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# LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR  
  
JANAERO -1

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Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

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## 96-104 KONTROLL OG UTSKIFTING AV BRENNKAMMER

### Påbudet gjelder:

Janaero Devices (tidl. Janitrol, C&D, FL Aerospace, and Midland-Ross Corp.).

### Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 96-20-07.

*Anm.: Denne LDP erstatter og opphever LDP 35A/82. (Janitrol -1).*

### Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av FAA AD 96-20-07, med virkning fra denne LDP's gyldighetsdato.

### Referanse:

FAA AD 96-20-07.

### Gyldighetsdato:

01.11.96.

# AIRWORTHINESS DIRECTIVE

REGULATORY SUPPORT DIVISION  
P.O. BOX 26460  
OKLAHOMA CITY, OKLAHOMA 73125-0460



Bilag til LDP 96-104

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

**96-20-07 JANAERO DEVICES (formerly Janitrol, C&D, FL Aerospace, and Midland-Ross Corporation):**  
Amendment 39-9773; Docket No. 95-CE-83-AD; Supersedes AD 82-07-03, Amendment 39-4354.

Applicability: B-Series combustion heaters, Models B1500, B2030, B3040, and B4050, marked as meeting the standards of TSO-C20, that do not incorporate a ceramic combustion tube and a part number (P/N) 94E42 combustion air pressure switch, and are installed on, but not limited to, the following aircraft (all serial numbers), certificated in any category:

<b>Manufacturer</b>	<b>Models and Series Model Airplanes</b>
Beech	Models 95-B55 Series, 58, 58TC, 58P, 60, A60, and 76.
Canadair	Models CL-215, CL-215T, and CLT-415.
Cessna	Models 208, 303, 310F, 310G, 310H, 310I, 310J, 310K, 310L, 310M, 310N, 310O, 310P, 320C, 320D, 320E, 320F, 337 series, 340 340A, 414, 414A, 421, 421A, 421B, and 421C.

NOTE 1: B-Series combustion heaters, Models 2500, B3500, and B4500, incorporate a ceramic-coated combustion tube and new combustion air pressure switch, P/N 94E42. This AD does not apply to this configuration.

NOTE 2: This AD applies to each aircraft 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 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 (d) 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: Required as follows, as applicable:

- For aircraft with 450 or more heater hours time-in-service (TIS) (see NOTE 3 for information on how to determine heater hours TIS) accumulated on an installed heater since the last overhaul or new installation, within the next 50 heater hours TIS or 12 calendar months after the effective date of this AD, whichever occurs first, unless already accomplished, and thereafter at intervals not to exceed 100 heater hours TIS or 24 calendar months, whichever occurs first;

- For aircraft with less than 450 heater hours TIS accumulated on an installed heater since the last overhaul or new installation, upon accumulating 500 heater hours TIS on the new or overhauled heater or within the next 12 calendar months after the effective date of this AD, whichever occurs first, unless already accomplished, and thereafter at intervals not to exceed 100 heater hours TIS or 24 calendar months, whichever occurs first; and

- Upon installing one of the affected heaters, and thereafter at intervals not to exceed 100 heater hours TIS or 24 calendar months, whichever occurs first.

NOTE 3: A heater hour meter may be used to determine heater hours TIS. Also, aircraft hours TIS may be divided in half to come up with heater hours TIS.

To prevent an airplane fire or explosion caused by failure of the heater combustion tube assembly or combustion air pressure switch, accomplish the following:

(a) Test (pressure decay test) the combustion tube of the heater and conduct an operational test of the combustion air pressure switch in accordance with Section III, paragraph 3.3.1 through 3.3.13 (pressure decay test) and Section IV, paragraph 4.9c (operational switch test), of the Janitrol Maintenance and Overhaul Manual, part number (P/N) 24E25-1, dated October 1981.

(1) If any heater does not pass any of the repetitive combustion tube pressure decay tests required by this AD, prior to further flight, overhaul the heater and replace the combustion tube with a serviceable tube or replace the heater assembly. If the new or rebuilt heater assembly incorporates a ceramic combustion tube, then the repetitive pressure decay tests are no longer required.

(2) If any heater does not pass any of the repetitive combustion air pressure switch operational tests required by this AD, prior to further flight, replace the switch with one of the same design or with a P/N 94E42 switch in accordance with JanAero Devices Service Bulletin # A-103, dated September 1995. Replacing the combustion air pressure switch with a P/N 94E42 switch eliminates the repetitive operational testing requirement of this AD.

