

**Initial Regulatory Flexibility Analysis**

Pursuant to requirements set forth in the Regulatory Flexibility Act (RFA), the Agricultural Marketing Service (AMS) has considered the economic impact of this action on small entities.

Accordingly, AMS has prepared this initial regulatory flexibility analysis.

The purpose of the RFA is to fit regulatory actions to the scale of business subject to such actions in order that small businesses will not be unduly or disproportionately burdened. Marketing orders issued pursuant to the Act, and the rules issued thereunder, are unique in that they are brought about through group action of essentially small entities acting on their own behalf. Thus, both statutes have small entity orientation and compatibility.

There are approximately 50 producers of grapes in the production area and approximately 20 handlers subject to regulation under the marketing order. The Small Business Administration (13 CFR 121.201) defines small agricultural producers as those having annual receipts less than \$750,000 and defines small agricultural service firms as those whose annual receipts are less than \$6,500,000.

Last year, six of the 20 handlers subject to regulation had annual grape sales of at least \$6,500,000. In addition, 10 of the 50 producers had annual sales of at least \$750,000. Therefore, a majority of handlers and producers may be classified as small entities.

This rule would revise § 925.160 of the order's rules and regulations to include the requirement that handlers file an annual grape acreage survey.

This rule would impose minimal additional costs on handlers regulated under the order. The benefits of this proposed rule are not expected to be disproportionately greater or less for small handlers than for large entities.

At the meeting, the committee discussed an alternative to this change, which would be to ask handlers to voluntarily report grape acreage. However, under voluntary reporting, it is possible that all handlers would not report the information, making it difficult for the committee to aggregate accurate information used in determining the committee's crop estimate, assessment rate, and budget of expenses. The committee agreed that this alternative would not be in the best interest of the committee and the industry, and unanimously recommended mandating the report.

In accordance with the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35), the information collection requirements that are contained in this

rule are currently approved by the Office of Management and Budget (OMB), under OMB No. 0581-0189, Generic OMB Fruit Crops. This rule would impose minimal additional reporting or recordkeeping requirements, deemed to be insignificant, on both small and large grape handlers.

USDA has not identified any relevant Federal rules that duplicate, overlap or conflict with this rule. As with other similar marketing order programs, reports and forms are periodically reviewed to reduce information requirements and duplication by industry and public sector agencies.

The AMS is committed to complying with the E-Government Act, to promote the use of the Internet and other information technologies to provide increased opportunities for citizen access to Government information and services, and for other purposes.

Further, the committee's meeting on February 6, 2007, was widely publicized throughout the desert grape industry and all interested persons were encouraged to attend the meeting and participate in committee deliberations. Like all committee meetings, the February 6, 2007, meeting was a public meeting; and all entities, both large and small, were encouraged to express their views on this issue. All interested persons were invited to attend this meeting and encouraged to participate in the industry's deliberations.

Finally, interested persons are invited to submit information on the regulatory and informational impacts of this action on small businesses.

A small business guide on complying with fruit, vegetable, and specialty crop marketing agreements and orders may be viewed at: <http://www.ams.usda.gov/fv/moab.html>. Any questions about the compliance guide should be sent to Jay Guerber at the previously mentioned address in the **FOR FURTHER INFORMATION CONTACT** section.

A 15-day comment period is provided to allow interested persons to respond to this proposal. Fifteen days is deemed appropriate because this rule would need to be in place as soon as possible since the shipping season begins April 20. All written comments timely received will be considered before a final determination is made on this matter.

**List of Subjects in 7 CFR Part 925**

Grapes, Marketing agreements, Reporting and recordkeeping requirements.

For the reasons set forth in the preamble, 7 CFR part 925 is proposed to be amended as follows:

**PART 925—GRAPES GROWN IN A DESIGNATED AREA OF SOUTHEASTERN CALIFORNIA**

1. The authority citation for 7 CFR part 925 continues to read as follows:

**Authority:** 7 U.S.C. 601-674.

2. In § 925.160, the current paragraph is redesignated as paragraph (a), and a new paragraph (b) is added to read as follows:

**§ 925.160 Reports.**

(a) \* \* \*

(b) When requested by the California Desert Grape Administrative Committee (CDGAC), each shipper who ships grapes shall furnish to the committee at such time as the committee shall require, an annual grape acreage survey (CDGAC Form 7), which shall include, but is not limited to, the following: the applicable year in which the report is requested; the names of the shipper (handler) who will handle the grapes and the grower who produces them; the location of each vineyard; the variety or varieties grown in each vineyard; and the bearing, non-bearing, and total acres of each vineyard.

Dated: April 11, 2007.

