

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

N 8900.52

National Policy

Effective Date:
10/14/2008

Cancellation Date:
10/14/2009

SUBJ: Revision to the Templates of Training Specifications Issued to 14 CFR
Part 142 Air Agencies

1. Purpose of This Notice. This notice advises Training Center Program Managers (TCPM) of the revisions to the training specification templates issued to Title 14 of the Code of Federal Regulations (14 CFR) part 142 certificate holders.

2. Audience. The primary audience for this notice is Flight Standards District Office (FSDO), TCPMs, and aviation safety inspectors (ASI) who issue training specifications to part 142 training centers. The secondary audience includes Flight Standards branches and divisions in the regions and in headquarters.

3. Where You Can Find This Notice. Inspectors can access this notice through the Flight Standards Information Management System (FSIMS) at <http://fsims.avs.faa.gov>. Operators and the public can find this change at <http://fsims.faa.gov>. The revised training specifications paragraphs will be available through the automated Operations Safety System (OPSS).

4. Background.

a. Training Center Certificate. Part 142 requires the Administrator to issue training specifications to training centers certificated under part 142. Section 142.5, Certificate and Training Specifications Required, paragraph (a) states:

“No person may operate a certificated training center without, or in violation of, training center certificate and training specifications issued under this part.”

b. Revised Training Specifications. The Federal Aviation Administration (FAA) issues training specifications using standard templates for each paragraph. Since the inception of part 142, various training center policies and procedures have been revised to reflect current regulations and operating policies. These revisions have necessitated the updating of our existing training specifications to reflect more accurately current policies, procedures, and industry practices. Additionally, the new templates will ease a center’s transition into FAA’s Web-based automated Operations Safety System (WEBOPSS), which will make full automation of a center’s training specifications a reality.

5. Explanation of Changes.

a. Paragraph A002: Definitions and Abbreviations. The following definitions are added to conform with 14 CFR part 60. National Simulation Program Manager (NSPM), Training Program Approval Authority (TPAA), Sponsor, Class I Airport Model, Class II Airport Model, and Class III Airport Model have been added. The definitions for Flight Simulation Training Device (FSTD), Flight Training Equipment, Flight Training Device (FTD), and Full Flight Simulator (FFS) have been revised to accurately reflect 14 CFR part 60. Appendix A contains a sample of paragraph A002.

b. Paragraph A015: Flight Simulation Training Device (FSTD) Authorization. Modified language to reflect that found in part 60. Removed the Operator's ID number from the table. Revised the table "Location" to include City/State/Country. Added associated job aid to OPSS for Training Specification A015. Appendix A contains a sample of paragraph A015.

c. Paragraph D002: Levels A and B Full Flight Simulator Maintenance Requirements. Revised paragraph D002 to conform with part 60. Sponsors are required to provide FSTD operators (instructors/check airmen) with a means of determining the airport model classification (Class I, Class II, or Class III) used for training, testing, and/or checking. Class III model airports must be listed with associated limitations and/or provisions. Except for the airport model(s) used to qualify the simulator at the designated level, each airport model used by the certificate holder's instructors or evaluators for training, checking, or testing in a full flight simulator must meet the definition of a Class II or Class III airport model as defined in part 60 on or before May 30, 2009 (reference Attachment 6 to Appendix A to part 60—FSTD Directives Applicable to Airplane Flight Simulators). Added associated job aid to OPSS for Training Specification D002. Appendix A contains a sample of paragraph D002.

d. Paragraph D003: Level C Full Flight Simulator Maintenance Requirements. Revised paragraph D003 to conform with part 60. Sponsors are required to provide FSTD operators (instructors/check airmen) with a means of determining the airport model classification (Class I, Class II, or Class III) used for training, testing, and/or checking. Class III model airports must be listed with associated limitations and/or provisions. Except for the airport model(s) used to qualify the simulator at the designated level, each airport model used by the certificate holder's instructors or evaluators for training, checking, or testing must meet the definition of a Class II or Class III airport model as defined in part 60 on or before May 30, 2009 (reference Attachment 6 to Appendix A to part 60). Added associated job aid to OPSS for Training Specification D003. Appendix A contains a sample of paragraph D003.