(b) As an alternative method of compliance to the requirements of this AD, the heater may be disabled by accomplishing the following:

- (1) Cap the fuel supply line;
- (2) Disconnect the electrical power and ensure that the connections are properly secured to reduce the possibility of electrical spark or structural damage;
- (3) Inspect and test to ensure that the cabin heater system is disabled;
- (4) Ensure that no other aircraft system is affected by this action;
- (5) Ensure there are no fuel leaks; and
- (6) Fabricate a placard with the words: "System Inoperative". Install this placard at the heater control valve within the pilot's clear view.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

(d) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Atlanta Aircraft Certification Office (ACO), Campus Building, 1701 Columbia Avenue, suite 2-160, College Park, Georgia 30337-2748. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta ACO. Alternative methods of compliance for the combustion tube repetitive inspections required by this AD that are approved in accordance with AD 82-07-03 (superseded by this action) are approved as alternative methods of compliance with the applicable portion of paragraph (a) of this AD.

NOTE 4: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Atlanta ACO.

(e) The possible switch replacement required by this AD shall be done in accordance with JanAero Devices Service Bulletin # A-103, dated September 1995. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from JanAero Devices, Airport Complex, P.O. Box 273, Fort Deposit, Alabama 36032. Copies may be inspected at the FAA, Central Region, Office of the Assistant Chief Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(f) This amendment (39-9773) supersedes AD 82-07-03, Amendment 39-4354.

(g) This amendment becomes effective on November 14, 1996.

**FOR FURTHER INFORMATION CONTACT:**

Ms. Linda Haynes, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, Campus Building, 1701 Columbia Avenue, suite 2-160, College Park, Georgia 30337-2748; telephone (404) 305-7377; facsimile (404) 305-7348.

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TILBEHØR  
  
JANAERO - 2

## LUFTDYKTIGHETSPÅBUD (LDP)

Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets bemyndigelse av 25. mars 1994, fastsetter Luftfartstilsynet følgende forskrift om luftdyktighet.

### 2001-030 KONTROLL AV BRENNSTOFFREGULATOR

#### Påbudet gjelder:

JanAero Devices brennstoffregulatorer som beskrevet i vedlagte kopi av FAA AD 2001-08-01.

#### Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 2001-08-01.

#### Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av FAA AD 2001-08-01, med virkning fra denne LDP's gyldighetsdato.

#### Referanse:

FAA AD 2001-08-01.

#### Gyldighetsdato:

2001-05-09.

# AIRWORTHINESS DIRECTIVE



Aircraft Certification Service  
Washington, DC

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

We post ADs on the internet at "[av-info.faa.gov](http://av-info.faa.gov)"

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

## 2001-08-01 JANAERO DEVICES: Amendment 39-12178; Docket No. 2001-CE-02-AD.

(a) What airplanes are affected by this AD? This AD applies to airplanes equipped with JanAero Series 14D11 or 23D04 fuel regulator and shutoff valves installed with the following B-Series combustion heaters.

(1) Affected B-Series combustion heater models: B1500, B2030, B2500, B3040, B3500, B4050, and B4500.

(2) The following is a list of airplanes where the B-Series combustion heater could be installed. This is not a comprehensive list and airplanes not on this list that have the heater installed through field approval or other methods are still affected by this AD:

Manufacturer	Airplane Model
Beech	95-B55 Series, 58, 58TC, 58P, 60, A60, and 76
Canadair	CL-215, CL-215T, and CLT-415
Cessna	208, 303, 310F, 310G, 310H, 310I, 310J, 310K, 310L, 310M, 310N, 310O, 310P, 3210C, 320D, 320E, 320F, 337 Series, 340, 340A, 414, 414A, 421, 421A, 421B, and 421C
Piper	PA-23, PA-30, PA-31 Series, PA-34, and PA-44

(b) Who must comply with this AD? Anyone who wishes to operate any airplane that is equipped with one of the above referenced JanAero combustion heaters must comply with this AD.

(c) What problem does this AD address? The actions specified by this AD are intended to prevent fuel leakage into the combustion heater, which could result in a hazardous fire.

(d) What must I do to address this problem? To address this problem, unless already done, you must do the following actions:

Action	Compliance Time	Procedures
(1) Visually inspect the installed fuel regulator and shutoff valve used with JanAero Devices Combustion Heaters, Models B1500-B4500, for fuel leaks.	Within the next 25 hours time-in-service (TIS) after May 10, 2001 (the effective date of this AD).	Do this following the INSTALLATION INSPECTION and ALTERNATIVE VISUAL INSPECTION procedures in JanAero Devices Service Bulletin No. A-107, dated January 8, 2001.

