

2.1.1 (OP) Training of Flight Crewmembers, Design Assessment, OP, Peer Group A - Part 121 Air Operators, Revision: 15.0 on 07/13/2016

Unscoped DCT Report (Standard DCT)

MLF Label: 2.1.1 (OP) Training of Flight Crewmembers (Released)

DCT Type: ED DCT

Specialty: Operations

Peer Group: A - Part 121 Air Operators

DCT Revision: 15.0 on 07/13/2016 (Released)

Summary Information

Purpose (Certificate Holder Responsibility): To train and qualify flight crewmembers.

Objective (FAA Responsibility): Determine if the CH will be able to; (1) Comply with regulations; (2) Train and qualify flight crewmembers.

Questions	Answers	References
2.1.1 (OP) Training of Flight Crewmembers		
<p>1. Is the individual with responsibility clearly identifiable and required to have the knowledge and qualifications necessary to plan, organize, direct and control activities for this element?</p> <p>NOTE:</p> <p>Safety Attribute: Management Responsibility, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 5.0 07/12/2016, QID: 00010624, 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 Applicable</p>	
<p>2. Is the individual with authority clearly identifiable, and required to have the knowledge and qualifications necessary to direct, control, or change procedures, and make key decisions, such as safety risk acceptance, associated with this element?</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	

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<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. 5.0 07/12/2016, QID: 00010630, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>3. Are there process measurements that provide for the continuous monitoring and measuring of safety performance related to this element, to identify deficiencies or hazards?</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. 5.0 07/12/2016, QID: 00010622, 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 Applicable</p>	
<p>4. Do the procedures require the Operator to retain records for flight crewmembers for a period of 5 years according to the PRIA, 49 USC 44703(h) through (j)?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") , Rev. 2.0 01/23/2015, QID: 00000935, 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 Applicable</p>	<p>AC-120-68; 44703(h); 44703(i); 44703(j); 8000.88</p>
<p>5. Do the procedures specify that the certificate holder has a training program that:</p> <p>#1 Satisfies the requirements of 14 CFR Part 121 Subpart N, Appendix E, Appendix F;</p> <p>#2 Ensures each crewmember is adequately trained to perform his or her assigned duties;</p> <p>#3 Provides adequate ground and flight training facilities and properly qualified ground instructors for the training required by 14 CFR Part 121 Subpart N;</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 2; 121.401(a); 121.401(d); 121.401(e); 121.415(e)</p>

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<p>#4 Provides and keeps current with respect to each airplane type and, if applicable, the particular variations within that airplane type, appropriate training material, examinations, forms, instructions, and procedures for use in conducting the training and checks required by 14 CFR Part 121; and</p> <p>#5 Provides enough flight instructors, simulator instructors, and approved check airmen to conduct required flight training and flight checks and simulator training courses permitted under 14 CFR Part 121?</p> <p>NOTE: The certificate holder must obtain FAA approval of the training program prior to its implementation.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 4.0 01/11/2016, QID: 00001443, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>6. Do the procedures specify that recurrent training, flight checks, or competence checks are considered complete in the calendar month required if it is completed by the crewmember in the calendar month before or after the calendar month required?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 1.0 09/20/2012, QID: 00001449, 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 Applicable</p>	121.401(b)
<p>7. Do the procedures specify that instructors and check airmen, as applicable, must certify in the crewmember's record the proficiency and knowledge of the crewmember upon completion of:</p> <p>#1 A particular ground training subject;</p> <p>#2 A segment of flight training;</p> <p>#3 A course of training; and</p> <p>#4 A flight check?</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	121.401(c)

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<p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 4.0 01/15/2016, QID: 00001450, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>8. Do the procedures specify that the Operator has a written and current crewmember training program curriculum for each type of airplane to include ground and flight training required by 14 CFR Part 121 Subpart N?</p> <p>NOTE: Each curriculum must include: -A list of principal ground training subjects, including emergency training subjects that are provided; -A list of all the training devices mockups, systems trainers, procedures trainers, or other training aids that the Operator will use; - Detailed descriptions or pictorial displays of the approved normal, abnormal, and emergency maneuvers, procedures, and functions that will be performed during each flight training phase or flight check, indicating those maneuvers, procedures, and functions that are to be performed during the inflight portions of flight training and flight checks; -A list of airplane simulators or other training devices approved under 121.407, including approvals for particular maneuvers, procedures, or functions; -The programmed hours of training that will be applied to each phase of training; and -A copy of each statement issued by the Administrator under 121.405(d) for reduction of programmed hours of training.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 09/24/2015, QID: 00001454, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 1; 121.403</p>
<p>9. Do the procedures specify that all flight crewmembers complete approved initial crew resource management training?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 1.0 09/20/2012, QID: 00001455, 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 Applicable</p>	<p>AC-120-51; 121.404</p>

