

**Executive Order 12372**

This program/activity is listed in the Catalog of Federal Domestic Assistance under No. 10.025 and is subject to Executive Order 12372, which requires intergovernmental consultation with State and local officials. (See 7 CFR part 3015, subpart V.)

**Executive Order 12988**

This final rule has been reviewed under Executive Order 12988, Civil Justice Reform. This rule: (1) Preempts all State and local laws and regulations that are inconsistent with this rule; (2) has no retroactive effect; and (3) does not require administrative proceedings before parties may file suit in court challenging this rule.

**Paperwork Reduction Act**

This final rule contains no new information collection or recordkeeping requirements under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 *et seq.*).

**List of Subjects**

7 CFR Part 300

Incorporation by reference, Plant diseases and pests, Quarantine.

7 CFR Part 318

Cotton, Cottonseeds, Fruits, Guam, Hawaii, Incorporation by reference, Plant diseases and pests, Puerto Rico, Quarantine, Transportation, Vegetables, Virgin Islands.

Accordingly, we are amending 7 CFR parts 300 and 318 as follows:

**PART 300—INCORPORATION BY REFERENCE**

1. The authority citation for part 300 continues to read as follows:

**Authority:** 7 U.S.C. 7701–7772; 7 CFR 2.22, 2.80, and 371.3.

2. In § 300.1, paragraph (a) is amended as follows:

a. In paragraph (a)(2), by removing the word “and”.

b. In paragraph (a)(3), by removing the period and adding the word “; and” in its place.

c. By adding a new paragraph (a)(4) to read as follows.

**§ 300.1 Plant Protection and Quarantine Treatment Manual.**

(a) \* \* \*

(4) Treatments T102–d–1, T103–e, T106–c, T106–f, and T106–g, dated February 2002.

\* \* \* \* \*

**PART 318—HAWAIIAN AND TERRITORIAL QUARANTINE NOTICES**

3. The authority citation for part 318 is revised to read as follows:

**Authority:** U.S.C. 7711, 7712, 7714, 7731, 7754, and 7756; 7 CFR 2.22, 2.80, and 371.3.

4. In § 318.13–1, the definition of *plant pests* is revised to read as follows:

**§ 318.13–1 Definitions.**

\* \* \* \* \*

*Plant pests.* Any living stage of any of the following that can directly or indirectly injure, cause damage to, or cause disease in any plant or plant product: A protozoan, nonhuman animal, parasitic plant, bacterium, fungus, virus or viroid, infectious agent or other pathogen, or any article similar to or allied with any of those articles.

\* \* \* \* \*

5. In § 318.13–2, paragraph (b), the entry for *Allium* spp. is removed and the following entries are added in its place:

**§ 318.13–2 Regulated articles.**

\* \* \* \* \*

(b) \* \* \*

*Allium* spp. (bulb only).

*Allium tuberosum.*

\* \* \* \* \*

6. Section 318.13–4b is revised to read as follows:

**§ 318.13–4b Administrative instructions; conditions governing the interstate movement from Hawaii of certain fruits for which treatment is required.**

(a) *General restrictions.* Fruits listed in this section may only be moved interstate from Hawaii in accordance with this section or in accordance with other applicable sections in this subpart.

(b) *Eligible fruits.* The following fruits may be moved interstate from Hawaii if, prior to interstate movement, they are inspected for plant pests by an inspector and are then treated for fruit flies under the supervision of an inspector with a treatment prescribed in the Plant Protection and Quarantine (PPQ) Treatment Manual, which is incorporated by reference at § 300.1 of this chapter: Avocados, bell peppers, carambolas, eggplants, Italian squash, litchi, longan, papayas, pineapples (other than smooth cayenne), rambutan, and tomatoes.

(c) *Subsequent handling.* All handling of fruits subsequent to treatment in Hawaii must be carried out under the supervision of an inspector and according to the inspector's instructions.

