

(202) 586–2945. If possible, please submit all items on a CD, in which case it is not necessary to include printed copies.

Instructions: All submissions received must include the agency name and docket number and/or RIN for this rulemaking. No telefacsimiles (faxes) will be accepted.

Docket: The docket is available for review at <http://www.regulations.gov>, and will include **Federal Register** notices, framework document, public meeting attendee lists and transcripts, comments, and other supporting documents/materials throughout the rulemaking process. The [regulations.gov](http://www.regulations.gov) Web page contains simple instructions on how to access all documents, including public comments, in the docket. The docket can be accessed by searching for docket number EERE–2013–BT–STD–0040 on the [regulations.gov](http://www.regulations.gov) Web site. All documents in the docket are listed in the www.regulations.gov index. However, not all documents listed in the index may be publicly available, such as information that is exempt from public disclosure.

For information on how to submit a comment, review other public comments and the docket, or participate in the public meeting, contact Ms. Brenda Edwards at (202) 586–2945 or by email: Brenda.Edwards@ee.doe.gov.

FOR FURTHER INFORMATION CONTACT: James Raba, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Office, EE–5B, 1000 Independence Avenue SW., Washington, DC 20585–0121. Telephone: (202) 586–8654. Email: jim.raba@ee.doe.gov.

Michael Kido, U.S. Department of Energy, Office of the General Counsel, GC–71, 1000 Independence Avenue SW., Washington, DC 20585–0121. Telephone: (202) 586–8145. Email: michael.kido@hq.doe.gov.

For information on how to submit or review public comments and on how to participate in the public meeting, contact Ms. Brenda Edwards, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Building Technologies Office, EE–5B, 1000 Independence Avenue SW., Washington, DC 20585–0121. Telephone (202) 586–2945. Email: Brenda.Edwards@ee.doe.gov.

SUPPLEMENTARY INFORMATION: On February 5, 2014, DOE published a notice announcing the availability of a Framework Document and a public meeting to discuss that document. See 79 FR 6839. That notice announced that

the public meeting would be held on March 3, 2014 and that written comments to DOE regarding the Framework Document would need to be submitted by no later than March 24, 2014. In light of the inclement weather that forced the cancellation of the March 3rd meeting, DOE is rescheduling the meeting to be held on April 1, 2014 and is providing commenters until April 22, 2014 to provide any written comments regarding the Framework Document. Accordingly, DOE will consider any comments received by April 22, 2014, to be timely submitted.

Issued in Washington, DC, on March 12, 2014.

Kathleen B. Hogan,

Deputy Assistant Secretary for Energy Efficiency, Energy Efficiency and Renewable Energy.

[FR Doc. 2014–05933 Filed 3–17–14; 8:45 am]

BILLING CODE 6450–01–P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 23

[Docket No. FAA–2014–0155; Notice No. 23–14–01–SC]

Special Conditions: Extra Flugzeugproduktions und Vertriebs [Extra] GmbH, EA–300/LC; Acrobatic Category Aerodynamic Stability

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed special conditions.

SUMMARY: This action proposes special conditions for the Extra EA–300/LC airplane. This airplane will have a novel or unusual design feature(s) associated with static stability. This airplane can perform at the highest level of acrobatic competition. To be competitive, the aircraft was designed with positive and, at some points, neutral stability within its flight envelope. Its lateral and directional axes are also decoupled from each other providing more precise maneuvering. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for these design features. 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 to EA–300/LC airplanes certified solely in the acrobatic category.

DATES: Send your comments on or before April 17, 2014.

ADDRESSES: Send comments identified by docket number [FAA–2014–0155] using any of the following methods:

- **Federal eRegulations Portal:** Go to <http://www.regulations.gov> and follow the online instructions for sending your comments electronically.

- **Mail:** Send comments to Docket Operations, M–30, U.S. Department of Transportation (DOT), 1200 New Jersey Avenue SE., Room W12–140, West Building Ground Floor, Washington, DC, 20590–0001.

