



Aviation Life Safety Bureau
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HANGAR PRE-SUBMITTAL CHECKLIST

Date	Process No.	Permit No.	Project No.	Contact Name	
Project Name		Contact Email Address		Contact Telephone No.	
Address		City	State	Zip Code	

NOTE: Please refer to Rule 69A-60.005(2) of the Florida Administrative Code for a listing of publications added to the Florida Fire Prevention Code, Eighth Edition (Effective December 31, 2023).

Hangars (continues)				YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
1	Are the plans signed and sealed by a professional architect or engineer? (The design professional's contact information must be legible.) FS 481.221 or FAC 61G15-30.002 (7)						
2	Are there a minimum two sets of plans being submitted (job copy and office copy)?						
3	If the submittal is for a revision, are the original job copy (or certified microfilm) and two copies of the revision being submitted?						
4	Do the plans indicate the type of construction in accordance with the Florida Building Code?						
5	Is the size and number of hangar fire areas as defined in NFPA 409: 3.3.10 indicated on the plans?						
6	Is the classification of the hangar as specified in NFPA 409 Chapter 4 indicated on the plans?						
7	Are plans or specifications for any features or systems that will be permitted separately, such as fire alarm and fire suppression systems, clearly identified as preliminary or design documents to be permitted separately in accordance with FAC 61G15-30.003 (5) or FS 481.221 (8)?						
8	Are the fire department access roads as required by NFPA 1: 18.2.3 detailed on the site plan?						
9	Are the fire hydrants used to provide the water supply required by NFPA 1: 18.3, any fire department connections, and exterior fire suppression system control valves locations specified on the site plan?						
10	Are the exit discharge paths from the building to the public way shown on the site plan and in compliance with NFPA 101: 7.7?						
11	Are exits arranged to be no farther than 150’ apart along exterior walls or no more than 100’ apart for horizontal exits to other interior areas in accordance with NFPA 101: 40.6.2, 40.6.3, 42.6.1.2, and 42.6.1.3?						
12	Are horizontal exits, when provide, specified to comply with NFPA 101:7.2.4?						
13	Are the components of the means of egress specified in detail in accordance with the relevant sections of NFPA 101 Chapter 7, including but not limited to the doors, stairs, ramps, guards, and handrails as required by FAC 61G15-30.003 (1) and FS 481.221 (8)?						
14	Is the arrangement of the means of egress specified in detail to demonstrate compliance with NFPA 101: 7.5, 40.2.5, 40.6, 42.2.5, 42.6 and 38.2.5 as required by FAC 61G15-30.003(1) and FS 481.221(8)?						

Hangars (continued)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
15	Is the illumination, marking, and emergency lighting specified in detail to demonstrate compliance with NFPA 101: 7.8, 7.9, and 7.10 as required by FAC 61G15-30.003 (1) and FS 481.221 (8)?				
16	Are the locations, quantities, types, and sizes of all portable fire extinguishers specified in accordance with NFPA 1: 13.6 and NFPA 10 as required by FAC 61G15-30.003 (1) and FS 481.221 (8)?				
Group I & Group II Hangars (continues)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
17	Are the construction types limited to Florida Building Code Type I or Type II for Group I hangars and as specified in NFPA 409: 5.1?				
18	Is the internal separation of hangar fire areas, if provided, in accordance with NFPA 409: 5.2.1?				
19	Is the internal separation between aircraft storage and servicing area from other areas in accordance with NFPA 409: 5.2.3 and 5.2.4?				
20	Is the clear space around hangars specified in NFPA 409: 5.3 clearly indicated on the site plan?				
21	Is the hangar floor elevation indicated on the site plan and above the approach or apron in accordance with NFPA 409: 5.4?				
22	Is the slope of the apron away from the hangar and indicated on the site plan in accordance with NFPA 409: 5.11.1?				
23	Are the aircraft parking locations and drainage patterns indicated on the site plan and in accordance with NFPA 409: 5.11.1.3?				
24	Are aircraft fueling locations indicated on the site plan and provided with the slope and drainage specified in NFPA 415 Chapter 5 in accordance with NFPA 409: 5.11.2?				
25	Are roof coverings listed as Class A or Class B in accordance with NFPA 409: 5.5?				
26	Do all structural columns have a 2-hour fire resistive rating or are protected with sprinklers as prescribed in NFPA 409: 5.6?				
27	Is the power supply for hangar doors specified as independent from all other circuits and to not be de-energized by the hangar main disconnect in accordance with NFPA 409: 5.7.2?				
28	Are hangar doors that travel vertically counterbalanced and doors that travel horizontally arranged to open manually or by auxiliary operation in accordance with NFPA 409: 5.7.3?				
29	Are landing gear pits, ducts, and tunnels arranged and protected as required by NFPA 409: 5.9?				
30	Is exposed wall, ceiling, and roof insulation specified to be Class A, Class B, or Class C in accordance with NFPA 101: 40.3.3.2 and 42.3.3.2?				
31	Is the hangar floor pitch, trench drains, and curbs indicated on the plans and in compliance with NFPA 409: 5.11.2.8?				
32	Are the floor pitch and trench drainage system arrangements and calculations to restrict the flow of spilled fuel, collect, contain, and dispose of the fuel, foam, and water from the fire suppression systems in accordance with NFPA 409: 5.11.2 detailed on the plans?				
33	Is the electrical system for the hangar specified as in compliance with NFPA 70 article 513 with the distribution panels, meters, and other electrical equipment located in a room separated from the aircraft storage and servicing area by a 1-hour fire barrier free of openings other than for the electrical raceways in accordance with NFPA 409: 5.13?				
34	Is a lightning protection system in compliance with NFPA 780 specified as required by NFPA 409: 5.14?				
35	Are the aircraft grounding facilities specified in accordance with NFPA 409: 5.15.1?				
36	Is a fire protection system for the aircraft storage and servicing area(s) specified in compliance with NFPA 409 Chapter 6 for Group I hangars or Chapter 7 for Group II hangars?				
37	Is an owner’s certificate that specifies the maximum aircraft wing area and meeting the criteria of NFPA 13: 4.3 attached to the plans?				