e. Paragraph D004: Level D Full Flight Simulator Maintenance Requirements. Revised paragraph D004 to conform with part 60. Sponsors are required to provide FSTD operators (instructors/check airmen) with a means of determining the airport model classification (Class I, Class II, or Class III) used for training, testing, and/or checking. Class III model airports must be listed with associated limitations and/or provisions. Except for the airport model(s) used to qualify the simulator at the designated level, each airport model used by the certificate holder's instructors or evaluators for training, checking, or testing in a full flight simulator must meet the definition of a Class II or Class III airport model as defined in part 60 on or before

May 30, 2009 (reference Attachment 6 to Appendix A to part 60). Added associated job aid to OPSS for Training Specification D004. Appendix A contains a sample of paragraph D004.

f. Paragraph C075: Circling Approach Procedures Authorized. Revised the authorization table, and added associated job aid to OPSS for Training Specification C075. Appendix A contains a sample of paragraph C075.

6. Action. These revisions are mandatory. TCPMs shall coordinate with their assigned training centers and issue the revised training specifications within 90 days of the date of this notice.

7. Disposition. This notice concerns a one-time change to the training specifications template and will expire one year from its effective date. Direct questions concerning this notice to the Air Transportation Division, Air Carrier Training Branch, AFS-210 at (202) 493-5259.

ORIGINAL SIGNED by
John M. Allen for

James J. Ballough
Director, Flight Standards Service

Appendix A. Sample Paragraphs A002, A015, D002, D003, D004, and C075

A002. Definitions and Abbreviations

HQ Control: DATE
 HQ Revision: 040

a. Unless otherwise defined in these training specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in Title 14 of the Code of Federal Regulations (14 CFR) and Title 49 United States Code, Subtitle VII, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these training specifications.

Term or Terms	Definition
Checking operations	Those operations associated with the initial and recurring evaluations (e.g., flight reviews, proficiency checks, etc.) of an airman's or other individual's qualifications.
Class I Airport Model	A real world or fictional airport (or landing area for helicopters), meeting the requirements of Table A3B or C3B of 14 CFR part 60 Attachment 3 to Appendix A or C. Class I models are the minimum evaluated by the NSPM for initial certification, and listed in the Statement of Qualification (SOQ).
Class II Airport Model	A real world or fictional airport (or landing area for helicopters) in excess of those used for simulator qualification. The certificate holder is responsible for determining that these models meet the requirements of Table A3C or C3C of 14 CFR part 60 Attachment 3 to Appendix A or C.
Class III Airport Model	A special class used for specific purposes. Models may be incomplete or inaccurate when viewed without restriction, but when appropriate limits are applied, may not be recognized as such by the crewmember being trained, tested, or checked. Class III models do not require NSPM certification; however, TPAA acceptance for training, testing and/or checking is required and the airport models must be listed with required limitations and provisions in paragraphs D002, D003, and/or D004 of these training specifications.
Flight Simulation Training Device (FSTD)	A full flight simulator (FFS) or a flight training device (FTD).
Flight Training Device (FTD)	A replica of aircraft instruments, equipment, panels, and controls in an open flight deck replica. It includes the equipment and computer programs necessary to represent aircraft (or a set of aircraft) operations in ground and flight conditions having the full range of capabilities of the systems installed in the device as described in 14 CFR part 60, and the qualification performance standard for a specific qualification level.
Flight Training Equipment	A flight simulation training device (FSTD) or an aircraft.
Foreign Certificate Holder	A foreign certificate holder is a training center located outside the United States (see definition of United States in 14 CFR part 1) that has been certified in accordance with 14 CFR part 142. Designators for foreign training centers and satellites end with a "W."

