### DEPARTMENT OF TRANSPORTATION

**Federal Aviation Administration**

**Aviation Rulemaking Advisory Committee; Transport Airplane and Engine Issue Area—New Task**

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

**ACTION:** Notice of new task assignment for the Aviation Rulemaking Advisory Committee (ARAC).

**SUMMARY:** The FAA assigned the Aviation Rulemaking Advisory Committee (ARAC) a new task to identify and develop recommendations on additional requirements for low speed alerting in new transport category airplanes. This task is the first phase of an overall effort to examine new speed alerting in new transport category airplanes. The task is the first phase of an overall effort to examine new speed alerting in new transport category airplanes. This task is the first phase of an overall effort to examine new speed alerting in new transport category airplanes.

**FOR FURTHER INFORMATION CONTACT:** Joe Jacobsen, Airplane & Flight Crew Interface Branch, ANM–111, Transport Airplane Directorate, Federal Aviation Administration, 1601 Lind Ave SW, Renton, Washington, 98057; telephone (425) 227–2011, facsimile (425) 227–1149; e-mail joel.jacobsen@faa.gov.

**SUPPLEMENTARY INFORMATION:**

**Background**

The FAA established ARAC to provide advice and recommendations to the FAA Administrator on the FAA’s rulemaking activities with respect to aviation-related issues. With respect to low speed alerting, the FAA previously revised regulations in the area of flight guidance (autopilot) and performance and handling qualities in icing conditions to improve transport airplane standards for low speed protection (in the case of icing, stall warning standards were enhanced). However, as a result of several recent loss-of-control accidents and incidents, the FAA has identified a need for additional low speed safeguards, in addition to the regulatory actions that have already been taken. The committee will address the first task under the Transport Airplane and Engine Issues, under the existing Avionics Systems Harmonization Working Group.

**The Task**

ARAC is initially tasked with providing information that will be used to develop standards and guidance material for low speed alerting systems. This information may result in standards that complement existing stall warning requirements. The working group will be expected to provide a report that addresses the following low speed alerting technical questions, relative to new aircraft designs (Phase 1 task—new Part 25 standards), and provides the rationale for their responses. If there is disagreement within the working group, those items should be documented, including the rationale from each party and the reasons for the disagreement.

- How much time is needed to alert the crew in order to avoid stall warning or excessive deviation below the intended operating speed?
- What would make the alerting instantly recognizable, clear, and unambiguous to the flightcrew?
- How could nuisance alerts be minimized?
- Could the alerting operate under all operating conditions, configurations, and phases of flight, including icing conditions?
- Could the alerting operate during manual and autoflight?
- Could the system reliability be made consistent with existing regulations and guidance for stall warning systems?
- Are there any regulations or guidance material that might conflict with new standards?
- What recommended guidance material is needed?
- After reviewing airworthiness, safety, cost, and other relevant factors, including recent certification and fleet experience, are there any additional considerations that should be taken into account?
- Is coordination necessary with other harmonization working groups (e.g., Human Factors)? (If yes, coordinate and report on that coordination)

The working group will be also be expected to provide a report that addresses the following low speed alerting technical questions, relative to existing aircraft designs (as a lead-in to the Phase 2 task—retrofit standards), and provides the rationale for their responses. If there is disagreement within the working group, those items should be documented, including the rationale from each party and the reasons for the disagreement.
• How timely is the airplane in alerting the crew of flight below the intended operating speed? How timely relative to stall warning?
• Is alerting instantly recognizable, clear, and unambiguous to the flightcrew?
• How are nuisance alerts minimized?
• Does the alerting operate under all operating conditions, configurations, and phases of flight, including icing conditions?
• Does the alerting operate during manual and autoland?
• After reviewing airworthiness, safety, cost, and other relevant factors, including recent certification and fleet experience, are there any additional considerations that should be taken into account?
• Is coordination necessary with other harmonization working groups (e.g., Human Factors)?
• If improvements are needed for low speed alerting in the existing fleet, should the FAA adopt a design approval holder (part 26) requirement to mandate development of design changes, or would an operational rule be sufficient?

In responding, the working group must address the factors set forth in “FAA Policy Statement: Safety—A Shared Responsibility—New Direction for Addressing Airworthiness Issues for Transport Airplanes” (70 FR 40166, July 12, 2005).