- **Hand Delivery of Courier:** Take comments to Docket Operations in Room W12–140 of the West Building Ground Floor at 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m., and 5 p.m., Monday through Friday, except Federal holidays.

- **Fax:** Fax comments to Docket Operations at 202–493–2251.

Privacy: The FAA will post all comments it receives, without change, to <http://www.regulations.gov>, including any personal information the commenter provides. Using the search function of the docket Web site, anyone can find and read the electronic form of all comments received into any FAA docket, including the name of the individual sending the comment (or signing the comment for an association, business, labor union, etc.). DOT's complete Privacy Act Statement can be found in the **Federal Register** published on April 11, 2000 (65 FR 19477–19478), as well as at <http://DocketsInfo.dot.gov>.

Docket: Background documents or comments received may be read at <http://www.regulations.gov> at any time. Follow the online instructions for accessing the docket or go to the Docket Operations in Room W12–140 of the West Building Ground Floor at 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m., and 5 p.m., Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: Mr. Ross Schaller, Federal Aviation Administration, Small Airplane Directorate, Aircraft Certification Service, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone (816) 329–4162; facsimile (816) 329–4090.

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite interested people to take part in this rulemaking by sending 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 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 based on the comments we receive.

Background

On February 3, 2011, Extra GmbH applied for an amendment to Type Certificate No. A67EU to include the derivative model number, EA-300/LC. The EA-300/LC, which is a derivative of the EA-300/L, currently approved under Type Certificate No. A67EU, is a single engine, two-place tandem canopy cockpit, low wing aerobatic monoplane with conventional landing gear.

Its maximum takeoff weight is 2095 pounds (950 kilograms). V_{NE} is 219 knots, V_{NO} is 138 knots, and V_A is 154 knots, indicated airspeed. Maximum altitude is 10,000 feet. The engine is a Lycoming AEIO-580-B1A with a rated power of 315 Horsepower (Hp) at 2,700 revolutions per minute (rpm). The airplane is proposed to be approved for Day-VFR operations with no icing approval. The EA-300/LC is certified under European Aviation Safety Agency (EASA) authority (Type Certificate Data Sheet EASA.A.362) as a dual category (normal/acrobatic) airplane.

Acrobatic airplanes previously type certificated by the FAA did comply with the stability provisions of part 23, subpart B. However, airplanes like the EA-300/LC are considered as “unlimited” acrobatic aircraft because they can perform at the highest level of aerobatic competition and can perform any maneuvers listed in the Aresti Catalog. The evolution of the “unlimited” type of acrobatic airplanes with very low mass, exceptional roll rates, and very high G capabilities, in addition to power to mass ratios that are unique to this type of airplane, have led to airplanes that cannot comply with the regulatory stability requirements. These airplanes can still be type-certificated, but in the acrobatic category only and with special conditions and limitations.

The FAA will only consider certifying the EA-300/LC in the acrobatic category. Extra GmbH will not be able to offer a normal category-operating envelope to accommodate the increased fuel load designed for cross-country operations. The FAA does recognize that fuel exhaustion is one of the top accident causes associated with this class of aircraft. For this reason, the FAA proposes to allow Extra to seek certification of a limited acrobatic envelope at a higher weight that will still meet the minimum load requirements of +6/-3 g associated with § 23.337. The EA-300/LC airplane would be approved for unlimited

maneuvers at or below its designed unlimited acrobatic weight. The airplane would also be approved, at some higher weight (for fuel/passenger), that would still meet the requirements of § 23.337 for acrobatic category and may have restrictions on the maneuvers allowed.

Type Certification Basis

Under the provisions of 14 CFR 21.101, Extra GmbH must show that the EA-300/LC meets the applicable provisions of part 23, as amended by Amendment 23-34 effective September 14, 1987 and Special Condition 23-ACE-65, published in the **Federal Register** (57 FR 175), September 9, 1992. These regulations will be incorporated into Type Certificate No. A67EU after type certification approval of the EA-300/LC. 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 A67EU are as follows:

14 CFR part 36, effective December 1, 1969, as amended by Amendments 36-1 through 36-28.

Not approved for ditching; compliance with provisions for ditching equipment in accordance with 14 FR 23.1415(a)(b) has not been demonstrated.

