations.
- A set of safety performance indicators for ongoing monitoring and evaluation.

Organizational Impact

Organizations will benefit from:

- Enhanced operational safety and regulatory compliance.
- A proactive approach to identifying and mitigating risks.
- Strengthened safety culture and leadership engagement.
- Data-driven safety monitoring and continuous improvement processes.

Training Methodology

- Interactive lectures and real-world case studies
- Hands-on exercises and scenario-based workshops
- Group discussions and practical simulations
- Tools and frameworks for SMS implementation and performance monitoring

Beyond the Workshop

By the end of this 10-day program, participants will be ready to:

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- Implement and manage Safety Management Systems effectively.
- Apply risk assessment and human factors analysis to real-world scenarios.
- Develop a positive safety culture across aviation teams.
- Monitor safety performance and implement continuous improvement initiatives.

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