

**14 CFR Part 450 Subpart C Accepted Means of Compliance Table**

This table provides at least one means of compliance for each section in part 450, subpart C.

<b>Section No.</b>	<b>Section Title</b>	<b>Accepted Means of Compliance</b>	<b>Planned Issuance</b>
<b>450.101</b>	<b>Safety Criteria</b>	<i>N/A, except for section below.</i>	
450.101(c)	High Consequence Event Protection	AC 450.101-1 High Consequence Event Protection	Issued 10/20
<b>450.103</b>	<b>System Safety Program</b>	AC 450.103-1 System Safety Program	Q1, 2021
<b>450.107</b>	<b>Hazard Control Strategies</b>	AC 450.107-1 Hazard Control Strategy Determination	Q1, 2021
<b>450.108</b>	<b>Flight Abort</b>	AC 450-108-1 Flight Abort Rule Development	Q1, 2021
450.108(c)(6)	Flight Safety Limit Objectives	<i>Legacy Regulations:</i> § 417.213(a),(b), and (d)	
<b>450.109</b>	<b>Flight Hazard Analysis</b>	AC 450.109-1 Flight Hazard Analysis	Q1, 2021
<b>450.110</b>	<b>Physical Containment</b>	AC 450.110-1 Physical Containment Flight Safety Analysis	Q2, 2021
<b>450.111</b>	<b>Wind Weighting</b>	<i>Legacy Regulations:</i> §§ 415.109(b)(2)(v), 417.125, 417.201(c), 417.233, Appendix C to Part 417	
<b>450.113</b>	<b>Flight Safety Analysis Requirements—Scope and Applicability</b>	<i>N/A</i>	

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<b>450.115</b>	<b>Flight Safety Analysis Methods</b>	AC 450.115-1 High Fidelity Flight Safety Analysis AC 450.115-2 Medium Fidelity Flight Safety Analysis	Issued 10/20 Q3, 2021
<b>450.117</b>	<b>Trajectory Analysis for Normal Flight</b>	AC 450.117-1 Trajectory Analysis	Q2, 2021
<b>450.119</b>	<b>Trajectory Analysis for Malfunction Flight</b>	AC 450.117-1 Trajectory Analysis	Q2, 2021
<b>450.121</b>	<b>Debris Analysis</b>	AC 450.115-1 High Fidelity Flight Safety Analysis AC 450.115-2 Medium Fidelity Flight Safety Analysis	Issued 10/20 Q3, 2021
<b>450.123</b>	<b>Population Exposure Analysis</b>	AC 450.123-1 Population Exposure	Q3, 2021
<b>450.131</b>	<b>Probability of Failure Analysis</b>	AC 450.131-1 Probability of Failure	Q2, 2021
<b>450.133</b>	<b>Flight Hazard Area Analysis</b>	AC 450.115-1 High Fidelity Flight Safety Analysis AC 450.115-2 Medium Fidelity Flight Safety Analysis AC 450.133-1 Airspace and Waterborne Vessel Hazard Areas	Issued 10/20 Q3, 2021 Q2, 2021
<b>450.135</b>	<b>Debris Risk Analysis</b>	AC 450.115-1 High Fidelity Flight Safety Analysis AC 450.115-2 Medium Fidelity Flight Safety Analysis	Issued 10/20 Q3, 2021

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450.137	<b>Far-field Overpressure Blast Effects Analysis</b>	AC 450.137-1 Distance Focusing Overpressure Risk Analysis	Q3, 2021
450.139	<b>Toxic Hazards for Flight</b>	AC 450.139-1 Toxic Hazards Analysis and Thresholds	Q3, 2021
450.139(e)(1)	Airborne Toxic Concentration and Duration Thresholds for Toxic Risk Assessment	Acute Exposure Guideline Level 2 (AEGL-2), Emergency Response Planning Guidelines Level 2 (ERPG-2), or the Short-term Public Emergency Guidance Level (SPEGL)	
450.141	<b>Computing Systems</b>	AC 450.141-1 Computing Systems  AC 450.141-2 Mission Data Loads	Issued 10/20  Q3, 2021
450.143	<b>Safety-Critical System Design, Test, and Documentation</b>	AC 450.143-1 Safety Critical Systems	Q1, 2021
450.145	<b>Highly-Reliable Flight Safety System</b>	Range Commanders Council Standard (RCC) 319-19: Flight Termination Systems Commonality Standard  RCC 324-11: Global Positioning and Inertial Measurements Range Safety Tracking Systems' Commonality Standard <ul style="list-style-type: none"> <li>• For airborne tracking sources</li> </ul> AFSPCI 91-701: Launch and Range Safety Program Policy and Requirements <ul style="list-style-type: none"> <li>• For Flight Safety System related ground systems</li> </ul> AFI 13-602: Ready Spacecrew Program Training <ul style="list-style-type: none"> <li>• For flight abort crew</li> </ul>	

