

Actions	Compliance	Procedures
<p>(3) Inspect the AC inverter to determine if STC #SA00245WI-D is installed.</p> <p>(i) This may be accomplished by checking the logbook and positively showing that STC #SA00245WI-D has never been installed. A person holding a pilot's certificate may accomplish this check.</p> <p>(ii) If, by checking the logbook or visual inspection, it can be positively shown that STC #SA00245WI-D has never been installed, then the requirements of paragraph (d)(4) 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).</p>	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.
<p>(4) If during the inspection required in paragraph (d)(3), STC #SA00245WI-D is found installed, accomplish the AC inverter sync wire shield modification.</p>	Before further flight after the paragraph (d)(3) 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.
<p>(5) 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.</p>	As of April 21, 2003 (the effective date of this AD).	Not Applicable.
<p>(6) Do not install STC #SA00245WI-D on any airplane unless the AC inverter modification required in paragraph (d)(4) of this AD is accomplished.</p>	As of 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, and the Model 1900D Airliner Maintenance Manual.

(e) *What actions must I accomplish to address this problem if I have a Group 2 airplane?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
<p>(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.</p> <p>(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.</p> <p>(ii) If, by checking the airplane logbook or visual inspection, it can be positively shown that a Mod 2DD inverter is installed, then the requirements of paragraph (e)(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).</p>	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.
<p>(2) If during the inspection required in paragraph (e)(1), a Mod 2DD inverter is not installed, accomplish the AC inverter modification.</p>	Before further flight after the paragraph (e)(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.
<p>(3) Accomplish the AC inverter sync wire shield modification.</p>	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, and the Model 1900D Airliner Maintenance Manual.