criteria for the evaluation and award of grants.

(c) Services and benefits provided under the ACE grants program are limited to those which will assist eligible farmworkers in securing, retaining, upgrading or returning from agricultural jobs.

(d) Such services will include the following:

1. Agricultural labor skills development;
2. Provision of agricultural labor market information;
3. Transportation;
4. Short-term housing while in transit to an agricultural worksite;
5. Workplace literacy and assistance with English as a second language;
6. Health and safety instruction, including ways of safeguarding the food supply of the United States;
7. Such other services as the Secretary deems appropriate.

(e) Grant funds shall not be used to deliver or replace any services or benefits which an agricultural employer, association, contractor, or any other entity is legally obliged to provide.

§ 2502.6 Recipients of program benefits or services.

(a) Those eligible to receive program services or benefits under the ACE program are farmworkers who meet the definition of “United States Workers” as set forth in § 2502.2.

(b) Grantees shall be responsible for verifying the employment of farmworkers who are actively employed and are seeking to participate in program services or benefits. Unemployed farmworkers seeking to participate shall be required to certify to grantees that they are eligible for program services and benefits as provided herein. Additional eligibility requirements may be included in the RFP.

§ 2502.7 Responsibilities of grantees.

Each grantee is responsible for providing services and/or benefits authorized by this program in accord with a service delivery strategy described in its approved grant plan. The services must reflect the needs of the relevant farmworker population in the area to be served and be consistent with the goals of assisting farmworkers in securing, retaining, upgrading, or returning from agricultural jobs. The necessary components of a service delivery strategy and grant plan will be fully set forth in an RFP but the plan shall include, at a minimum, the following:

(a) The employment and education needs of the farmworker population to be served;

(b) The manner in which the proposed services to be delivered will assist agricultural employers and farmworkers in securing, retaining, upgrading or returning from agricultural jobs;

(c) The manner in which the proposed services will be coordinated with other available services;

(d) The number of participants the grantee expects to serve for each service provided, the results expected and the anticipated expenditures for each category of service.

Subpart C—Grant Applications and Administration

§ 2502.8 Pre-award, award, and post-award procedures and administration of grants.

(a) Unless otherwise provided in this part, the requirements governing pre-award solicitation and submission of proposals and/or applications, the review and evaluation of such, the award of grant funds, and post-award close-out procedures are those set forth at 7 CFR part 2500, subparts A, B, C, D and E.

(b) For purposes of the ACE Grants Program, the provisions § 2500.49 of this chapter shall not apply. In lieu of that provision, the following requirements shall apply: Awardees may not subcontract more than 20 percent of the award to other parties without prior written approval of the ADO. To request approval a justification for the proposed subcontract, a performance statement, and a detailed budget for the subcontract must be submitted in writing to the ADO.

Signed in Washington, DC, on October 14, 2011.

Pearlie S. Reed,
Assistant Secretary for Administration for the Office of the Secretary.

[FR Doc. 2011–27109 Filed 10–26–11; 8:45 am]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 25


Special Conditions: Gulfstream Aerospace LP (GALP) Model G280 Airplane, Operation Without Normal Electrical Power

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed special conditions.

SUMMARY: This action proposes special conditions for the Gulfstream Aerospace LP (GALP) Model G280 airplane. This airplane will have a novel or unusual design feature associated with operation without normal electrical power. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. 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.

DATES: We must receive your comments by November 16, 2011.


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 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. You can inspect the docket 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 based on the comments we receive.

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

Background

On March 30, 2006, GALP applied for a type certificate for their new Model G280 airplane. The G280 will have a novel or unusual design feature associated with operation without normal electrical power.

Type Certification Basis


If the Administrator finds that the applicable airworthiness regulations (i.e., 14 CFR part 25) do not contain adequate or appropriate safety standards for the Model G280 airplane 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 novel or unusual design feature, the special conditions would also apply to the other model.

In addition to the applicable airworthiness regulations and special conditions, the Model G280 airplane 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; and the FAA must issue a finding of regulatory adequacy under §611 of Title 14, subpart C.