Approved for VFR-day only. Flight in known icing prohibited.

In addition, the certification basis includes other regulations, special conditions and exemptions that are not relevant to these proposed special conditions. Type Certificate No. A67EU will be updated to include a complete description of the certification basis for this model airplane.

If the Administrator finds that the applicable airworthiness regulations (i.e., 14 CFR part 23) do not contain adequate or appropriate safety standards for the EA-300/LC because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

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, or should any other model already included on the same type certificate be modified to incorporate the same or similar novel or unusual design feature, the special conditions would also apply to the other model under § 21.101.

In addition to the applicable airworthiness regulations and special conditions, the EA-300/LC must

comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirements of 14 CFR part 36.

The FAA issues special conditions, as defined in 14 CFR 11.19, in accordance with § 11.38, and they become part of the type-certification basis under § 21.101.

Novel or Unusual Design Features

The Extra GmbH EA-300/LC will incorporate the following novel or unusual design features:

For acrobatic category airplanes with unlimited acrobatic capability:

Neutral longitudinal and lateral static stability characteristics

Discussion

The Code of Federal Regulations states static stability criteria for longitudinal, lateral, and directional axes of an airplane. However, none of these criteria is adequate to address the specific issues raised in the flight characteristics of an unlimited aerobatic airplane. Therefore, the FAA has determined after a flight-test evaluation that, in addition to the requirements of parts 21 and 23, special conditions are needed to address these static stability characteristics.

Applicability

As discussed above, these special conditions are applicable to the EA-300/LC. Should Extra GmbH apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design feature, the special conditions would apply to that model as well.

Conclusion

This action affects only certain novel or unusual design features on one model of airplanes. It is not a rule of general applicability.

List of Subjects in 14 CFR Part 23

Aircraft, Aviation safety, Signs and symbols.

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 Federal Aviation Administration (FAA) proposes the following special conditions as part of the type certification basis for Extra GmbH EA-300/LC airplanes.

1. Unlimited Acrobatic-Only Category Static Stability Requirements

SC23.171 Flight—General: Acrobatic category airplanes with unlimited

acrobatic capability must be neutrally or positively stable in the longitudinal, directional, and lateral axes under Secs. SC23.173 through SC23.177. Additionally, the airplane must show suitable stability and control "feel" (static stability) in any condition normally encountered in service, if flight tests show it is necessary for safe operation.

SC23.173 Static longitudinal stability: Under the conditions specified in SC23.175 and with the airplane trimmed as indicated, the characteristics of the elevator control forces, positions, and the friction within the control system must be as follows:

(a) A pull on the yoke must be required to obtain and maintain speeds below the specified trim speed and a push on the yoke required to obtain and maintain speeds above the specified trim speed. This must be shown at any speed that can be obtained, except that speeds requiring a control force in excess of 40 pounds or speeds above the maximum allowable speed or below the minimum speed for steady unstalled flight need not be considered.

(b) The stick force or position must vary with speed so that any substantial speed change results in a stick force or position clearly perceptible to the pilot.

SC23.175 Demonstration of static longitudinal stability:

(a) Climb. The stick force curve must have, at a minimum, a neutrally stable to stable slope at speeds between 85 and 115 percent of the trim speed, with—

(1) Maximum continuous power; and
(2) The airplane trimmed at the speed used in determining the climb performance required by § 23.69(a).

(b) Cruise. With the airplane power and trim set for level flight at representative cruising speeds at high and low altitudes, including speeds up to V_{NO} , except the speed need not exceed V_H —

(1) The stick force curve must, at a minimum, have a neutrally stable to stable slope at all speeds within a range that is the greater of 15 percent of the trim speed plus the resulting free return speed range, or 40 knots plus the resulting free return speed range above and below the trim speed, except the slope need not be stable—

(i) At speeds less than $1.3 V_{S1}$; or
(ii) For airplanes with V_{NE} established under § 23.1505(a), at speeds greater than V_{NE} .

