

87-15-05 R1

Amendment 39-5658 as amended by Amendment 39-5764.

Applies to Hartzell Models HC-B4TN-5()L/LT10574(B,K), LT1O574A(B,K), and LT1O574A(S)(B,K) propellers installed on Dornier Model 228-100 and -200 series airplanes.

Compliance required as indicated unless already accomplished.

To prevent propeller mid-blade failure which could result in engine separation from the aircraft, accomplish the following:

- (a) After the effective date of this amended AD, the following applies:
- (1) Following the last flight of each day, except when compliance with Paragraph (a)(2) of this AD is required, visually check the Models LT10574(B,K), LT1O574A(B,K), and LT1O574A(S)(B,K) blades in accordance with Paragraph a, of Hartzell Service Bulletin (SB) No. 140C, dated September 30, 1987. Blades found to have evidence of cracks must be removed from service, and all blades in the affected propeller assembly must be replaced with Model LT10574A(B,K) or LT1O574A(S)(B,K) blades, as applicable, prior to further flight.

NOTE: The checks required above may be performed by the pilot and must be recorded in accordance with FAR 43.9 and maintained as required by FAR's 91.173, 121.380, or 135.439.

- (2) Following the last flight of the fourth flight day, visually inspect the Models LT1O574(B,K), LT1O574A(B,K), and LT1O574A(S)(B,K) blades in accordance with Paragraph b of Hartzell SB No. 140C, dated September 30, 1987, and thereafter at intervals not to exceed 4 flight days from the last inspection. Blades found to have evidence of cracks must be removed from service, and all blades in the affected propeller assembly must be replaced with Model LT1O574A(B,K) or LT1O574A(S)(B,K) blades, as applicable, prior to further flight.
- (b) Within the next 100 hours time in service after the effective date of this amended AD, and at intervals not to exceed 100 hours time in service thereafter, inspect the Model LT1O574(B,K), LT1O574A(B,K), and LT1O574A(S)(B,K) blades in accordance with Paragraph c of Hartzell SB No. 140C, dated September 30, 1987. Blades found to have evidence of cracks must be removed from service and all blades in the affected propeller assembly must be replaced with Model LT1O574A(B,K) or LT1O574A(S)(B,K) blades, as applicable, prior to further flight.
- (c) At the next propeller overhaul, replace the Model LT1O574(B,K) blades with Model LT1O574A(B,K) or Model LT1O574A(S)(B,K) blades, as applicable.

Hartzell SB No. 140C, dated September 30, 1987, identified and described in this document is incorporated herein and made a part hereof pursuant to 5 U.S.C. 552(a)(1). All persons affected by this directive, who have not already received this document from the manufacturer, may obtain copies upon request to Hartzell Propeller, Inc., 1800 Covington Avenue, Pique, Ohio 45356. This document may be examined at the Office of the Regional Counsel, Federal Aviation Administration, New England Region, 12 New England Executive Park, Burlington, Massachusetts 01803, Room 311, Rules Docket No. 87-ANE-21, weekdays, except federal holidays, between 8:00 a.m. and 4:30 p.m.

This amendment, 39-5764, amends Amendment 39-5658, AD 87-15-05.

Amendment 39-5764 becomes effective on December 2, 1987.