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 §21.17(a)(2).

Novel or Unusual Design Features

The Model G280 airplane will incorporate the following novel or unusual design features:

- The Model G280 airplane is equipped with electrical and electronic systems that control critical functions and systems. Examples of these include the electronic displays, rudder, brakes, spoilers, APU, and electronic engine controls. The G280 electrical power generation and distribution architecture is equipped with an essential APU and not equipped with a Ram Air Turbine (RAT) generator. The loss of all electrical power to certain functions and systems impacts the airplane ability to land safely. Therefore, these special conditions are issued to retain the level of safety intended by the current §25.1351(d).

Discussion

The Model G280 airplane requires a continuous source of electrical power for continued safe flight and landing. The current regulation in §25.1351(d), “Operation without normal electrical power,” states that the airplane must be operated safely in VFR conditions, for a period of not less than five minutes, with the normal electrical power (electrical power sources excluding the battery) inoperative. This rule was structured around a traditional design utilizing mechanical controls for flight systems while the crew took time to sort out the electrical failure, start engine(s) if necessary, and re-establish some of the electrical-power-generation capability.

To maintain the same level of safety associated with traditional designs, the Model G280 airplane-electrical-system design must not be time-limited in its operation. It should be noted that service experience has shown that the loss of all electrical power, which is generated by the airplane’s engine generators or auxiliary power unit (APU) is not extremely improbable. Thus, it must be demonstrated that the airplane can continue through safe flight and landing (including steering and braking on ground for airplanes using steer/brake-by-wire) with the use of its emergency electrical-power systems. These emergency electrical-power systems must be able to power loads that are required for continued safe flight and landing.

Applicability

As discussed above, these special conditions are applicable to the GALP Model G280 airplane. Should GALP 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.

Gulfstream Model G280 certification is currently scheduled for December 2011. The substance of these special conditions has been subject to the notice and public-comment procedure in several prior instances. Therefore, because a delay would significantly affect the applicant’s certification of the airplane, we are shortening the public-comment period to 20 days.

Conclusion

This action affects only certain novel or unusual design features on the GALP Model G280 airplane. It is not a rule of general applicability and it affects only the applicant who 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, pursuant to the authority delegated to me by the Administrator, the following proposed special conditions are issued as part of the type-certification basis for GALP Model G280 airplanes. The special conditions are issued in lieu of §25.1351(d) and are required to ensure that the airplane has sufficient electrical power for continued safe flight and landing.

1. The applicant must show by test or a combination of test and analysis that the airplane is capable of continued safe flight and landing with all normal electrical power sources inoperative, as prescribed by paragraphs (1)(a) and (1)(b) below.

For purposes of this special condition, normal sources of electrical-power generation do not include any alternate power sources such as a battery, ram-air turbine (RAT), or independent power systems such as the flight-control permanent-magnet generating system. In showing capability for continued safe flight and landing, consideration must be given to systems capability, effects on crew workload and operating conditions, and the physiological needs of the flightcrew and passengers for the longest diversion time for which approval is sought.

a. Common cause failures, cascading failures, and zonal physical threats must be considered in showing compliance with this requirement.

b. The ability to restore operation of portions of the electrical-power generation and distribution system may be considered if it can be shown that unrecoverable loss of those portions of the system is extremely improbable. An alternative source of electrical power must be provided for the time required to restore the minimum electrical-power-generation capability required for safe flight and landing. Unrecoverable
loss of all engines may be excluded when showing that unrecoverable loss of critical portions of the electrical system is extremely improbable. Unrecoverable loss of all engines is covered in 2, below, and thus may be excluded when showing compliance with this requirement.

2. Regardless of any electrical-generation and distribution-system recovery capability shown under paragraph 1, sufficient electrical-system capability must be provided to:

a. Allow time to descend, with all engines inoperative, at the speed that provides the best glide slope, from the maximum operating altitude to the altitude at which the soonest possible engine restart could be accomplished, and

b. Subsequently allow multiple start attempts of the engines and APU. This capability must be provided in addition to the electrical capability required by existing 14 CFR part 25 requirements related to operation with all engines inoperative.

