

Limitation Section. The procedure used to establish the maximum allowable number of start-stop stress cycles for the fan blade retention system will incorporate the integrity requirements in paragraphs (c)(1), (2), and (3) of these special conditions for the fan blade retention system.

(1) An engineering plan, which establishes and maintains that the combinations of loads, material properties, environmental influences, and operating conditions, including the effects of parts influencing these parameters, are well known or predictable through validated analysis, test, or service experience.

(2) A manufacturing plan that identifies the specific manufacturing constraints necessary to consistently produce the fan blade retention system with the attributes required by the engineering plan.

(3) A service management plan that defines in-service processes for maintenance and repair of the fan blade retention system, which will maintain attributes consistent with those required by the engineering plan.

(d) Substantiate by test and analysis, or other methods acceptable to the FAA, that the blade design below the inner annulus flow path line provides multiple load paths and/or crack arresting features that prevent delamination or crack propagation to blade failure during the life of the blade.

(e) Substantiate that, during the service life of the engine, the total probability of the occurrence of a hazardous engine effect defined in § 33.75 due to an individual blade retention system failure resulting from all possible causes will be extremely improbable, with a cumulative calculated probability of failure of less than 10^{-9} per engine flight hour.

(f) Substantiate by test or analysis that not only will the engine continue to meet the requirements of § 33.75 following a lightning strike on the composite fan blade structure, but that the lightning strike will not cause damage to the fan blades that would prevent continued safe operation of the affected engine.

(g) Account for the effects of in-service deterioration, manufacturing variations, minimum material properties, and environmental effects during the tests and analyses required by paragraphs (a), (b), (c), (d), (e), and (f) of these special conditions.

(h) Propose fleet leader monitoring and field sampling programs that will monitor the effects of engine fan blade usage and fan blade retention system integrity.

(i) Mark each fan blade legibly and permanently with a part number and a serial number.

Issued in in Des Moines, Washington, on July 30, 2025.

Michael T. Thompson,

*Acting Manager, Technical Policy Branch,
Policy and Standards Division, Aircraft
Certification Service.*

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DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 100

[Docket No. USCG–2025–0576]

Special Local Regulations; Women Swimmin' for Hospicare Eastern Great Lakes COTP Zone

AGENCY: Coast Guard, DHS.

ACTION: Notification of enforcement of regulation.

SUMMARY: The Coast Guard will enforce special local regulations for the Women Swimmin' for Hospicare on August 9, 2025, to provide for the safety of life on navigable waterways during this event. Our regulation for marine events within the Great Lakes Coast Guard District identifies the regulated area for this event in Ithaca, New York. During the enforcement periods, the operator of any vessel in the regulated area must comply with directions from the Patrol Commander or any Official Patrol displaying a Coast Guard ensign.

DATES: The regulations in 33 CFR 100.901 will be enforced for the Women Swimmin' for Hospicare regulated area listed in item 4 in Table 1 to § 100.901 from 6:00 a.m. to 12:00 p.m. on August 9, 2025.

FOR FURTHER INFORMATION CONTACT: If you have questions about this notification of enforcement, call or email MST2 Vladimir Ratikan, Marine Safety Unit Thousand Islands, U.S. Coast Guard; telephone 315–322–8168, email Vladimir.D.Ratikan@uscg.mil.

SUPPLEMENTARY INFORMATION: The Coast Guard will enforce special local regulations in 33 CFR 100.901 for the Women Swimmin' for Hospicare regulated area listed in item 4 in Table 1 to § 100.901 from 6:00 a.m. to 12:00 p.m. on August 9, 2025. This action is being taken to provide for the safety of life on navigable waterways during this event. Our regulation for marine events within the Great Lakes Coast Guard District, item 4 in Table 1 to § 100.901,

specifies the location of the regulated area Woman Swimmin' for Hospicare which encompasses portions of the Cayuga Lake. During the enforcement periods, as reflected in § 100.901, if you are the operator of a vessel in the regulated area you must comply with directions from the Patrol Commander or any Official Patrol displaying a Coast Guard ensign.

In addition to this notification of enforcement in the **Federal Register**, the Coast Guard plans to provide notification of this enforcement period via the Local Notice to Mariners, and Broadcast Notice to Mariners.

Dated: July 28, 2025.

M. J. Walter,

Captain, U.S. Coast Guard, Captain of the Port Eastern Great Lakes.

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DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 165

[Docket No. USCG–2025–0661]

Safety Zone; Lakeshore State Park, Milwaukee, WI

AGENCY: Coast Guard, DHS.

ACTION: Notification of enforcement of regulation.

SUMMARY: The Coast Guard will enforce the Safety Zone, Lakeshore State Park, Milwaukee, WI on a portion of Lake Michigan in Milwaukee, WI. This action is intended to protect personnel, vessels, and the marine environment from potential hazards created by multiple triathlon swimming events. During the enforcement period listed below, entry into, transiting, or anchoring within the safety zone is prohibited unless authorized by the Captain of the Port Lake Michigan or a designated representative.

DATES: The regulations in 33 CFR 165.929 will be enforced for the Lakeshore State Park regulated area listed in item 2 in Table 4 to § 165.929 from 5 a.m. on August 8, 2025 to 6 p.m. on August 10, 2025.

FOR FURTHER INFORMATION CONTACT: If you have questions about this proposed rulemaking, call or email Lieutenant Commander Jessica Anderson, Sector Lake Michigan Waterways Management Division, U.S. Coast Guard; telephone 414–216–8428, email: D09-SMB-SECLAKEMICHIGAN-WWM@uscg.mil.