

(3) Eligible producers who wish to participate in this program must file an application with the Committee by July 8, 2002, with appropriate documentation as specified in § 989.156(b). The Committee shall notify the applicant, in writing, as to whether or not the application has been approved. Vines must be removed or chain sawed at the base of the vine by July 31, 2002. Committee staff will verify that the vines have been removed or adequately chain sawed. Committee staff will re-inspect vines that have been chain sawed to ensure that the remainder of the vine is removed. Procedures specified §§ 989.156(e), (f), (g), and (i) through (r) are applicable to the additional opportunity program for vine removal of 2002 crop Natural (sun-dried) Seedless raisins.

Dated: June 20, 2002.

**A.J. Yates,**

*Administrator, Agricultural Marketing Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 25

[Docket No. NM223; Special Conditions No. 25-205-SC]

#### **Special Conditions: Boeing Model 737-700 IGW Airplane (BBJ, S/N: 32807); Certification of Cooktops**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final special conditions; request for comments.

**SUMMARY:** These special conditions are issued for the Boeing Model 737-700 IGW airplane (BBJ serial number 32807). This airplane, as modified by Piedmont Hawthorne—Associated Air Center, will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The modification incorporates the installation of an electrically heated surface, called a cooktop. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for addressing the potential hazards that may be introduced by cooktops. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to

that established by the existing airworthiness standards.

**DATES:** The effective date of these special conditions is June 13, 2002. Comments must be received on or before July 24, 2002.

**ADDRESSES:** Comments on these special conditions may be mailed in duplicate to: Federal Aviation Administration, Transport Airplane Directorate, Attn: Rules Docket (ANM-113), Docket No. NM223, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked: Docket No. NM223. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4 p.m.

**FOR FURTHER INFORMATION CONTACT:** Connie Beane, FAA, Standardization Branch, ANM-113, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington 98055-4056; telephone (425) 227-2796; facsimile (425) 227-1149.

**SUPPLEMENTARY INFORMATION:** The FAA has determined that notice and opportunity for prior public comment hereon are impracticable because these procedures would significantly delay certification of the airplane and thus delivery of the affected aircraft. In addition, the substance of these special conditions has been subject to the public comment process in several prior instances with no substantive comments received. The FAA therefore finds that good cause exists for making these special conditions effective upon issuance; however, the FAA invites interested persons to participate in this rulemaking by submitting written comments, data, or views. The most helpful comments reference a specific portion of the special conditions, explain the reason for any recommended change, and include supporting data. We ask that you send us two copies of written comments.

We will file in the docket all comments we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning these special conditions. The docket is available for public inspection before and after the comment closing date. If you wish to review the docket in person, go to the address in the **ADDRESSES** section of this preamble between 7:30 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

We will consider all comments we receive on or before the closing date for comments. We will consider comments filed late if it is possible to do so

without incurring expense or delay. We may change these special conditions in light of the comments we receive.

If you want the FAA to acknowledge receipt of your comments on this proposal, include with your comments a pre-addressed, stamped postcard on which the docket number appears. We will stamp the date on the postcard and mail it back to you.

#### **Background Information**

On October 9, 2001, Piedmont Hawthorne—Associated Air Center, P.O. Box 540728 (8321 Lemmon Ave, Love Field), Dallas, Texas 75234, applied for a Supplemental Type Certificate (STC) to modify a Boeing Model 737-700 IGW airplane (BBJ serial number 32807). The Boeing Model 737-700 IGW airplane is one of the Boeing Business Jet (BBJ) variants of Model 737 airplanes. It is a large transport category airplane powered by two CFM 56 engines, with a maximum takeoff weight of 171,000 pounds. The modified Boeing Model 737-700 IGW airplane (BBJ serial number 32807) operates with a 2-pilot crew, up to 4 flight attendants, and can hold up to 18 passengers.

The modification incorporates the installation of an electrically heated surface, called a cooktop. Cooktops introduce high heat, smoke, and the possibility of fire into the passenger cabin environment. These potential hazards to the airplane and its occupants must be satisfactorily addressed. Since existing airworthiness regulations do not contain safety standards addressing cooktops, special conditions are therefore issued.

#### **Type Certification Basis**

Under the provisions of 14 CFR 21.101, Piedmont Hawthorne—Associated Air Center must show that the Boeing Model 737-700 IGW airplane (BBJ serial number 32807), as changed, continues to meet the applicable provisions of the regulations incorporated by reference in Type Certificate Data Sheet No. A16WE, or the applicable regulations in effect on the date of application for the change. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The regulations incorporated by reference in Type Certificate Data Sheet No. A16WE are part 25, as amended by Amendments 25-1 through 25-77, with reversion to earlier Amendments, voluntary compliance to later Amendments, special conditions, equivalent safety findings, and exemptions listed in the type certificate data sheet.

If the Administrator finds that the applicable airworthiness regulations (that is, part 25 as amended) do not contain adequate or appropriate safety standards for the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) modified by Piedmont Hawthorne—Associated Air Center, because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

In addition to the applicable airworthiness regulations and special conditions, the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirements of part 36.

