

Actions	Compliance	Procedures
(4) Do not install, on any affected airplane, any KGS Electronics AC inverter with a S/N between 306 through 803 not identified as Mod 2DD.	As of April 21, 2003 (the effective date of this AD).	Not Applicable.

(f) *What actions must I accomplish to address this problem if I have a Group 3 airplane?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Inspect the AC inverter to determine if the KGS Electronics AC Inverter part number (P/N) SPC-10(PW), with a serial number in the range of 306 through 803, is installed and is identified as Mod 2DD. (i) This may be accomplished by checking the logbook and positively showing that a Mod 2DD inverter is installed. A person holding a pilot's certificate may accomplish this check. (ii) If, by checking the airplane logbook or visual inspection, it can be positively shown that the Mod 2DD inverter is installed, then the requirements of paragraph (f)(2) of this AD do not apply. You must 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).	Within 6 months after April 21, 2003 (the effective date of this AD).	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Aircraft Service Bulletin SB 24-3215, Rev. 1, June 2001.
(2) If during the inspection required in paragraph (f)(1), it is found that the Mod 2DD inverter is not installed, accomplish the AC inverter modification.	Before further flight after the paragraph (f)(1) inspection of this AD.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Aircraft Service Bulletin SB 24-3215, Rev. 1, June 2001, and the Model 1900D Airliner Maintenance Manual.
(3) Do not install, on any affected airplane, any KGS Electronics AC inverter with serial number in the range of 306 through 803 not identified as Mod 2DD.	As of April 21, 2003 the effective date of this AD).	Not Applicable.

Note 2: An owner/operator of an airplane assigned to a Group may disregard the above Group paragraphs that do not apply to his/her airplane.

(g) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

(1) Your alternative method of compliance provides an equivalent level of safety; and
(2) The Manager, Wichita Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

Note 3: This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes 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 you have not eliminated the unsafe condition, specific actions you propose to address it.

(h) *Where can I get information about any already-approved alternative methods of compliance?* Contact Todd Dixon, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4152; facsimile: (316) 946-4407.

(i) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(j) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with Raytheon Aircraft Service Bulletin SB 24-3215, Rev. 1, June 2001. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You may get copies from Raytheon Aircraft Company, 9709 E. Central, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You may view copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC.

(k) *When does this amendment become effective?* This amendment becomes effective on April 21, 2003.

Issued in Kansas City, Missouri, on February 21, 2003.

Michael Gallagher,
Manager, Small Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NE-18-AD; Amendment 39-13074; AD 2003-04-25]

RIN 2120-AA64

Airworthiness Directives; Dowty Aerospace Propellers, Models R354, R375, R389, and R390 Propellers

AGENCY: Federal Aviation Administration, DOT.