The ARAC working group should provide information that could lead to standards for low speed alerting that can be satisfied with practical design approaches.

Schedule

The required completion date is 9 months after the FAA publishes the task in the Federal Register.

ARAC Acceptance of Task

ARAC accepted the task and assigned it to the existing Aviation Systems Harmonization Working Group in the Transport Airplane and Engine Issue Area. The working group serves as staff to ARAC and assists in the analysis of assigned tasks. ARAC must review and approve the working group’s recommendations. If ARAC accepts the working group’s recommendations, it will forward them to the FAA.

Working Group Activity

The Aviation Systems Harmonization Working Group must comply with the procedures adopted by ARAC. As part of the procedures, the working group must:

1. Recommend a work plan for completion of the task, including the rationale supporting such a plan for consideration at the next meeting of the ARAC on Transport Airplane and Engine Issues held following publication of this notice.
2. Give a detailed conceptual presentation of the proposed recommendations prior to proceeding with the work stated in item 3 below.
3. Draft the appropriate documents and required analyses and/or any other related materials or documents.
4. Provide a status report at each meeting of the ARAC held to consider Transport Airplane and Engine Issues.

Participation in the Working Group

The Aviation Systems Harmonization Working Group is composed of technical experts having an interest in the assigned task. A working group member need not be a representative or a member of the full committee. If you have expertise in the subject matter and wish to become a member of the working group, write to the person listed under the caption FOR FURTHER INFORMATION CONTACT expressing that desire. Describe your interest in the task and state the expertise you would bring to the working group. We must receive all requests by May 3, 2010. The assistant chair, the assistant executive director, and the working group co-chairs will review the requests and advise you whether or not your request is approved.

If you are chosen for membership on the working group, you must represent your aviation community segment and actively participate in the working group by attending all meetings and providing written comments when requested to do so. You must devote the resources necessary to support the working group in meeting any assigned deadlines. You must keep your management chain and those you may represent advised of working group activities and decisions to ensure that the proposed technical solutions do not conflict with your sponsoring organization’s position when the subject being negotiated is presented to ARAC for approval. Once the working group has begun deliberations, members will not be added or substituted without the approval of the assistant chair, the assistant executive director, and the working group co-chairs.

The Secretary of Transportation determined that the formation and use of the ARAC is necessary and in the public interest in connection with the performance of duties imposed on the FAA by law.

Meetings of the ARAC are open to the public. Meetings of the Aviation Systems Harmonization Working Group will not be open to the public, except to the extent individuals with an interest and expertise are selected to participate. The FAA will make no public announcement of working group meetings.

Issued in Washington, DC, on March 29, 2010.

Pamela Hamilton-Powell, Executive Director, Aviation Rulemaking Advisory Committee.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Public Notice for Waiver of Aeronautical Land-Use Assurance Dayton-Wright Brothers Airport; Dayton, OH

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of intent of waiver with respect to land.

SUMMARY: The Federal Aviation Administration (FAA) is considering a proposal to change a portion of the airport from aeronautical use to non-aeronautical use and to authorize the release of 10.829 acres of airport property for permanent public roadway use. The land consists of portions of 4 original airport acquired parcels. These parcels were acquired under grants 5–39–0030–01, 5–39–0030–02, 5–39–0030–03, 5–39–0030–04, 5–39–0030–05, and 3–39–0030–01. There are no impacts to the airport by allowing the City of Dayton to sell the property. The land is not needed for aeronautical use. Approval does not constitute a commitment by the FAA to financially assist in the sale of the subject airport property nor a determination of eligibility for grant-in-aid funding from the FAA. The disposition of proceeds from the sale of the airport property will be in accordance with FAA’s Policy and Procedures Concerning the Use of Airport Revenue, published in the Federal Register on February 16, 1999. In accordance with section 47107(h) of title 49, United States Code, this notice is required to be published in the Federal Register 30 days before modifying the land-use assurance that requires the property to be used for an aeronautical purpose.

DATES: Comments must be received on or before May 3, 2010.

ADDRESSES: Written comments on the Sponsor’s request must be delivered or mailed to: Irene R. Porter, Program Manager, Detroit Airports District