(d) *Destination restrictions.* Litchi and longan that are moved interstate from

Hawaii under this section may not be moved into Florida due to the litchi rust mite (*Eriophyes litchi*). Cartons used to carry such fruits must be stamped: “Not for movement into or distribution in FL.”

(e) *Costs and charges.* All costs of treatment and any post-treatment safeguards prescribed by an inspector must be borne by the owner of the fruits or the owner's representative. The services of an inspector during regularly assigned hours of duty and at the usual place of duty are furnished by APHIS without charge.

(f) *Department not responsible for damages.* Treatments prescribed in the PPQ Treatment Manual are judged from experimental tests to be safe for use with the fruits listed in paragraph (b) of this section. However, the Department assumes no responsibility for any damage sustained through or in the course of the treatment, or because of safeguards required by an inspector.

**§ 318.13–4d [Removed and Reserved]**

7. Section 318.13–4d is removed and reserved.

**§ 318.13–4e [Removed and Reserved]**

8. Section 318.13–4e is removed and reserved.

**§ 318.13–4h [Removed and Reserved]**

9. Section 318.13–4h is removed and reserved.

Done in Washington, DC, this 10th day of June 2002.

**Peter Fernandez,**

*Acting Administrator, Animal and Plant Health Inspection Service.*

[FR Doc. 02–15073 Filed 6–14–02; 8:45 am]

BILLING CODE 3410–34–P

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

[Docket No. NM219, Special Conditions No. 25–204–SC]

**Special Conditions: Israel Aircraft Industries, Ltd. Model 1124/1124A Airplanes; High Intensity Radiated Fields (HIRF)**

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

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

**SUMMARY:** These special conditions are issued for Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes modified by Duncan Aviation. These airplanes, as

modified by Duncan Aviation, will have novel and unusual design features when compared to the state of technology envisioned in the airworthiness standards for transport category airplanes. The modification incorporates the installation of a dual Collins AHS-3000A Attitude Heading Reference System (AHRS). The applicable airworthiness regulations do not contain adequate or appropriate safety standards for the protection of these systems from the effects of high-intensity radiated fields (HIRF). These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that provided by the existing airworthiness standards.

**DATES:** The effective date of these special conditions is June 6, 2002. Comments must be received on or before July 17, 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. NM219, 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. NM219. 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:** Greg Dunn, FAA, Airplane and Flight Crew Interface Branch, ANM-111, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; telephone (425) 227-2799; 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, and thus delivery, of the affected airplane. 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

On March 28, 2002, Duncan Aviation, Inc., P.O. Box 81887, Lincoln, NE 68501, applied for a supplemental type certificate (STC) to modify Israel Aircraft Industries Ltd. Model 1124/1124A airplanes approved under Type Certificate No. A2SW. The Israel Aircraft Industries, Ltd. 1124/1124A airplanes are executive type transports that have two aft mounted turbine engines, a maximum passenger load of 10 passengers, and a maximum operating speed of 360 knots. The modification incorporates the installation of a dual Collins AHS-3000A Attitude Heading Reference System (AHRS). The AHS-3000A is a solid state, strap-down attitude/heading reference system using quartz based inertial sensor technology. Its primary function is to provide measurements of the airplane's pitch, roll, and heading for use by cockpit displays, flight control and management systems, and other avionics equipment. The basic AHS-3000A system consists of a Collins AHC-3000A Attitude/Heading Computer, a Collins FDU-3000 Flux Detector, and a Collins ECU-3000 External Compensation Unit. These advanced systems use electronics to a far greater extent than the original inertial navigation systems and may be more susceptible to electrical and magnetic interference caused by high-intensity radiated fields (HIRF). This disruption of signals could result in loss of attitude or the display of misleading information to the pilot.

#### Type Certification Basis

Under the provisions of 14 CFR 21.101, Duncan Aviation, Inc. must show that the Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes, as changed, continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A2SW, 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 certification basis for the modified Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes includes Civil Air Regulations (CAR) 4b, effective December 31, 1953, including amendments through amendment level 4b-11. Other applicable amendments, Federal Aviation Regulations, and special conditions are noted in Type Certificate Data Sheet (TCDS) A2SW.

