

14 CFR Part 450 Subpart C Accepted Means of Compliance Table

This table provides at least one means of compliance for identified sections of 14 CFR Part 450.

Section No.	Section Title	Accepted Means of Compliance	Issued
450.3	Scope of a Vehicle Operator License	AC 450.3-1 Definition of Launch and Scope of a Vehicle Operator License	9/28/2022
450.101	Safety Criteria	<i>N/A, except for section below.</i>	<i>N/A</i>
450.101(c)(2) and (c)(3)	High Consequence Event Protection	AC 450.101-1B High Consequence Event Protection	4/09/2024
450.103	System Safety Program	AC 450.103-1 System Safety Program	9/07/2021
450.107	Hazard Control Strategies	AC 450.107-1 Hazard Control Strategy Determination	7/27/2021
450.108	Flight Abort	AC 450.108-1 Flight Abort Rule Development	7/27/2021
450.108(c)(6)	Flight Safety Limit Objectives	<i>Legacy Regulations:</i> § 417.213(a),(b), and (d)	<i>N/A</i>
450.109	Flight Hazard Analysis	AC 450.109-1 Flight Hazard Analysis	8/05/2021
450.110	Physical Containment	AC 450.110-1 Physical Containment as a Hazard Control Strategy	9/27/2022
450.111	Wind Weighting	<i>Legacy Regulations:</i> §§ 415.109(b)(2)(v), 417.125, 417.201(c), 417.233, Appendix C to Part 417	<i>N/A</i>
450.117	Trajectory Analysis for Normal Flight	AC 450.117-1 Trajectory Analysis for Normal Flight	8/19/2021

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450.123	Population Exposure Analysis	AC 450.123-1 Population Exposure Analysis	10/12/2022
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)	N/A
450.141	Computing Systems	AC 450.141-1A Computing System Safety Range Commanders Council Standard RCC-319 appendix on Mission Data Loads	8/18/2021
450.145	Highly-Reliable Flight Safety System	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"> For airborne tracking sources AFSPCI 91-701: Launch and Range Safety Program Policy and Requirements <ul style="list-style-type: none"> For Flight Safety System related ground systems AFI 13-602: Ready Spacecrew Program Training <ul style="list-style-type: none"> For flight abort crew 	N/A
450.149	Safety-Critical Personnel Qualifications	<i>Legacy Regulations:</i> §§ 417.311, 415.113	N/A

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450.151	Work Shift and Rest Requirements	AFSPCMAN 91-710 Volume 6, paragraph 5.1.3: Ground and Launch Personnel, Equipment, Systems, and Material Operations Safety Requirements <i>Legacy Regulations:</i> § 431.43(c)(4)	N/A
450.153	Radio Frequency Management	<i>Legacy Regulations:</i> § 417.111(f)	N/A
450.155	Readiness	<i>Legacy Regulations:</i> § 417.117	N/A
450.157	Communications	<i>Legacy Regulations:</i> § 417.111(k)	N/A
450.159	Pre-flight Procedures	<i>Legacy Regulations:</i> § 417.121	N/A
450.161	Surveillance and Publication of Hazard Areas	AC 450.161-1 Control of Hazard Areas	12/21/2022
450.163(a)(1)	Lightning Commit Criteria	NASA Standard (NASA-STD) 4010: Lightning Launch Commit Criteria For Space Flight (latest version that is ACTIVE) <i>Legacy Regulations:</i> Appendix G to Part 417	N/A

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450.167	Tracking	AC 450.167-1 Tracking for Launch and Reentry Safety Analysis RCC 324-11: Global Positioning and Inertial Measurements Range Safety Tracking Systems' Commonality Standard <ul style="list-style-type: none"> For airborne tracking sources <i>Legacy Regulations:</i> §§ 417.113(c)(2)(iii), 417.307(b)	9/29/2022
450.169	Launch and Reentry Collision Avoidance Analysis Requirements	AC 450.169-1 Launch and Reentry Collision Avoidance Analysis	8/10/2023
450.171	Safety at End of Launch	Inter-Agency Space Debris Coordination Committee (IADC) 02-01: Space Debris Mitigation Guidelines	N/A
450.173	Mishap Plan—Reporting, Response, and Investigation Requirements	AC 450.173-1 Part 450 Mishap Plan – Reporting, Response, and Investigation Requirements	8/12/2021
450.179	Ground Safety—General	AC 450.179-1 Ground Safety	9/22/2021
450.181	Coordination with a Site Operator	AC 450.179-1 Ground Safety	9/22/2021

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450.183	Explosive Site Plan	AC 450.179-1 Ground Safety	9/22/2021
450.185	Ground Hazard Analysis	AC 450.179-1 Ground Safety	9/22/2021
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)	<i>N/A</i>
450.189	Ground Safety Prescribed Hazard Controls	AC 450.179-1 Ground Safety	09/21/2021
450.45-2	Compliance when Contracting with a Federal Entity	AC 450.45-2 Compliance when Contracting with a Federal Entity	03/11/2025