

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

N 8900.147

National Policy

Effective Date:
2/25/11

Cancellation Date:
2/25/12

SUBJ: OpSpec/MSpec/LOA A061—Use of Electronic Flight Bag

1. Purpose of this Notice. This notice provides revised guidance for Federal Aviation Administration (FAA) certificate-holding district offices (CHDO) and principal operations inspectors (POI) assigned to operators conducting airplane operations under Title 14 of the Code of Federal Regulations (14 CFR) parts 91 subpart K (part 91K), 121, 125 (including the Letter of Deviation Authority (LODA) A125 operators), and 135. This notice amends and clarifies the authorization (A061) for the use of Electronic Flight Bags (EFB). This notice amends all A061 templates (i.e., operations specification (OpSpec) A061, management specification (MSpec) MA061, and letter of authority (LOA) A061) for operators conducting airplane operations under parts 91K, 121, 125 (including the LODA A125 operators), and 135. This is a mandatory change to A061.

2. Audience. The primary audience for this notice is FAA CHDOs and POIs assigned to operators conducting airplane operations under parts 91K, 121, 125 (including the LODA A125 operators), and 135. The secondary audience includes Flight Standards divisions and branches in the regions and in headquarters (HQ).

3. Where You Can Find This Notice. You can find this notice on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices. Inspectors can access this notice through the Flight Standards Information Management System (FSIMS) at <http://fsims.avs.faa.gov>. Operators may find this information on the FAA's Web site at <http://fsims.faa.gov>.

4. Background. Previously, only Class 3 EFBs required an A061 listing. In this revision, Class 1 EFBs installed with Type B software and all Class 2 EFBs require listing in Table 1 of A061. Due to the increase in the complexity and use of Class 1 and 2 EFBs, this data will provide a method to locate operators authorized for use of a specific make, model, and software type for operational or reliability reasons.

5. Guidance. The Flight Technologies and Procedures Division (AFS-400)—in cooperation with the Air Transportation Division (AFS-200), the General Aviation and Commercial Aviation Division (AFS-800), and industry members of the Operations Specification Working Group (OSWG)—developed this notice. This notice contains the following:

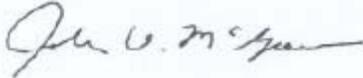
- The sample OpSpec A061 template that applies to part 121 in Appendix A.

- The sample OpSpec A061 template that applies to part 125 in Appendix B.
- The sample OpSpec A061 template that applies to part 135 in Appendix C.
- The sample OpSpec A061 template that applies to part 121/135 in Appendix D.
- The sample MSpec MA061 template that applies to part 91K in Appendix E.
- The sample LOA A061 template that applies to part 125 subpart M in Appendix F.

6. Action. POIs should review the revised guidance for issuance of the paragraph contained in this notice. POIs should provide this notice to the operators for whom they are responsible, alerting them to updated operating procedures as well as required pilot knowledge and training. This authorization is mandatory, with a compliance date of 90 days from the date of this notice.

7. Disposition. We will permanently incorporate the information in this notice into FSIMS before this notice expires. Direct questions concerning the information in this notice to the Future Flight Technologies Branch (AFS-430) at 202-385-4743.

for



John M. Allen
Director, Flight Standards Service

Appendix A. Sample OpSpec A061, Use of Electronic Flight Bag: 14 CFR Part 121

- a. **Authority.** The certificate holder is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this operations specification.
- b. **Class 1 Devices.** The certificate holder is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. **Class 2 Devices.** The certificate holder is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. **Class 3 Devices.** The certificate holder is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacture, and Model	EFB Software Type, Source, Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. **Training Program.** The certificate holder's approved training program must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. **Database Management.** The certificate holder must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions of the EFB.
- g. **Functionality.** The certificate holder is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. **EFB Maintenance.** The certificate holder's approved training program must include and document the use of and/or maintenance of the EFB.