Group I & Group II Hangars (continued)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
38	Is supplementary protection specified for all hangars where the owner’s certificate indicates that the aircraft will have a wing area greater than 3,000 sq. ft. in accordance with NFPA 409: 6.2.3.1?				
39	Is the actuation of the fire protection system specified in accordance with NFPA 409: 6.2.8.2, 6.2.8.3, 6.2.8.4, 6.2.8.5, or 7.7 as appropriate?				
40	Are foam-water hand hose systems complying with NFPA 409: 6.2.9.3 and 7.1.3 specified for the aircraft storage and servicing areas?				
41	Is a standpipe system complying with NFPA 14 with hand hose lines specified for all shops, offices, and non-aircraft-storage areas in accordance with NFPA 409: 6.2.9.4?				
42	Is a fire sprinkler system complying with NFPA 13 specified for the offices, shops, and non-aircraft-storage areas in accordance with NFPA 409: 6.2.9.4.1?				
43	Is a water supply complying with NFPA 409: 6.2.10 <u>and</u> fire pumps complying with NFPA 409: 6.10.8 specified for Group I hangars?				
44	Is a water supply complying with NFPA 409: 7.8 specified for Group II hangars?				
45	Is a building fire alarm system complying with NFPA 72 specified where the occupant load exceeds 99 or were the occupant load above or below the level of exit discharge exceeds 24 in accordance with NFPA 101: 40.3.4.1?				
46	Is a dedicated function fire alarm system as defined in NFPA 72 specified to supervise the fire suppression systems in accordance with NFPA 409: 6.2.8, 6.4, 7.7, and NFPA 72?				
47	Is any releasing fire alarm system as defined in NFPA 72 specified in accordance with NFPA 72?				
48	Are all fire alarm devices located on the walls of the aircraft storage and servicing area specified as waterproof in accordance with NFPA 72: 10.4.3?				
Group III Hangars (continues)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
49	Is the internal separation of row hangars in accordance with NFPA 409:8.2 and detailed on the plan?				
50	Is the internal separation between aircraft storage and servicing area and other areas in accordance with NFPA 409: 8.2?				
51	Are the 6” curbs between aircraft spaces required by NFPA 409: 8.1.5 detailed on the plans for row hangars and hangar building clusters?				
52	Is the clear space around hangars specified in NFPA 409: 8.2.1 clearly indicated on the site plan?				
53	Is the hangar floor elevation indicated on the site plan and above the approach or apron in accordance with NFPA 409: 8.1.3?				
54	Is the slope for the apron away from the hangar and indicated on the site plan in accordance with NFPA 409: 8.1.4?				
55	Are the aircraft parking locations and aircraft fueling locations indicated on the site plan and located outside the clear areas required by NFPA 409 Table 8.2.1?				
56	Are roof coverings listed as Class C or better in accordance with NFPA 409: 8.1.7?				
57	Is the electrical system for the hangar specified as in compliance with NFPA 70 article 513 as required by NFPA 409: 8.4?				
58	Is a lightning protection system in compliance with NFPA 780 specified as required by NFPA 409: 8.5?				
59	Are the aircraft grounding facilities specified in accordance with NFPA 409: 8.6?				
60	Is a fire sprinkler system in compliance with NFPA 13 specified were required by the Florida Building Code and NFPA 409: 8.8.1?				
61	Is an owner’s certificate that meets the criteria of NFPA 13: 4.2 attached to the plans when a fire sprinkler system is required?				