If the Administrator finds that the applicable airworthiness regulations (that is, CAR 4b or 14 CFR part 25, as amended) do not contain adequate or appropriate safety standards for the Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes because of novel or unusual design features, special conditions are prescribed under the provisions of § 21.16.

In addition to the applicable airworthiness regulations and special conditions, the Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes must comply with the fuel vent and exhaust emission requirement of 14 CFR part 34 and the noise certification requirement of part 36.

Special conditions, as defined in 14 CFR 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 Duncan Aviation, Inc. apply at a later date for a supplemental type certificate to modify any other model already included on the same type certificate to incorporate the same novel or unusual design features, these special conditions would also apply to the other model under the provisions of 14 CFR 21.101(a)(1).

#### Novel or Unusual Design Features

The Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes will incorporate a dual Collins AHS-3000A Attitude Heading Reference System, which performs critical functions. Each system consists of a Collins AHC-3000A Attitude/Heading Computer, a Collins

FDU-3000 Flux Detector Unit, and a Collins ECU-3000 External Compensation Unit. Because these advanced systems use electronics to a far greater extent than the original inertial navigation systems, they may be more susceptible to electrical and magnetic interference caused by high-intensity radiated fields (HIRF) external to the airplane. The current airworthiness standards (14 CFR part 25) do not contain adequate or appropriate safety standards that address protecting this equipment from the adverse effects of HIRF. Accordingly, these instruments are considered to be a novel or unusual design feature.

### Discussion

There is no specific regulation that addresses protection requirements for electrical and electronic systems from HIRF. Increased power levels from ground-based radio transmitters and the growing use of sensitive avionics/electronics and electrical systems to command and control airplanes have made it necessary to provide adequate protection.

To ensure that a level of safety is achieved equivalent to that intended by the regulations incorporated by reference, special conditions are needed for the Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes modified to include the new navigation system. These special conditions will require that the new Collins Avionics AHS-3000A Attitude Heading Reference Systems, which perform critical functions, be designed and installed to preclude component damage and interruption of function due to both the direct and indirect effects of HIRF.

### High-Intensity Radiated Fields (HIRF)

With the trend toward increased power levels from ground-based transmitters, plus the advent of space and satellite communications, coupled with electronic command and control of the airplane, the immunity of critical digital avionics/electronics and electrical systems to HIRF must be established.

It is not possible to precisely define the HIRF to which the airplane will be exposed in service. There is also uncertainty concerning the effectiveness of airframe shielding for HIRF. Furthermore, coupling of electromagnetic energy to cockpit-installed equipment through the cockpit window apertures is undefined. Based on surveys and analysis of existing HIRF emitters, an adequate level of protection exists when compliance with the HIRF protection special condition is shown in

accordance with either paragraph 1 or 2 below:

1. A minimum threat of 100 volts rms (root-mean-square) per meter electric field strength from 10 KHz to 18 GHz.

a. The threat must be applied to the system elements and their associated wiring harnesses without the benefit of airframe shielding.

b. Demonstration of this level of protection is established through system tests and analysis.

2. A threat external to the airframe of the field strengths indicated in the table below for the frequency ranges indicated. Both peak and average field strength components from the table below are to be demonstrated.