Special conditions, as defined in § 11.19, are issued in accordance with § 11.38, and become part of the type certification basis in accordance with § 21.101(b)(2).

Special conditions are initially applicable to the model for which they are issued. Should Piedmont Hawthorne—Associated Air Center apply at a later date for a supplemental type certificate to modify any other model included on the same type certificate to incorporate the same novel or unusual design feature, these special conditions would also apply to the other model under the provisions of § 21.101(a)(1).

#### Novel or Unusual Design Features

As noted earlier, the modification of the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) will include installation of a cooktop in the passenger cabin. Cooktops introduce high heat, smoke, and the possibility of fire into the passenger cabin environment. The current airworthiness standards of part 25 do not contain adequate or appropriate safety standards to protect the airplane and its occupants from these potential hazards. Accordingly, this system is considered to be a novel or unusual design feature.

#### Discussion

Currently, ovens are the prevailing means of heating food on airplanes. Ovens are characterized by an enclosure that contains both the heat source and the food being heated. The hazards represented by ovens are thus inherently limited, and are well understood through years of service experience. Cooktops, on the other hand, are characterized by exposed heat sources and the presence of relatively unrestrained hot cookware and heated food, which may represent unprecedented hazards to both occupants and the airplane.

Cooktops could have serious passenger and airplane safety implications if appropriate requirements are not established for their installation and use. These special conditions apply to cooktops with electrically powered burners. The use of an open flame cooktop (for example natural gas) is beyond the scope of these special conditions and would require separate rulemaking action. The requirements identified in these special conditions are in addition to those considerations identified in Advisory Circular (AC) 25-10, "Guidance for Installation of Miscellaneous Non-required Electrical Equipment," and those in AC 25-17, "Transport Airplane Cabin Interiors Crashworthiness Handbook." The intent of these special conditions is to provide a level of safety that is consistent with that on similar airplanes without cooktops.

#### Applicability

As discussed above, these special conditions are applicable to the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) modified by Piedmont Hawthorne—Associated Air Center. Should Piedmont Hawthorne—Associated Air Center apply at a later date for a supplemental type certificate to modify any other model included on the same type certificate to incorporate the same novel or unusual design feature, these special conditions would apply to that model as well under the provisions of § 21.101(a)(1).

#### Conclusion

This action affects only certain novel or unusual design features on the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) modified by Piedmont Hawthorne—Associated Air Center. It is not a rule of general applicability and affects only the applicant who applied to the FAA for approval of these features on the airplane.

The substance of the special conditions for this airplane has been subjected to notice and comment procedure in several prior instances and has been derived without substantive change from those previously issued. Because a delay would significantly affect the certification of the airplane, which is imminent, the FAA has determined that prior public notice and comment are unnecessary and impracticable, and good cause exists for adopting these special conditions upon issuance. The FAA is requesting comments to allow interested persons to submit views that may not have been submitted in response to the prior

opportunities for comment described above.

#### List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

#### The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the supplemental type certification basis for the Boeing Model 737-700 IGW airplane (BBJ serial number 32807) modified by Piedmont Hawthorne—Associated Air Center:

#### Cooktop Installations With Electrically-Powered Burners

1. Means, such as conspicuous burner-on indicators, physical barriers, or handholds, must be installed to minimize the potential for inadvertent personnel contact with hot surfaces of both the cooktop and cookware. Conditions of turbulence must be considered.

2. Sufficient design means must be included to restrain cookware while in place on the cooktop, as well as representative contents (soups or sauces, for example) from the effects of flight loads and turbulence.

(a) Restraints must be provided to preclude hazardous movement of cookware and contents. These restraints must accommodate any cookware that is identified for use with the cooktop.

(b) Restraints must be designed to be easily utilized and effective in service. The cookware restraint system should also be designed so that it will not be easily disabled, thus rendering it unusable.

(c) Placarding must be installed which prohibits the use of cookware that cannot be accommodated by the restraint system.

3. Placarding must be installed which prohibits the use of cooktops (that is, power on any burner) during taxi, takeoff, and landing (TTL).

4. Means must be provided to address the possibility of a fire occurring on or in the immediate vicinity of the cooktop caused by materials or grease inadvertently coming in contact with the burners.

**Note:** Two acceptable means of complying with this requirement are as follows:

- Placarding must be installed that prohibits any burner from being powered when the cooktop is unattended (this would

prohibit a single person from cooking on the cooktop and intermittently serving food to passengers while any burner is powered). In addition, a fire detector must be installed in the vicinity of the cooktop, which provides an audible warning in the passenger cabin; and a fire extinguisher of appropriate size and extinguishing agent must be installed in the immediate vicinity of the cooktop. A fire on or around the cooktop must not block access to the extinguisher. One of the fire extinguishers required by § 25.851 may be used to satisfy this requirement if the total complement of extinguishers can be evenly distributed throughout the cabin. If this is not possible, then the extinguisher in the galley area would be additional; OR

- An automatic, thermally-activated fire suppression system must be installed to extinguish a fire at the cooktop and immediately adjacent surfaces. The agent used in the system must be an approved total flooding agent suitable for use in an occupied area. The fire suppression system must have a manual override. The automatic activation of the fire suppression system must also automatically shut off power to the cooktop.