Group III Hangars (continued)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
62	Is a building fire alarm system complying with NFPA 72 specified where the occupant load exceeds 99 in accordance with NFPA 101:40.3.4.1?				
63	Are all fire alarm devices located on the walls of the aircraft storage and servicing area specified as waterproof in accordance with NFPA 72: 10.4.3?				
Group IV Hangars (continues)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
64	Are the materials and arrangement used for the permanent membrane structure specified as in accordance with NFPA 101: 11.9 and NFPA 409:9.1?				
65	Is the internal separation of hangar fire areas, if provided, in accordance with NFPA 409:9.2?				
66	Is the clear space around hangars specified in NFPA 409:9.3 clearly indicated on the site plan?				
67	Is the hangar floor elevation indicated on the site plan and above the approach or apron in accordance with NFPA 409:9.4.1?				
68	Is the slope for the apron away from the hangar and indicated on the site plan in accordance with NFPA 409:9.4.2?				
69	Are the aircraft parking locations and aircraft fueling locations indicated on the site plan and located outside the clear areas required by NFPA 409:9.3?				
70	Is the power supply for hangar doors specified as independent from all other circuits and to not de-energized by the hangar main disconnect in accordance with NFPA 409:9.5.2?				
71	Are hangar doors that travel vertically counterbalanced and doors that travel horizontally arranged to open manually or by auxiliary operation in accordance with NFPA 409:9.5.3?				
72	Are landing gear pits, ducts, and tunnels arranged and protected as required by NFPA 409:9.7?				
73	Is exposed wall, ceiling, and roof insulation specified to be Class A, Class B, or Class C in accordance with NFPA 101: 40.3.3.2 and 42.3.3.2?				
74	In hangars greater than 12,000 feet square, are the hangar floor pitch, trench drains, and curbs indicated on the plans and in compliance with NFPA 409:5.11.2.8?				
75	In hangars greater than 12,000 feet square, are the floor pitch and trench drainage system arrangements and calculations to restrict the flow of spilled fuel, collect, contain, and dispose of the fuel, foam, and water from the fire suppression systems in accordance with NFPA 409: 5.11.2 detailed on the plans?				
76	Is the electrical system for the hangar specified as in compliance with NFPA 70 article 513 with the distribution panels, meters, and other electrical equipment of hangars greater than 12,000 sq. ft. located in a room separated from the aircraft storage and servicing area by a 1-hour fire barrier free of openings other than for the electrical raceways in accordance with NFPA 409: 9.11.2 and 9.11.3?				
77	Are the aircraft grounding facilities specified in accordance with NFPA 409:9.12?				
78	Is a fire protection system for the aircraft storage and servicing area(s) specified and in compliance with NFPA 409:9.14?				
79	Is an owner’s certificate that meets the criteria of NFPA 13: 4.2 attached to the plans when a fire sprinkler system is required?				
80	Is the actuation of the fire protection system specified in accordance with NFPA 409:9.14.10.1?				
81	Are foam-water hand hose systems complying with NFPA 409:9.14.11.3 specified for the aircraft storage and servicing areas in hangars greater than 12,000 sq. ft.?				
82	Is a standpipe system complying with NFPA 14 with hand hose lines specified for all shops, offices, and non-aircraft-storage areas in accordance with NFPA 409:9.14.11.1 in hangars greater than 12,000 sq. ft.?				
83	Is a water supply complying with NFPA 409:9.14.12 specified for hangars with fire protection systems?				
84	Is a building fire alarm system complying with NFPA 72 specified where the occupant load exceeds 99 in accordance with NFPA 101:40.3.4.1?				

Group IV Hangars (continued)		YES	NO	N/A	SHEET(S) SPECIFIED / COMMENTS
85	Are all fire alarm devices located on the walls of the aircraft storage and servicing area specified as waterproof in accordance with NFPA 72: 10.4.3?				

Designer

Signature

Email Address

Contact No.