| Frequency             | Field Strength (volts per meter) |         |
|-----------------------|----------------------------------|---------|
|                       | Peak                             | Average |
| 10 kHz-100 kHz        | 50                               | 50      |
| 100 kHz-500 kHz ..... | 50                               | 50      |
| 500 kHz-2 MHz         | 50                               | 50      |
| 2 MHz-30 MHz          | 100                              | 100     |
| 30 MHz-70 MHz         | 50                               | 50      |
| 70 MHz-100 MHz .....  | 50                               | 50      |
| 100 MHz-200 MHz ..... | 100                              | 100     |
| 200 MHz-400 MHz ..... | 100                              | 100     |
| 400 MHz-700 MHz ..... | 700                              | 50      |
| 700 MHz-1 GHz         | 700                              | 100     |
| 1 GHz-2 GHz ...       | 2000                             | 200     |
| 2 GHz-4 GHz ...       | 3000                             | 200     |
| 4 GHz-6 GHz ...       | 3000                             | 200     |
| 6 GHz-8 GHz ...       | 1000                             | 200     |
| 8 GHz-12 GHz          | 3000                             | 300     |
| 12 GHz-18 GHz         | 2000                             | 200     |
| 18 GHz-40 GHz         | 600                              | 200     |

The field strengths are expressed in terms of peak of the root-mean square (rms) over the complete modulation period.

The threat levels identified above are the result of an FAA review of existing studies on the subject of HIRF, in light of the ongoing work of the Electromagnetic Effects Harmonization Working Group of the Aviation Rulemaking Advisory Committee.

### Applicability

As discussed above, these special conditions are applicable to Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes modified by Duncan Aviation, Inc. to include the Collins AHS-3000A Attitude Heading Reference Systems. Should Duncan Aviation, Inc. apply at a later date for a supplemental type certificate to modify any other model already included on Type Certificate A2SW to incorporate the same novel or unusual design

features, these special conditions would apply to that model as well under the provisions of 14 CFR 21.101(a)(1).

### Conclusion

This action affects only certain design features on Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes modified by Duncan Aviation, Inc. 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 Israel Aircraft Industries, Ltd. Model 1124/1124A airplanes modified by Duncan Aviation, Inc.

1. *Protection from Unwanted Effects of High-Intensity Radiated Fields (HIRF)*. Each electrical and electronic system that performs critical functions must be designed and installed to ensure that the operation and operational capability of these systems to perform critical functions are not adversely affected when the airplane is exposed to high-intensity radiated fields.

2. For the purpose of these special conditions, the following definition applies:

*Critical Functions*. Functions whose failure would contribute to or cause a failure condition that would prevent the continued safe flight and landing of the airplane.

Issued in Renton, Washington, on June 6, 2002.

Ali Bahrami,

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

[FR Doc. 02-15196 Filed 6-14-02; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 71

[Docket No. FAA-2001-10912; Airspace  
Docket No. 00-AWA-6]

RIN 2120-AA66

#### Modification of the Cincinnati/Northern Kentucky International Airport Class B Airspace Area; KY

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

**ACTION:** Final rule.

**SUMMARY:** This action modifies the Cincinnati/Northern Kentucky International Airport (CVG) Class B airspace area. Specifically, this action expands the lateral limits of Area C; reduces the lateral limits of Area F; eliminates Area G; and raises the upper limit of the Class B airspace area from 8,000 feet mean sea level (MSL) to 10,000 feet MSL. The FAA is taking this action to enhance safety, reduce the potential for midair collisions, and improve the management of air traffic operations in the CVG terminal area. Further, this effort supports the FAA's National Airspace Redesign project goal of optimizing terminal and enroute airspace areas to reduce aircraft delays and improve system capacity.

**EFFECTIVE DATE:** 0901 UTC, July 11, 2002.

**FOR FURTHER INFORMATION CONTACT:** Paul Gallant, Airspace and Rules Division, ATA-400, Office of Air Traffic Airspace Management, Federal Aviation Administration, 800 Independence Avenue, SW., Washington, DC 20591; telephone: (202) 267-8783.

#### **SUPPLEMENTARY INFORMATION:**

##### Availability of Final Rule

You can get an electronic copy using the Internet by taking the following steps:

(1) Go to the search function of the Department of Transportation's electronic Docket Management System (DMS) web page (<http://dms.dot.gov/search>).

(2) On the search page, type in the last four digits of the Docket Number shown

at the beginning of this rule. Click on "search."