Term or Terms	Definition
Full Flight Simulator (FFS)	A replica of a specific type, make, model, or series aircraft. It includes the equipment and computer programs necessary to represent aircraft operations in ground and flight conditions, a visual system providing an out-of-the-flight deck view, a system that provides cues at least equivalent to those of a three-degree-of-freedom motion system, and has the full range of capabilities of the systems installed in the device as described in 14 CFR part 60, and the qualification performance standard for a specific FFS qualification level.
National Simulator Program Manager (NSPM)	The FAA manager responsible for the overall administration and direction of the National Simulator Program (NSP).
One Year	12 consecutive calendar-months ending the last day of the 12th month.
Remote Training Site	A remote training site is one that is temporary in nature and is distinguished by the fact that it may utilize facilities, such as simulators or classrooms, which are not under the operational control of the certificate holding training center (principal training center). The management staffing and training curriculum and courseware must remain under the control of the principal training center.
Satellite Training Center	Satellite training centers are considered to be permanent in nature and they function under the operational control of the training center certificate holder (principal training center). Although physically separated, ultimate responsibility for satellite operations rests with the principal training center. The principal training center retains operational control of the flight simulators, training facilities, curricula, and courseware at the satellite training center. Satellite training centers are authorized in the training specifications of the certificate holding training center.
Sponsor	A certificate holder who seeks or maintains FSTD qualification and is responsible for the prescribed actions as prescribed in 14 CFR part 60 and the Qualification Performance Standard for the appropriate FSTD and qualification level.
Testing operations	Those operations associated with performing practical tests in accordance with the Practical Test Standards that apply towards airman certification.
Training Program Approval Authority (TPAA)	A person authorized by the Administrator to approve the aircraft flight training program in which an FSTD will be used. The TPAA for a 14 CFR part 142 Training Center is the Training Center Program Manager (TCPM).
Training Specifications	A document issued to a training center certificate holder by the Administrator that prescribes that center's training, checking, and testing authorizations and limitations, and specifies training program requirements.

TEXT99

A015. Flight Simulation Training Device (FSTD) Authorization **HQ Control: DATE**
HQ Revision: 020

a. The certificate holder is authorized to conduct training, testing, and/or checking, as described in the approved training program, in the following FSTDs providing the certificate holder has, for adequate periods of time and at a location approved by the Administrator, exclusive use of the FSTD. Additionally, the certificate holder must ensure that the FSTD remains qualified in accordance with the requirements of 14 CFR part 60 and 14 CFR part 142, § 142.59 for all training, testing, and/or checking activities.

Table 1. Authorized Flight Simulation Training Devices

Aircraft Make/Model/Series	FAA Simulator ID Number	Simulator Level	Location City/State/Country	Remarks
TABL01	TABL02	TABL03	TABL04	TABL05

TEXT99

D002. Level A and B Full Flight Simulator Maintenance Requirements

HQ Control: DATE
HQ Revision: 030

a. The Level A and Level B Full Flight Simulators (FFS) listed in paragraph A015 of these training specifications are approved for use in the training program provided the following conditions are met:

(1) The FFS remains programmed with the same computer software that was used during the initial qualification or other software that has been approved by the National Simulation Program Manager (NSPM).

(2) The FFS is maintained to ensure retention of the performance, function, or other characteristics present during initial qualification.

(3) The FFS is evaluated on a recurrent basis by the NSPM in accordance with a schedule to be determined by the NSPM.

b. The certificate holder is required to provide the instructor/evaluator operating a Level A or Level B FFS listed in paragraph A015 with a means of determining the airport model classification for airports approved for training, testing, and/or checking activities. The method used is at the option of the certificate holder; however, it must be available for review by the Training Program Approval Authority (TPAA).

c. The use of Class III airport model(s) listed in Table 1 for training, testing, and/or checking activities in a Level A or Level B full flight simulator is authorized with associated limitations and/or provisions:

Table 1. Level A and Level B Class III Airport Model Limitations/Provisions

Aircraft Make/Model/Series	FAA Simulator ID Number	ICAO Airport Code	Limitations/Provisions
TABL01	TABL02	TABL03	TABL04

d. The certificate holder is required to make available, during all evaluations by the NSPM, a pilot qualified in the make, model, and series of aircraft represented by the FFS being evaluated.