**Lloyd C. Day,**

*Administrator, Agricultural Marketing Service.*

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**BILLING CODE 3410-02-P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 25**

[Docket No. NM365 Special Conditions No. 25-07-02-SC]

**Special Conditions: Boeing Model 787-8 Airplane; Systems and Data Networks Security—Protection of Airplane Systems and Data Networks From Unauthorized External Access**

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

**ACTION:** Notice of proposed special conditions.

**SUMMARY:** This notice proposes special conditions for the Boeing Model 787-8 airplane. This airplane will have novel or unusual design features when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The architecture of the Boeing Model 787-8 systems and networks allows access to external systems and networks, including the public Internet.

On-board wired and wireless devices may also have access to parts of the airplane's digital systems that provide flight critical functions. These new connectivity capabilities may result in security vulnerabilities to the airplane's critical systems. For these design features, the applicable airworthiness regulations do not contain adequate or appropriate safety standards for protection and security of airplane systems and data networks against unauthorized access. These proposed 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. Additional special conditions will be issued for other novel or unusual design features of the Boeing Model 787-8 airplanes.

**DATES:** Comments must be received on or before May 31, 2007.

**ADDRESSES:** Comments on this proposal may be mailed in duplicate to: Federal Aviation Administration, Transport Airplane Directorate, Attention: Rules Docket (ANM-113), Docket No. NM365, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked Docket No. NM365. 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:** Will Struck, FAA, Airplane and Flight Crew Interface, ANM-111, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-2764; facsimile (425) 227-1149.

#### **SUPPLEMENTARY INFORMATION:**

##### **Comments Invited**

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 proposed 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 notice 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 the proposed special conditions based on 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**

On March 28, 2003, Boeing applied for an FAA type certificate for its new Boeing Model 787-8 passenger airplane. The Boeing Model 787-8 airplane will be an all-new, two-engine jet transport airplane with a two-aisle cabin. The maximum takeoff weight will be 476,000 pounds, with a maximum passenger count of 381 passengers.

##### **Type Certification Basis**

Under provisions of 14 CFR 21.17, Boeing must show that Boeing Model 787-8 airplanes (hereafter referred to as "the 787") meet the applicable provisions of 14 CFR part 25, as amended by Amendments 25-1 through 25-117, except 25.809(a) and 25.812, which will remain at Amendment 25-115. If the Administrator finds that the applicable airworthiness regulations do not contain adequate or appropriate safety standards for the 787 because of a novel or unusual design feature, special conditions are prescribed under provisions of 14 CFR 21.16.

In addition to the applicable airworthiness regulations and special conditions, the 787 must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirements of part 36. In addition, the FAA must issue a finding of regulatory adequacy pursuant to section 611 of Public Law 92-574, the "Noise Control Act of 1972."

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 § 21.17(a)(2).

Special conditions are initially applicable to the model for which they are issued. Should the type certificate for that model be amended later to include any other model that incorporates the same or similar novel or unusual design feature, the special

conditions would also apply to the other model under the provisions of § 21.101.

##### **Novel or Unusual Design Features**

The digital systems architecture for the 787 consists of several connected networks. This proposed network architecture is used for a diverse set of functions, including the following.

1. Flight-safety-related control and navigation systems (Aircraft Control Domain).
2. Airline business and administrative support (Airline Information Services Domain).
3. Passenger entertainment, information, and Internet services (Passenger Information and Entertainment Services Domain).

The proposed architecture of the 787 is different from that of existing production (and retrofitted) airplanes. It allows connection to and access from external sources (the public Internet) and airline operator networks to the previously isolated Aircraft Control Domain and Airline Information Services Domain. The Aircraft Control Domain and the Airline Information Services Domain perform functions required for the safe operation of the airplane.

Capability is proposed for providing electronic transmission of field-loadable software applications and databases to the aircraft. These would subsequently be loaded into systems within the Aircraft Control Domain and Airline Information Services Domain. Also, it may be proposed that on-board wired and wireless devices have access to the Aircraft Control Domain and Airline Information Services Domain. These new connectivity capabilities and features of the proposed design may result in security vulnerabilities from intentional or unintentional corruption of data and systems critical to the safety and maintenance of the airplane. The existing regulations and guidance material did not anticipate this type of system architecture or Internet and wireless electronic access to aircraft systems that provide flight critical functions. Furthermore, 14 CFR regulations and current system safety assessment policy and techniques do not address potential security vulnerabilities that could be caused by unauthorized external access to aircraft data buses and servers. Therefore, a special condition is proposed to ensure the security, integrity and availability of the critical systems within the Aircraft Control Domain and Airline Information Services Domain by establishing requirements for:

1. Protection of Aircraft Control Domain and Airline Information

Services Domain systems, hardware, software, and databases from unauthorized access.