(3) On the next page, which contains the Docket summary information for the Docket you selected, click on the document number for the item you wish to view.

Also an electronic copy of this document can be downloaded from the FAA regulations section of the Fedworld electronic bulletin board service (telephone: (703) 321-3339) or the **Federal Register's** electronic bulletin board service (telephone: (202) 512-1661) using a modem and suitable communications software.

Internet users may reach the FAA's web page at <http://www.faa.gov> or the Government Printing Office's web page at <http://www.access.gpo.gov/nara> for access to recently published rulemaking documents.

Any person may obtain a copy of this final rule by submitting a request to the Federal Aviation Administration, Office of Air Traffic Airspace Management, Attention: Airspace and Rules Division, ATA-400, 800 Independence Avenue, SW., Washington, DC 20591, or by calling (202) 267-8783.

Communications must identify the docket number of this final rule. Persons interested in being placed on a mailing list for future NPRM's or final rules should contact the Federal Aviation Administration, Office of Rulemaking, (202) 267-9677, to request a copy of Advisory Circular No. 11-2A, Notice of Proposed Rulemaking Distribution System, which describes the application procedure.

#### **Related Rulemaking Actions**

On May 20, 1970, the FAA published the Designation of Federal Airways, Controlled Airspace, and Reporting Points Final Rule in the **Federal Register** (35 FR 7782). This rule provided for the establishment of Terminal Control Airspace (TCA) areas (now known as Class B airspace areas).

On June 21, 1988, the FAA published the Transponder With Automatic Altitude Reporting Capability Requirement Final Rule in the **Federal Register** (53 FR 23356). This rule requires all aircraft to have an altitude encoding transponder when operating within 30 nautical miles (NM) of any designated Class B airspace area primary airport from the surface up to 10,000 feet MSL. This rule excluded those aircraft that were not originally certificated with an engine-driven electrical system (or those that have not subsequently been certified with such a system), balloons, or gliders operating outside of the Class B airspace area, but within 30 NM of the primary airport.

On October 14, 1988, the FAA published the Terminal Control Area Classification and Terminal Control Area Pilot and Navigation Equipment Requirements Final Rule in the **Federal Register** (53 FR 40318). This rule, in part, requires the pilot-in-command of a civil aircraft operating within a Class B airspace area to hold at least a private pilot certificate, except for a student pilot who has received certain documented training.

On December 17, 1991, the FAA published the Airspace Reclassification Final Rule in the **Federal Register** (56 FR 65638). This rule discontinued the use of the term "Terminal Control Area" and replaced it with the designation "Class B airspace area." This change in terminology is reflected in this final rule.

#### **Background**

The Class B airspace area program was developed to reduce the potential for midair collision in the congested airspace surrounding airports with high density air traffic operations by providing an area wherein all aircraft are subject to certain operating rules and equipment requirements. The density of traffic and the type of operations being conducted in the airspace surrounding major terminals increase the probability of midair collisions.

In 1970, a study of terminal airspace areas found that the majority of midair collisions occurred between a general aviation (GA) aircraft and an air carrier, or military aircraft, or another GA aircraft. The basic causal factor common to these conflicts was the mix of aircraft operating under visual flight rules (VFR) and aircraft operating under instrument flight rules (IFR). The establishment of Class B airspace areas provides a method to accommodate increasing numbers of IFR and VFR operations. The regulatory requirements of Class B airspace areas afford the greatest protection for the greatest number of people by giving air traffic control (ATC) the increased capability to provide aircraft separation service, thereby minimizing the mix of controlled and uncontrolled aircraft.

The standard configuration of Class B airspace areas normally contains three concentric circles centered on the primary airport extending to 10, 20, and 30 NM, respectively. The standard vertical limit of these airspace areas normally should not exceed 10,000 feet MSL, with the floor established at the surface in the inner area, and at levels appropriate to the containment of operations in the outer areas. Variations of these configurations may be utilized contingent on the terrain, adjacent