(2) Pressure test the fuel regulator and shutoff valve for leakage.	Within the next 25 hours time-in-service (TIS) after May 10, 2001 (the effective date of this AD) and after the inspection in paragraph (d)(1) of this AD.	Do this following the PRESSURE TEST FOR LEAKAGE procedures in JanAero Devices Service Bulletin No. A-107, dated January 8, 2001.
(3) If fuel leaks are found, replace with a new valve with a manufacture date code of 11/00 or later.	Before further flight after the inspection in paragraph (d)(1) and the pressure test in paragraph (d)(2) of this AD.	Do this following the ALTERNATIVE VISUAL INSPECTION procedures in JanAero Devices Service Bulletin No. A-107, dated January 8, 2001.
(4) Do not install any fuel regulator and shutoff valve with a manufacture date code before 11/00.	Not Applicable.	Not Applicable.

(e) 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, Atlanta Aircraft Certification Office approves your alternative. Send your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta Aircraft Certification Office.

Note: 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 (e) 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.

(f) Where can I get information about any already-approved alternative methods of compliance? Contact Linda M. Haynes, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6091; facsimile: (770) 703-6097.

(g) 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.

(h) Are any service bulletins incorporated into this AD by reference? Actions required by this AD must be done following JanAero Devices Service Bulletin No. A-107, dated January 8, 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 can get copies from JanAero Devices, P.O. Box 273, Fort Deposit, Alabama 36032. You can look at copies at 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.

(i) When does this amendment become effective? This amendment becomes effective on May 10, 2001.

FOR FURTHER INFORMATION CONTACT: Linda M. Haynes, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6091; facsimile: (770) 703-6097.

Issued in Kansas City, Missouri, on April 5, 2001.

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



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TILBEHØR

## LUFTDYKTIGHETSPÅBUD (LDP)

JANAERO - 3

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Med hjemmel i lov av 11. juni 1993 nr. 101 om luftfart, kap. XV § 15-4 jf. kap. IV § 4-1 og Samferdselsdepartementets  
bemyndigelse av 25. mars 1994, fastsetter Luftfartstilsynet følgende forskrift om luftdyktighet.

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### 2001-059 KONTROLL AV BRENNSTOFFREGULATOR

#### Påbudet gjelder:

JanAero Devices brennstoffregulatorer som beskrevet i vedlagte kopi av FAA AD 2001-17-13.

#### Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 2001-17-13.

*Anm.: Denne LDP erstatter og opphever LDP 2001-030.*

#### Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av FAA AD 2001-17-13, med virkning fra denne LDP's gyldighetsdato.

#### Referanse:

FAA AD 2001-17-13.

#### Gyldighetsdato:

2001-10-05.

# AIRWORTHINESS DIRECTIVE



Aircraft Certification Service  
Washington, DC

U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

*We post ADs on the internet at "av-info.faa.gov"*

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

**2001-17-13 Janaero Devices: Amendment 39-12404; Docket No. 2001-CE-26-AD. Supersedes AD 2001-08-01, Amendment 39-12178.**

(a) What aircraft are affected by this AD? This AD applies to aircraft equipped with a JanAero Devices part number 14D11, A14D11, B14D11, C14D11, 23D04, A23D04, B23D04, or C23D04 fuel regulator shutoff valve used with JanAero Devices B1500, B2030, B2500, B3040, B3500, B4050, or B4500 B-Series combustion heaters. The following is a list of aircraft where the B-Series combustion heater could be installed. This is not a comprehensive list and aircraft not on this list that have the heater installed through field approval or other methods are still affected by this AD:

Manufacturer	Aircraft models
Raytheon Aircraft Corporation (Beech).	Beech 95-B55 Series, 58, 58TC, 58P, 60, A60, and 76.
Canadair.....	CL-215, CL-215T, and CLT-415.
Cessna Aircraft Company(Cessna).	208, 303, 310F, 310G, 310H, 310I, 310J, 310K, 310L, 310M, 310N, 310P, 310Q, 320C, 320D, 320E, 320F, 337 Series, 340, 340A, 414, 414A, 421, 421A, 421B, and 421C.
The New Piper Aircraft, Inc. (Piper).	PA-23 Series, PA-30, PA-31 Series, PA-34 Series, PA-39, and PA-44.

**Note 1:** The B1500, B2030, B2500, B3040, B3500, B4050, or B4500 B-Series combustion heaters were previously manufactured by Janitrol, C&D, FL Aerospace, and Midland-Ross Corporation.

