

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

2. Section 39.13 is amended by adding a new airworthiness directive to read as follows:

**2003-04-22 Hartzell Propeller Inc.:**

Amendment 39-13071. Docket No. 2000-NE-60-AD.

**Applicability:** This airworthiness directive (AD) is applicable to Hartzell Propeller Inc. model HD-E6C-3B/E13890K propellers with certain serial numbers of model D-1199-2 Propeller Control Units (PCU's) installed, as listed in Table 1 of this AD. These propellers are installed on, but not limited to Fairchild Dornier GmbH 328-100 series airplanes.

**Note 1:** This airworthiness directive (AD) applies to each propeller identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For propellers that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (g) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe

condition has not been eliminated, the request should include specific proposed actions to address it.

**Compliance:** Compliance with this AD is required as indicated, unless already done.

To prevent below-limit flight idle propeller blade angles that, if not corrected, could result in degraded aircraft performance and control, do the following:

**Initial and Repetitive Inspection Requirements**

(a) On PCU's listed by serial number in the following Table 1 of this AD, at the next "2A" maintenance check, but no later than 600 hours time-in-service from the effective date of this AD, perform an initial flight idle blade angle inspection, in accordance with paragraph 2A. of the Accomplishment Instructions of Hartzell Service Bulletin (SB) No. HD-SB-61-025, Revision 1, dated December 20, 2000. Table 1 follows:

TABLE 1.—AFFECTED SERIAL NUMBERS, MODEL D-1199-2 PCU'S

PCU-A-29	PCU-A-EFS140	PCU-A-EFS194	PCU-A-EFS234	PCU-A-EFS284
PCU-A-31	PCU-A-EFS141	PCU-A-EFS204	PCU-A-EFS236	PCU-A-EFS290
PCU-A-44	PCU-A-EFS144	PCU-A-EFS207	PCU-A-EFS239	PCU-A-EFS292
PCU-A-46	PCU-A-EFS152	PCU-A-EFS208	PCU-A-EFS242	PCU-A-EFS293
PCU-A-53	PCU-A-EFS155	PCU-A-EFS210	PCU-A-EFS244	PCU-A-EFS294
PCU-A-54	PCU-A-EFS158	PCU-A-EFS212	PCU-A-EFS245	PCU-A-EFS302
PCU-A-57	PCU-A-EFS160	PCU-A-EFS213	PCU-A-EFS246	PCU-A-EFS307
PCU-A-58	PCU-A-EFS162	PCU-A-EFS214	PCU-A-EFS249	PCU-A-EFS319
PCU-A-59	PCU-A-EFS165	PCU-A-EFS218	PCU-A-EFS250	PCU-A-EFS320
PCU-A-EFS101	PCU-A-EFS182	PCU-A-EFS220	PCU-A-EFS257	PCU-A-EFS326
PCU-A-EFS106	PCU-A-EFS184	PCU-A-EFS223	PCU-A-EFS261	PCU-A-EFS328
PCU-A-EFS109	PCU-A-EFS185	PCU-A-EFS224	PCU-A-EFS266	PCU-A-EFS330
PCU-A-EFS110	PCU-A-EFS187	PCU-A-EFS225	PCU-A-EFS268	PCU-A-EFS340
PCU-A-EFS111	PCU-A-EFS188	PCU-A-EFS226	PCU-A-EFS269	PCU-A-EFS347
PCU-A-EFS120	PCU-A-EFS192	PCU-A-EFS228	PCU-A-EFS271	
PCU-A-EFS122	PCU-A-EFS193	PCU-A-EFS233	PCU-A-EFS279	

(b) Remove PCU's that fail the inspection in paragraph (a) of this AD and perform a Major Periodic Inspection (overhaul), in accordance with paragraphs 2.B. and 2.C. of the Accomplishment Instructions of Hartzell SB No. HD-SB-61-025, Revision 1, dated December 20, 2000, or replace with a serviceable PCU.

(c) Thereafter, at each successive "4A" maintenance check, but not to exceed 1,200 hours time-in-service, perform the flight idle blade angle inspection until the limiting time-since-overhaul or time-since-new is reached, as specified in Hartzell SB HD-SB-

61-025, Revision 1, dated December 20, 2000.

(d) Remove PCU's that fail the inspection in paragraph (c) of this AD and perform a Major Periodic Inspection (overhaul), in accordance with paragraphs 2.B. and 2.C. of Hartzell SB No. HD-SB-61-025, Revision 1, dated December 20, 2000, or replace with a serviceable PCU.

(e) Once the limiting time-since-overhaul or time-since-new specified in Hartzell SB HD-SB-61-025, Revision 1, dated December 20, 2000 is reached, remove the PCU from service and perform a Major Periodic

Inspection (overhaul), in accordance with paragraphs 2.B. and 2.C. of Hartzell SB HD-SB-61-025, Revision 1, dated December 20, 2000.

**Optional Terminating Action**

(f) Replacement with a serviceable PCU is terminating action for the repetitive inspections specified in paragraph (c) of this AD. For the purpose of this AD, a serviceable PCU is one that is not listed in Table 1 of this AD, or is one listed in Table 1 of this AD that has undergone a Major Periodic Inspection (overhaul) after November 17, 2000, in