5. The surfaces of the galley surrounding the cooktop, which would be exposed to a fire on the cooktop surface or in cookware on the cooktop, must be constructed of materials that comply with the flammability requirements of Part III of Appendix F of part 25. This requirement is in addition to the flammability requirements typically required of the materials in these galley surfaces. During the selection of these materials, consideration must also be given to ensure that the flammability characteristics of the materials will not be adversely affected by the use of cleaning agents and utensils used to remove cooking stains.

6. The cooktop must be ventilated with a system independent of the airplane cabin and cargo ventilation system. Procedures and time intervals must be established to inspect and clean or replace the ventilation system to prevent a fire hazard from the accumulation of flammable oils. These procedures and time intervals must be included in the Instructions for Continued Airworthiness (ICA). The ventilation system ducting must be protected by a flame arrestor.

**Note:** The applicant may find additional useful information in "Air Conditioning Systems for Subsonic Airplanes," Society of Automotive Engineers, Aerospace Recommended Practice 85, Rev. E, dated August 1, 1991.

7. Means must be provided to contain spilled foods or fluids in a manner that will prevent the creation of a slipping hazard to occupants and will not lead to the loss of structural strength due to airplane corrosion.

8. Cooktop installations must provide adequate space for the user to immediately escape a hazardous cooktop condition.

9. A means to shut off power to the cooktop must be provided at the galley containing the cooktop and in the cockpit. If additional switches are introduced in the cockpit, revisions to smoke or fire emergency procedures of the AFM will be required.

10. A readily deployable cover must be provided to cover the cooktop during taxi, takeoff, and landing (TT&L) operation. The deployment of the cover must automatically shut off power to the cooktop.

Issued in Renton, Washington, on June 13, 2002.

**Ali Bahrami,**

*Acting Manager, ANM-100, Transport Airplane Directorate, Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Airspace Docket No. 02-ASO-5]

#### Amendment of Class D Airspace; Marietta Dobbins ARB (NAS Atlanta), GA

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** This action amends Class D airspace at Marietta Dobbins ARB (NAS Atlanta), GA. It has been determined that the Marietta Dobbins ARB Class D airspace area be amended to provide containment of instrument approach procedures within controlled airspace. Adequate controlled airspace should be established for the Airport Surveillance Radar (ASR) Standard Instrument Approach Procedures (SIAPs) to Runways (RWYs) 11 and 29. This action would amend the lateral limits of the existing Class D airspace by adding Class D airspace extensions from the 5.5-mile radius to 6.9 miles to the east and west of Marietta Dobbins ARB.

**EFFECTIVE DATE:** 0901 UTC, October 3, 2002.

**FOR FURTHER INFORMATION CONTACT:**

Walter R. Cochran, Manager, Aerospace Branch, Air Traffic Division, Federal Aviation Administration, P.O. Box 20636, Atlanta, Georgia 30320; telephone (404) 305-5586.

**SUPPLEMENTARY INFORMATION:**

### History

On April 29, 2002, the FAA proposed to amend Part 71 of the Federal Aviation Regulations (14 CFR part 71) by amending Class D airspace at Marietta Dobbins ARB (NAS Atlanta), GA, (67 FR 20919). Class D airspace designations for airspace areas extending upward from the surface of the earth are published in Paragraph 5000 of FAA Order 7400.9J, dated August 31, 2001, and effective September 16, 2001, which is incorporated by reference in 14 CFR 71.1. The Class D airspace designations listed in this document will be published subsequently in the Order.

Interested parties were invited to participate in this rulemaking proceeding by submitting written comments on the proposal to the FAA. No comments objecting to the proposal were received.

### The Rule

This amendment to part 71 of the Federal Aviation Regulations (14 CFR part 71) amends Class D airspace at Marietta Dobbins ARB (NAS Atlanta), GA.

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore, (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation, as the anticipated impact is so minimal. Since this is a routine matter that will only affect air traffic procedures and air navigation, it is certified that this rule will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

#### List of Subjects in CFR Part 71

Airspace, Incorporation by reference, navigation (air).

#### Adoption of the Amendment

#### PART 71—DESIGNATION OF CLASS A, CLASS B, CLASS C, CLASS D AND CLASS E AIRSPACE AREAS; AIRWAYS; ROUTES; AND REPORTING POINTS

1. The authority citation for 14 CFR Part 71 continues to read as follows:

**Authority:** 49 U.S.C. 106(g); 40103, 40113, 40120; EO 10854, 24 FR 9565, 3 CFR, 1959-1963 Comp., p. 389; 14 CFR 11.69.