TEXT99

D003. Level C Full Flight Simulator Maintenance Requirements **HQ Control: DATE**
HQ Revision: 030

a. The Level C Full Flight Simulators (FFS) listed in paragraph A015 of these training specifications are approved for use in the training program provided the following conditions are met:

(1) The FFS remains programmed with the same computer software that was used during the initial qualification or other software that has been approved by the National Simulation Program Manager (NSPM).

(2) The FFS is maintained to ensure retention of the performance, function, or other characteristics present during initial qualification.

(3) The FFS is evaluated on a recurrent basis by the NSPM in accordance with a schedule to be determined by the NSPM.

b. The certificate holder is required to provide the instructor/evaluator operating a Level C FFS listed in paragraph A015 with a means of determining the airport model classification for airports approved for training, testing, and/or checking activities. The method used is at the option of the certificate holder; however, it must be available for review by the Training Program Approval Authority (TPAA).

c. The use of Class III airport model(s) listed in Table 1 for training, testing, and/or checking activities in a Level C FFS is authorized with associated limitations and/or provisions:

Table 1. Level C Class III Airport Model Limitations/Provisions

Aircraft Make/Model/Series	FAA Simulator ID Number	ICAO Airport Code	Limitations/Provisions
TABL01	TABL02	TABL03	TABL04

d. The certificate holder is required to make available, during all evaluations by the NSPM, a pilot qualified in the make, model, and series of aircraft represented by the full flight simulator being evaluated.

TEXT99

D004. Level D Full Flight Simulator Maintenance Requirements **HQ Control: DATE**
HQ Revision: 030

a. The Level D Full Flight Simulators (FFS) listed in paragraph A015 of these training specifications are approved for use in the training program provided the following conditions are met:

(1) The FFS remains programmed with the same computer software that was used during the initial qualification or other software that has been approved by the National Simulation Program Manager (NSPM).

(2) The FFS is maintained to ensure retention of the performance, function, or other characteristics present during initial qualification.

(3) The FFS is evaluated on a recurrent basis by the NSPM in accordance with a schedule to be determined by the NSPM.

b. The certificate holder is required to provide the instructor/evaluator operating a Level D full flight simulator listed in paragraph A015 with a means of determining the airport model classification for airports approved for training, testing, and/or checking activities. The method used is at the option of the certificate holder; however, it must be available for review by the Training Program Approval Authority (TPAA).

c. The use of Class III airport model(s) listed in Table 1 for training, testing, and/or checking activities in a Level D FFS is authorized with associated limitations and/or provisions:

Table 1. Level D Class III Airport Model Limitations/Provisions

Aircraft Make/Model/Series	FAA Simulator ID Number	ICAO Airport Code	Limitations/Provisions
TABL01	TABL02	TABL03	TABL04

d. The certificate holder is required to make available, during all evaluations by the NSPM, a pilot qualified in the make, model, and series of aircraft represented by the FFS being evaluated.

TEXT99

C075. Circling Approach Procedures.

HQ Control: DATE
HQ Revision: 010

- a. The certificate holder is authorized to conduct training, testing, and/or checking in the circling approach maneuver subject to the appropriate Practical Test Standards for airman certification under 14 CFR part 61.
- b. Flight simulators and associated airports and runways authorized for the circling maneuver are listed in Table 1.

Table 1. Circling Approach Procedures Authorized

Aircraft Make/Model/Series	FAA Simulator ID Number	ICAO Airport Code	Approach Title	Landing Runway	Limitations Restrictions
TABL01	TABL02	TABL03	TABL04	TABL05	TABL06

TEXT99