3. The airplane emergency electrical-power system must be designed to supply:

a. Electrical power required for immediate safety, which must continue to operate without the need for crew action following the loss of the normal electrical power, for a duration sufficient to allow reconfiguration to provide a non-time limited source of electrical power.

b. Electrical power required for continued safe flight and landing for the maximum diversion time.

4. If APU-generated electrical power is used in satisfying the requirements of these special conditions, and if reaching a suitable runway upon which to land is beyond the capacity of the battery systems, then the APU must be able to be started under any foreseeable flight condition prior to the depletion of the battery or the restoration of normal electrical power, which ever occurs first. This capability must be demonstrated by flight tests at the most critical condition.

a. It must be shown that the APU will provide adequate electrical power for continued safe flight and landing.

b. The AFM must incorporate non-normal procedures that will direct the pilot to take appropriate actions to activate the APU after loss of normal engine-driven generated electrical power.

As a part of showing compliance with these special conditions, the tests by which loss of all normal electrical power is demonstrated must also take into account the following:

1. The failure condition should be assumed to occur during night instrument meteorological conditions (IMC), at the most critical phase of the flight, relative to the worst possible electrical-power distribution and equipment-loads-demand condition.

2. After the unrecoverable loss of normal engine generator power, the airplane-engine restart capability must be provided and operations continued in IMC.

3. It should be demonstrated that the aircraft is capable of continued safe flight and landing. The length of time must be computed based on the maximum diversion-time capability for which the airplane is being certified. Consideration for airspeed reductions resulting from the associated failure or failures must be made.

4. The airplane must provide adequate indication of loss of normal electrical power to direct the pilot to the non-normal procedures, and the AFM must incorporate non-normal procedures that will direct the pilot to take appropriate actions.

Issued in Renton, Washington, on October 14, 2011.
Ali Bahrami,
Manager, Transport Airplane Directorate, Aircraft Certification Service.
[FR Doc. 2011–27765 Filed 10–26–11; 8:45 am]
BILLING CODE 4910–13–P

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 71

Proposed Amendment of Class D Airspace; Santa Monica, CA

AGENCY: Federal Aviation Administration (FAA), DOT.
ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This action proposes to modify Class D airspace at Santa Monica Municipal Airport, CA, to accommodate aircraft departing and arriving under Instrument Flight Rules (IFR) at Santa Monica Municipal Airport. This action is a result of the FAA’s biennial review, along with a study of the Santa Monica Municipal Airport airspace area that would further enhance the safety and management of aircraft operations at the airport.

DATES: Comments must be received on or before December 12, 2011.


FOR FURTHER INFORMATION CONTACT: Rick Roberts, Federal Aviation Administration, Operations Support Group, Western Service Center, 1601 Lind Avenue, SW., Renton, WA 98057; telephone (425) 203–4517.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested parties are invited to participate in this proposed rulemaking 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 2011–0611 and Airspace Docket No. 11–AWP–11) and be submitted in triplicate to the Docket Management System (see ADDRESSES section for address and phone number). You may also submit comments through the Internet at http://www.regulations.gov.

Comments wishing the FAA to acknowledge receipt of their comments on this action must submit with those comments a self-addressed stamped postcard on which the following statement is made: “Comments to FAA Docket No. FAA–2011–0611 and Airspace Docket No. 11–AWP–11”. The postcard will be date/time stamped and returned to the commenter.

All communications received on or before the specified closing date for comments will be considered before taking action on the proposed rule. The proposal contained in this action may be changed in light of comments received. All comments submitted will be available for examination in the public docket both before and after the closing date for comments. A report summarizing each substantive public contact with FAA personnel concerned with this rulemaking will be filed in the docket.

Availability of NPRMs

An electronic copy of this document may be downloaded through the