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<b>450.147</b>	<b>Agreements</b>	<i>N/A</i>	
<b>450.149</b>	<b>Safety-Critical Personnel Qualifications</b>	<i>Legacy Regulations:</i> §§ 417.311, 415.113	
<b>450.151</b>	<b>Work Shift and Rest Requirements</b>	AFSPCMAN 91-710 Volume 6: Ground and Launch Personnel, Equipment, Systems, and Material Operations Safety Requirements  <i>Legacy Regulations:</i> § 431.43(c)(4)	
<b>450.153</b>	<b>Radio Frequency Management</b>	<i>Legacy Regulations:</i> § 417.111(f)	
<b>450.155</b>	<b>Readiness</b>	<i>Legacy Regulations:</i> § 417.117	
<b>450.157</b>	<b>Communications</b>	<i>Legacy Regulations:</i> § 417.111(k)	
<b>450.159</b>	<b>Pre-flight Procedures</b>	<i>Legacy Regulations:</i> § 417.121	
<b>450.161</b>	<b>Surveillance and Publication of Hazard Areas</b>	AC 450.161-1 Surveillance and Publication of Hazard Areas	Q2, 2021
<b>450.163</b>	<b>Lightning Hazard Mitigation</b>	AC 450.163-1 Lightning Hazard Mitigation	Q1, 2021
450.163(a)(1)	Lightning Commit Criteria	NASA Standard (NASA-STD) 4010: Lightning Launch Commit Criteria For Space Flight	
<b>450.165</b>	<b>Flight Commit Criteria</b>	<i>N/A</i>	

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<b>450.167</b>	<b>Tracking</b>	AC 450.167-1 Tracking  RCC 324-11: Global Positioning and Inertial Measurements Range Safety Tracking Systems' Commonality Standard <ul style="list-style-type: none"> <li>• For airborne tracking sources</li> </ul> <i>Legacy Regulations:</i> §§ 417.113(c)(2)(iii), 417.307(b)	Q3, 2021
<b>450.169</b>	<b>Launch and Reentry Collision Avoidance Analysis Requirements</b>	AC 450.169-1 Collision Avoidance Analysis	Q3, 2021
<b>450.171</b>	<b>Safety at End of Launch</b>	Inter-Agency Space Debris Coordination Committee (IADC) 02-01: Space Debris Mitigation Guidelines	
<b>450.173</b>	<b>Mishap Plan—Reporting, Response, and Investigation Requirements</b>	AC 450.173-1 Mishap Reporting, Response, and Investigation	Q1, 2021
<b>450.175</b>	<b>Test-induced Damage</b>	AC 450.173-1 Mishap Reporting, Response, and Investigation	Q1, 2021
<b>450.177</b>	<b>Unique Policies, Requirements and Practices</b>	<i>N/A</i>	
<b>450.179</b>	<b>Ground Safety—General</b>	AC 450.179-1 Ground Safety	Q3, 2021
<b>450.181</b>	<b>Coordination with a Site Operator</b>	<i>N/A</i>	

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<b>450.183</b>	<b>Explosive Site Plan</b>	AC 450.179-1 Ground Safety	Q3, 2021
<b>450.185</b>	<b>Ground Hazard Analysis</b>	AC 450.179-1 Ground Safety	Q3, 2021
<b>450.187</b>	<b>Toxic Hazards Mitigation for Ground Operations</b>	AC 450.139-1 Toxic Hazards Analysis and Thresholds	Q3, 2021
450.187(e)(1)	Airborne Toxic Concentration and Duration Thresholds for Toxic Risk Assessment	Acute Exposure Guideline Level 2 (AEGl-2), Emergency Response Planning Guidelines Level 2 (ERPG-2), or the Short-term Public Emergency Guidance Level (SPEGL)	
<b>450.189</b>	<b>Ground Safety Prescribed Hazard Controls</b>	AC 450.179-1 Ground Safety	Q3, 2021