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Appendix B. Sample OpSpec A061, Use of Electronic Flight Bag: 14 CFR Part 125

- a. **Authority.** The certificate holder is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this operations specification.
- b. **Class 1 Devices.** The certificate holder is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. **Class 2 Devices.** The certificate holder is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. **Class 3 Devices.** The certificate holder is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacturer, and Model	EFB Software Type, Source, R Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. **Training Program.** The certificate holder's training program must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. **Database Management.** The certificate holder must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions of the EFB.
- g. **Functionality.** The certificate holder is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. **EFB Maintenance.** The certificate holder's training program must include and document the use of and/or maintenance of the EFB.

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Appendix C. Sample OpSpec A061, Use of Electronic Flight Bag: 14 CFR Part 135

- a. **Authority.** The certificate holder is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this operations specification.
- b. **Class 1 Devices.** The certificate holder is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. **Class 2 Devices.** The certificate holder is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. **Class 3 Devices.** The certificate holder is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacturer, and Model	EFB Software, Type, Source, n Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. **Training Program.** The certificate holder's approved training program must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. **Database Management.** The certificate holder must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions of the EFB.
- g. **Functionality.** The certificate holder is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. **EFB Maintenance.** The certificate holder's approved training program must include and document the use of and/or maintenance of the EFB.

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Appendix D. Sample OpSpec A061, Use of Electronic Flight Bag: 14 CFR Part 121/135

- a. Authority. The certificate holder is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this operations specification.
- b. Class 1 Devices. The certificate holder is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. Class 2 Devices. The certificate holder is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. Class 3 Devices. The certificate holder is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacturer, and Model	EFB Software, Type, Source, Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. Training Program. The certificate holder's approved training program must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. Database Management. The certificate holder must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions of the EFB.
- g. Functionality. The certificate holder is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. EFB Maintenance. The certificate holder's approved training program must include and document the use of and/or maintenance of the EFB.

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Appendix E. Sample MSpec MA061, Use of Electronic Flight Bag: 14 CFR Part 91 Subpart K

- a. Authority. The program manager is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this management specification.
- b. Class 1 Devices. The program manager is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. Class 2 Devices. The program manager is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. Class 3 Devices. The program manager is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacturer, and Model	EFB Software, Type, Source, Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. Training Program. The program manager's approved training program must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. Database Management. The program manager must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions.
- g. Functionality. The program manager is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. EFB Maintenance. The program manager's approved training program must include and document the use of and/or maintenance of the EFB.

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Appendix F. Sample LOA A061, Use of Electronic Flight Bag: 14 CFR Part 125M**Letter of Authorization Use of Electronic Flight Bag**

- a. Authorization. The Operator/Company, authorized to conduct operations in accordance with the Letter of Deviation Authority (LODA) A125, is authorized to conduct operations using an Electronic Flight Bag (EFB) in accordance with the limitations and provisions of this letter of authorization.
- b. Class 1 Devices. The Operator/Company is authorized to use Class 1 EFB devices with the associated Type B software as listed in Table 1.
- c. Class 2 Devices. The Operator/Company is authorized to use Class 2 EFB devices with the associated types of software as listed in Table 1. The aircraft must have the proper airworthiness approvals for any power, data connectivity, or mounting in the aircraft.
- d. Class 3 Devices. The Operator/Company is authorized to use the Class 3 EFB devices with the Type C software revision number and, if applicable, the name of the associated Type A or B software as listed in Table 1.

Table 1—Authorized Use of EFB and Applicable Software Revision

Aircraft M/M/S	Hardware Class, Manufacturer, and Model	EFB Software, Type, Source, Version #	Restrictions and Limitations	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

- e. Training Program. The Operator/Company's training must include appropriate flightcrew training on the use of any EFB listed in Table 1.
- f. Database Management. The Operator/Company must specify in its manual the procedures for updating and maintaining any databases necessary to perform the intended functions.
- g. Functionality. The Operator/Company is responsible to ensure that the EFB and associated software will provide the necessary data, information, functionality, and solutions to perform the intended flight functions and, if not, provide substitute information in non-electronic form.
- h. EFB Maintenance. The Operator/Company's training must include and document the use of and/or maintenance of the EFB.

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