(c) Landing. The stick force curve must, at a minimum, have a neutrally stable to stable slope at speeds between $1.1 V_{S1}$ and $1.8 V_{S1}$ with—

(1) Landing gear extended; and
(2) The airplane trimmed at—

(i) V_{REF} , or the minimum trim speed if higher, with power off; and

(ii) V_{REF} with enough power to maintain a 3-degree angle of descent.

SC23.177 Static directional and lateral stability:

(a) The static directional stability, as shown by the tendency to recover from a wings level sideslip with the rudder free, must be positive for any landing gear and flap position appropriate to the takeoff, climb, cruise, approach, and landing configurations. This must be shown with symmetrical power up to maximum continuous power, and at speeds from $1.2 V_{S1}$ up to the maximum allowable speed for the condition being investigated. The angle of sideslip for these tests must be appropriate for the airplane type. At larger angles of sideslip, up to where full rudder is used or a control force limit in § 23.143 is reached, whichever occurs first, and at speeds from $1.2 V_{S1}$ to V_O , the rudder pedal force must not reverse.

(b) In straight, steady slips at $1.2 V_{S1}$ for any landing gear and flap positions, and for any symmetrical power conditions up to 50 percent of maximum continuous power, the rudder control movements and forces must increase steadily, but not necessarily in constant proportion, as the angle of sideslip is increased up to the maximum appropriate to the type of airplane. The aileron control movements and forces may increase steadily, but not necessarily in constant proportion, as the angle of sideslip is increased up to the maximum appropriate for the airplane type. At larger slip angles, up to the angle at which the full rudder or aileron control is used or a control force limit contained in § 23.143 is reached, the aileron and rudder control movements and forces must not reverse as the angle of sideslip is increased. Rapid entry into, and recovery from, a maximum sideslip considered appropriate for the airplane must not result in uncontrollable flight characteristics.

Issued in Kansas City, Missouri on March 11, 2014.

Earl Lawrence,

Manager, Small Airplane Directorate, Aircraft Certification Service.

[FR Doc. 2014-05951 Filed 3-17-14; 8:45 am]

BILLING CODE 4910-13-P

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 71

[Docket No. FAA-2014-0076; Airspace Docket No. 14-ANE-4]

Proposed Amendment of Class E Airspace; Bridgeport, CT

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This action proposes to amend Class E Airspace at Bridgeport, CT, as the Bridgeport VOR has been decommissioned, requiring airspace redesign at Igor I. Sikorsky Memorial Airport. This action would enhance the safety and airspace management of Instrument Flight Rules (IFR) operations at the airport. This action also would update the geographic coordinates of Sikorsky Heliport.

DATES: Comments must be received on or before May 2, 2014.

ADDRESSES: Send comments on this rule to: U.S. Department of Transportation, Docket Operations, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590-0001; Telephone: 1-800-647-5527; Fax: 202-493-2251. You must identify the Docket Number FAA-2014-0076; Airspace Docket No. 14-ANE-4, at the beginning of your comments. You may also submit and review received comments through the Internet at <http://www.regulations.gov>.

FOR FURTHER INFORMATION CONTACT: John Fornito, Operations Support Group, Eastern Service Center, Federal Aviation Administration, P.O. Box 20636, Atlanta, Georgia 30320; telephone (404) 305-6364.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to comment on this rule by submitting such written data, views, or arguments, as they may desire. Comments that provide the factual basis supporting the views and suggestions presented are particularly helpful in developing reasoned regulatory decisions on the proposal. Comments are specifically invited on the overall regulatory, aeronautical, economic, environmental, and energy-related aspects of the proposal.

Communications should identify both docket numbers (FAA Docket No. FAA-2014-0076; Airspace Docket No. 14-ANE-4) and be submitted in triplicate to