2. Protection of field-loadable software (FLS) applications and databases which are electronically transmitted from external sources to the on-aircraft networks and storage devices, and used within the Aircraft Control Domain and Airline Information Services Domain.

#### Applicability

As discussed above, these proposed special conditions are applicable to the 787. Should Boeing apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design features, these proposed special conditions would apply to that model as well under the provisions of § 21.101.

#### Conclusion

This action affects only certain novel or unusual design features of the 787. It is not a rule of general applicability, and it affects only the applicant that applied to the FAA for approval of these features on the airplane.

#### 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 Proposed Special Conditions

Accordingly, the Administrator of the Federal Aviation Administration (FAA) proposes the following special conditions as part of the type certification basis for the Boeing Model 787-8 airplane.

The applicant shall ensure system security protection for the Aircraft Control Domain and Airline Information Services Domain from unauthorized external access. The applicant shall also ensure that security threats are identified and risk mitigation strategies are implemented to minimize the likelihood of occurrence of each of the following conditions:

1. Reduction in airplane safety margins or airplane functional capabilities, including those possibly caused by maintenance activity;
2. An increase in flightcrew workload or conditions impairing flightcrew efficiency, and;
3. Distress or injury to airplane occupants.

Issued in Renton, Washington, on April 5, 2007.

**Stephen P. Boyd,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2007-27747; Directorate Identifier 2007-CE-030-AD]

RIN 2120-AA64

#### Airworthiness Directives; Cessna Aircraft Company Models 150 and 152 Airplanes

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Cessna Aircraft Company (Cessna) Models 150 and 152 airplanes. This proposed AD would require replacing the rudder stop, rudder stop bumper, and attachment hardware with a new rudder stop modification kit. This proposed AD also requires replacing the safety wire with jamnuts. This proposed AD results from two accidents where the rudder was found in the over-travel position with the stop plate hooked over the stop bolt heads. We are proposing this AD to prevent the rudder from traveling past the normal travel limit and becoming jammed in the over-travel position. This condition could result in loss of control.

**DATES:** We must receive comments on this proposed AD by June 15, 2007.

**ADDRESSES:** Use one of the following addresses to comment on this proposed AD:

- DOT Docket Web site: Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.
  - Mail: Docket Management Facility; U.S. Department of Transportation, 400 Seventh Street, SW., Nassif Building, Room PL-401, Washington, DC 20590-0001.
  - Fax: (202) 493-2251.
  - Hand Delivery: Room PL-401 on the plaza level of the Nassif Building, 400 Seventh Street, SW., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.
  - Federal eRulemaking Portal: Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- For service information identified in this proposed AD, contact Cessna Aircraft Company, Product Support, P.O. Box 7706, Wichita, KS 67277; telephone: (316) 517-5800; fax: (316) 942-9006.

**FOR FURTHER INFORMATION CONTACT:** Gary Park, Aerospace Engineer, 1801 Airport

Road, Room 100, Wichita, Kansas 67209; telephone: (316) 946-4123; fax: (316) 946-4107.

#### SUPPLEMENTARY INFORMATION

##### Comments Invited

We invite you to send any written relevant data, views, or arguments regarding this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include the docket number, "FAA-2007-27747; Directorate Identifier 2007-CE-030-AD" at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of the proposed AD. We will consider all comments received by the closing date and may amend the proposed AD in light of those comments.

We will post all comments we receive, without change, to <http://dms.dot.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive concerning this proposed AD.

##### Discussion

This AD results from two spin accidents involving Cessna Model 152 airplanes where the rudder was found in the over-travel position with the stop plate hooked over the stop bolt heads.

In the first accident, which occurred in Canada, a flight instructor and student pilot were unable to recover after performing a spin maneuver. When the airplane was inspected, the rudder was found jammed.

In the second accident the rudder bumper was found to be installed incorrectly, which resulted in a rudder jam during an attempted spin recovery.

Upon recovery of the airplanes after the accidents, both accident airplanes had their rudder stop plates hooked over the stop bolts. After examining the accident airplanes and other Cessna Models 150 and 152 airplanes, accident investigators determined that, under certain conditions, it is possible to jam the rudder past its normal travel limit. The jam occurs when the stop plate is forced aft of the stop bolt head. The forward edge of the stop plate can then become lodged under the head of the stop bolt causing the rudder to jam in this over-travel position. Recovery from a spin may not be possible with the rudder jammed beyond the normal rudder travel stop limits.

This condition, if not corrected, could result in loss of control.