

proposes to amend 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. FAA amends § 39.13 by removing Airworthiness Directive (AD) 97–22–16, Amendment 39–10187 (62 FR 58894, October 31, 1997), and by adding a new AD to read as follows:

**Raytheon Aircraft Company:** Docket No. 2003–CE–16–AD; Supersedes AD 97–22–16, Amendment 39–10187.

(a) *What airplanes are affected by this AD?*

This AD affects the following airplane models and serial numbers that are:

- (1) Certificated in any category; and
- (2) Equipped with vent blower assembly, part number 114–380028–1, 114–380028–3, 114–380028–5, or 114–380028–7.

Model	Serial Nos.
1900 .....	UA–3.
1900C .....	UB–1 through UB–74 and UC–1 through UC–174.
1900 (C–12J) .....	UD–1 through UD–6.
1900D .....	UE–1 through UE–427.

(b) *Who must comply with this AD?*

Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD.

(c) *What problem does this AD address?*

The actions specified by this AD are intended to prevent smoke from entering the cockpit and cabin due to the current configuration of vent blower assemblies, which could result in the pilot becoming incapacitated or impairing his/her judgment. Such a condition could lead to the pilot not being able to make critical flight safety decisions and result in loss of control of the airplane.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Check the maintenance records to determine if a part number (P/N) 114–380028–1, 114–380028–3, 114–380028–5, or 114–380028–7 ventilation blower assembly is installed.	Within the next 800 hours time-in-with service (TIS) after the effective date of this AD, unless already accomplished.	In accordance Raytheon Aircraft Mandatory Service is Bulletin SB 21–3448, Issued: October, 2002. The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may perform this check.
(2) If, by checking the maintenance records, the owner/operator can definitely show that a P/N 114–380028–1, 114–380028–3, 114–380028–5, or 114–380028–7 ventilation blower assembly is not installed, no further action is required by this AD. Make an entry into the aircraft records showing compliance with this portion of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).	Prior to further flight after the maintenance records check required in paragraph (d)(1) of this AD.	The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may perform this check.
(3) If, by checking the maintenance records, the owner/operator can definitely show that a P/N 114–380028–1, 114–380028–3, 114–380028–5, or 114–380028–7 ventilation blower assembly is installed, accomplish the following for each P/N: <ul style="list-style-type: none"> <li>(i) <i>P/N 114–380028–1:</i> modify in accordance with Raytheon Service Bulletin No. 2721, Issued: January, 1997, prior to incorporating Electromechanic Technologies Modification Kit No. P/N 630–203–01 and changing the P/N to 114–380028–11.</li> <li>(ii) <i>P/N 114–380028–3:</i> incorporate Advanced Industries Modification Kit No. P/N BC80A–901–3 and change the P/N to 114–380028–9.</li> <li>(iii) <i>P/N 114–380028–5 with a serial number (S/N) of 2162 or above or with a S/N of 2162 with an “A” suffix:</i> no modification is required. Change the part number to 114–380028–11 and make an entry into the aircraft records that shows compliance with this portion of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).</li> </ul>	Accomplish all modifications prior to further flight after the maintenance check required in paragraph (d)(1) unless already accomplished.	In accordance with Raytheon Aircraft Mandatory Service Bulletin SB 21–3448, Issued: October, 2002, and Raytheon Service Bulletin No. 2721, Issued: January, 1997.