

Unscoped DCT Report (Standard DCT)

MLF Label: 2.1.3 (OP) Simulators / Training Devices (Released)

DCT Type: EP DCT

Specialty: Operations

Peer Group: E - Part 135 (HAA)

DCT Revision: 9.0 on 07/13/2016 (Released)

Summary Information

Purpose (Certificate Holder Responsibility): To use simulators, training devices, and training aids that meet the requirements of the training programs.

Objective (FAA Responsibility): Determine; (1) If the CH followed the accepted or approved process; (2) If the CH used simulators, training devices, and training aids that met the requirements of the training programs.

Questions	Answers	References
2.1.3 (OP) Simulators / Training Devices		
1. Was the individual with responsibility qualified, knowledgeable and accountable, and did they effectively manage the planning, organizing, directing, and control of this element? NOTE: Safety Attribute: Management Responsibility, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 6.0 07/12/2016, QID: 00010687, Response Details: EP & ED DCTs (Both OP and AW), Status: Released	<input type="radio"/> Yes, as documented to the FAA <input type="radio"/> No <input type="radio"/> Not Observable <input type="radio"/> Not Applicable	
2. Was the individual with authority qualified and knowledgeable and effectively directing, controlling, or changing procedures, and making key determinations including safety risk acceptance decisions?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Observable	

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

<p>NOTE:</p> <p>Safety Attribute: Management Authority, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 6.0 07/12/2016, QID: 00010688, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Not Applicable</p>	
<p>3. Did the certificate holder continuously monitor and measure the safety performance of this element to identify deficiencies and implement necessary action(s)?</p> <p>NOTE:</p> <p>Safety Attribute: Process Measurement, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 6.0 07/12/2016, QID: 00010685, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Observable <input type="radio"/> Not Applicable</p>	
<p>4. Did the certificate holder follow policies, procedures, instructions, and information for this element?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 6.0 07/12/2016, QID: 00010682, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Observable <input type="radio"/> Not Applicable</p>	
<p>5. Were the simulators and training devices used in the certificate holder's training program approved by the Administrator and:</p> <p>#1 Specifically approved for the certificate holder;</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Observable</p>	<p>135.335(a); 135.335(b)</p>

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

<p>#2 Approved for the particular maneuvers, procedures and crewmember functions;</p> <p>#3 Maintained for the performance, functional, and other characteristics that are required for approval;</p> <p>#4 Approved for the type aircraft and, if applicable, the particular variation within type for which the training or check is being conducted; and</p> <p>#5 Modified to conform with any modification to the aircraft being simulated that changes the performance, functional, or other characteristics required for approval?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES" OR "FLIGHT SIMULATORS") , Rev. 4.0 04/20/2016, QID: 00012424, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Not Applicable</p>	
<p>6. Did the Operator prepare and keep current a written training program that included a list of all the training devices, mockups, systems trainers, procedures trainers, or other training aids?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES" OR "FLIGHT SIMULATORS") , Rev. 1.0 09/20/2012, QID: 00012430, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>135.327(b)</p>
<p>7. Did the training courses using aircraft simulators and other training devices receive approval by the FAA before being included in the certificate holder's training programs?</p> <p>NOTE: In granting initial and final approval or revisions of training programs, the FAA considers the training devices, methods, and procedures listed in the certificate holder's curriculum required under 135.327.</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>135.327(b); 135.335(d)</p>

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

<p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES" OR "FLIGHT SIMULATORS"), Rev. 4.0 04/20/2016, QID: 00012431, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>8. Did each aircraft simulator and other training devices used in a training course or in checks receive approval for:</p> <p>#1 The Operator; and</p> <p>#2 The particular maneuver, procedure, or crewmember function involved?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES" OR "FLIGHT SIMULATORS"), Rev. 3.0 06/23/2014, QID: 00012432, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>AC-120-40; 135.335(b)</p>
<p>9. Did the simulator or other training devices used maintain the performance, function, and other characteristics required for approval?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES" OR "FLIGHT SIMULATORS"), Rev. 4.0 04/20/2016, QID: 00012435, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>AC-120-40; 135.335(b)</p>
<p>10. Were the aircraft simulators:</p> <p>#1 Approved for the type of aircraft and, if applicable, the particular variation within the type for which the training or check was conducted; and</p> <p>#2 Modified to conform to any modification of the aircraft being simulated that changes the performance, function, or other characteristics required for approval?</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>135.335(b)</p>

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

<p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT SIMULATORS"), Rev. 2.0 06/23/2014, QID: 00012436, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>11. Did the Operator ensure that before any level 4 through level 5 flight training device was used, it was evaluated by the Principal Operations Inspector to determine if it met the prescribed requirements for the appropriate level of flight training device?</p> <p>NOTE: Level 1 through 3 FTD's may not be used in Part 121 or Part 135 training programs.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "135") AND (TRAINING EQUIPMENT = "FLIGHT TRAINING DEVICES"), Rev. 2.0 02/18/2014, QID: 00012439, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 6</p>
<p>12. Were the certificate holder's controls for this element effective in achieving the intended results?</p> <p>NOTE: Controls associated with this element may include, but are not limited to, hardware, software, special procedures or procedural steps, checklists, or supervisory practices.</p> <p>Safety Attribute: Controls, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145"), Rev. 6.0 07/12/2016, QID: 00010684, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p> <p><input type="radio"/> Not Applicable</p>	
<p>13. Were the certificate holder's interfaces effective for this element?</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Observable</p>	

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

NOTE:

Not Applicable

Safety Attribute: Interfaces, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 6.0 07/12/2016, QID: 00010686, Response Details: EP & ED DCTs (Both OP and AW), Status: Released

Response Details List EP & ED DCTs (Both OP and AW) (Released , 1.0)

1	Unclear procedure(s)
2	Conflicting procedure(s)
3	Used workaround(s)
4	Skipped process step(s)
5	Personnel failed to follow process (procedures, guidance, etc)
6	Procedures/guidance not available
7	Procedures/guidance not current
8	Inconsistent procedure(s)
9	Undocumented procedure(s)
10	Minor typographical error(s) (i.e. record entries)
11	Information missing
12	Communication failure(s)
13	Personnel failed to perform task
14	Process failed to meet desired outcome
15	Process oversight failure
16	Equipment/tools not available
17	Equipment/tools not adequate
18	Equipment/tools not calibrated
19	Facilities not adequate

2.1.3 (OP) Simulators / Training Devices, Performance Assessment, OP, Peer Group E - Part 135 (HAA), Revision: 9.0 on 07/13/2016

20	Other
Response Details List N/O Response Detail (Released , 1.0)	
1	Personnel (i.e. key certificate holder personnel not present/available)
2	Equipment (i.e. equipment not present/available/in serviceable condition)
3	Event did not occur (i.e. the drunk passenger did not show up for the flight...)
4	Time Constraints (i.e. resources/workload)
5	Weather (i.e. weather needed for observation not present or weather made observation impossible)
6	Other
Response Details List N/A Response Detail (Released , 1.0)	
1	Operator not authorized by OpSpecs
2	Equipment not equipped/authorized
3	Not applicable due to exemption, deviation, or exception
4	Not authorized by regulation
5	Not authorized by Order
6	Not authorized by Notice
7	Not authorized/recommended by Advisory Circular
8	Not authorized by Policy Letter, Legal Interpretation, or other guidance
9	Other