(b) Who must comply with this AD? Anyone who wishes to operate any aircraft that is equipped with one of the above-referenced JanAero combustion heaters must comply with this AD.

(c) What problem does this AD address? The actions specified by this AD are intended to eliminate or severely reduce the potential for fuel leakage in aircraft with these combustion heaters, which could result in an aircraft fire with consequent damage or destruction.

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

Action	Compliance time	Procedures
(1) Inspect the fuel regulator shutoff valve for fuel leaks. Use the pressure test procedures or visual procedures included in the service information.	Within the next 25 hours aircraft time- in-service (TIS) after September 11, 2001 (the effective date of this AD), unless already accomplished (e.g., compliance with AD 2001-08-01), and thereafter prior to installing any fuel regulator shutoff valve on an aircraft.	Locate the pressure regulatory shutoff valve in the installation using the applicable maintenance manual's regulator shutoff valve location, removal, and installation instructions. For the pressure test or visual inspection, use the procedures in JanAero Devices Service Bulletin No. A-107, dated January 8, 2001.
(2) If no fuel leaks or no signs of fuel stains are found during each inspection required by paragraph (d)(1) of this AD, mark the valve cover with the date of inspection (month/year).	Prior to further flight after any inspection required by paragraph (d)(1) of this AD.	Use permanent ink and letters of at least 1/10-inch, but no larger than 1/4-inch, in height and make this mark below the date of manufacturer as specified in JanAero Devices Service Bulletin No. A-107, dated January 8, 2001.
(3) If any fuel leak(s) is/ are found during any inspection required by paragraph (d)(1) of this AD, replace the valve. Ensure there are no fuel leaks in the replacement valve by following the inspection and identification requirements of paragraphs (d)(1) and (d)(2) of this AD, respectively.	Before further flight after the inspection where any fuel leak was found.	In accordance with the applicable maintenance manual.
(4) As an alternative method of compliance to this AD, you may disable the heater provided you immediately comply with the inspection, identification, and replacement requirements of this AD when you bring the heater back into service. Accomplish the following actions when disabling: (i) Cap the fuel supply line; (ii) Disconnect the electrical power and ensure that the connections are properly secured to reduce the possibility of electrical spark or structural damage; (iii) Inspect and test to ensure that the cabin heater system is disabled; (iv) Ensure that no other aircraft system is affected by this action; (v) Ensure there are no fuel leaks; and (vi) Fabricate a placard with the words: "System Inoperative". Install this placard at the heater control valve within the pilot's clear view.	If you choose this option, you must accomplish it before the required inspection times (within the next 25 hours TIS after September 11, 2001, and thereafter prior to further flight after installing any fuel regulator shutoff valve on an aircraft). To bring the heater back into service, you must accomplish the actions of paragraphs (d)(1), (d)(2), and (d)(3) of this AD (inspection, identification, and replacement, as necessary).	Not Applicable.

(e) 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, Atlanta Aircraft Certification Office approves your alternative. Send your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta Aircraft Certification Office.

**Note 2:** This AD applies to any aircraft with the equipment installed as identified in paragraph (a) of this AD, regardless of whether the aircraft has been modified, altered, or repaired in the area subject to the requirements of this AD. For aircraft 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 (e) 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.

(f) Where can I get information about any already-approved alternative methods of compliance? Contact Linda M. Haynes, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6091; facsimile: (770) 703-6097.

(g) Are any service bulletins incorporated into this AD by reference? You must accomplish the actions required by this AD in accordance with JanAero Devices Service Bulletin No. A-107, dated January 8, 2001. The Director of the Federal Register previously approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51 as of May 10, 2001 (66 FR 19720, April 17, 2001).

(1) You can get copies from JanAero Devices, Electrosystems-JanAero Devices, P.O. Box 273, Fort Deposit, Alabama 36032; telephone: (334) 227-8306; facsimile: (334) 227-8596; Internet: <http://frwebgate.access.gpo.gov/cgi-bin/leaving.cgi?from=leavingFR.html&log=linklog&to=http://www.kellyaerospace.com>.

(2) You can look at copies at 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.

(h) Does this amendment affect any other regulation? This amendment supersedes AD 2001-08-01, Amendment 39-12178.

(i) When does this amendment become effective? This amendment becomes effective on September 11, 2001.

Issued in Kansas City, Missouri, on August 15, 2001.

**Michael Gallagher,**  
*Manager, Small Airplane Directorate, Aircraft Certification Service.*  
[FR Doc. 01-21010 Filed 8-20-01; 8:45 am]  
**BILLING CODE 4910-13-P**