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<p>10. Do the procedures specify that when utilizing a simulator training course as provided in 121.441, the training program must:</p> <p>#1 Provide at least four hours of training at the pilot controls of an airplane simulator as well as a proper briefing before and after the training;</p> <p>#2 Provide training in at least the procedures and maneuvers set forth in the certificate holder's approved low-altitude windshear flight training program if the Operator is required to comply with 121.358 low-altitude windshear system equipment requirements;</p> <p>#3 Provide training in at least the procedures and maneuvers set forth in 14 CFR Part 121 Appendix F; or provide line-oriented flight training (LOFT); and</p> <p>#4 Be given by an instructor who meets the applicable requirements of 121.412?</p> <p>NOTE: Satisfactory training completion must be certified. When using the LOFT option, the certificate holder must comply with all the requirements of 121.409(b). When using the LOFT option, the certificate holder must comply with all the requirements of 121.409(b).</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (TRAINING EQUIPMENT = "FLIGHT SIMULATORS") , Rev. 4.0 01/22/2016, QID: 00001456, 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 Applicable</p>	<p>AC-120-35; 121.358; 121.409(a); 121.409(b); 121.409(c); 121.409(d); 121.412; 121.441</p>
<p>11. Do the procedures specify that the training program contains a basic indoctrination curriculum for newly hired crewmembers that includes:</p> <p>#1 40 programmed hours of instruction, unless reduced under 121.405 or specified in 121.401(d); and</p> <p>#2 Instruction in duties and responsibilities of crewmembers, appropriate provisions of FAR, contents of the operating certificate and OpSpecs, and appropriate portions of the operating manual?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") , Rev. 2.0 05/10/2014, QID: 00001462, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 3; 121.401(d); 121.405; 121.415(a)</p>

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<p>12. Do the procedures specify that for operations in which a pilot or flight engineer substitutes for one required flight attendant during passenger boarding according to 121.394(a), the pilot or flight engineer must:</p> <p>#1 Be trained in all flight attendant passenger handling duties;</p> <p>#2 Meet the training requirements for flight attendant duties in evacuation management and commands; and</p> <p>#3 Meet the flight attendant frequency requirements for exit operations in normal and emergency mode on that aircraft?</p> <p>NOTE: The substitute pilot or flight engineer is not assigned to operate the flight for which that person is substituting for a required flight attendant.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (CREWMEMBERS = "PILOT OR FLIGHT ENGINEER SUBSTITUTED FOR FLIGHT ATTENDANT") , Rev. 2.0 05/08/2014, QID: 00001465, 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 Applicable</p>	<p>121.394(a)</p>
<p>13. Does the training program include, as appropriate to crewmember assignments, training in their roles and responsibilities in the Operator's passenger recovery plan?</p> <p>NOTE: This question only applies when the Operator is approved for ETOPS greater than 180 minutes or operations in the North Polar Area and South Polar Area.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (TYPE 119 OPERATION = "FLAG" OR "SUPPLEMENTAL") AND (FLT AUTHORIZATION = "ETOPS > 180 MINS") OR (OPSPEC = "B055")) , Rev. 1.0 09/20/2012, QID: 00001469, 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 Applicable</p>	<p>121.415(a)</p>
<p>14. Do the procedures specify that the training program provides ground and flight training, instruction, and practice to ensure crewmembers are:</p> <p>#1 Adequately trained and currently proficient with respect to each airplane, crewmember position, and type of operation in which he or she serves; and</p> <p>#2 Qualified in new equipment, facilities, procedures, and techniques, including</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 1; 121.415(g)</p>

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<p>modifications to the airplanes?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 3.0 09/24/2015, QID: 00001470, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>15. Do the procedures specify that the emergency training curriculum provides the training required with respect to each airplane type, model, configuration, each required flight crewmember, and each kind of operation conducted as appropriate to each crewmember and the certificate holder including:</p> <p>#1 Instruction in emergency assignments and procedures, including coordination among crewmembers;</p> <p>#2 Individual instruction in the location, function, and operation of emergency equipment including equipment used in ditching and evacuation, portable fire extinguishers (with emphasis on type of extinguisher to be used on different classes of fires), and emergency exits in the emergency mode with the evacuation slide/raft pack attached (if applicable), with training emphasis on the operation of the exits under adverse conditions;</p> <p>#3 Instruction in the handling of emergency situations including rapid decompression, fire in flight or on the surface, and smoke control procedures with emphasis on electrical equipment and related circuit breakers found in cabin areas including all galleys, service centers, lifts, lavatories and movie screens, ditching and other evacuation, including the evacuation of persons and their attendants, if any, who may need the assistance of another person to move expeditiously to an exit in the event of an emergency, a hijacking, and other unusual situations;</p> <p>#4 Review and discussion of previous aircraft accidents and incidents pertaining to actual emergency situations;</p> <p>#5 For passenger carrying operations, instruction in emergency medical event procedures, including coordination among crewmembers;</p> <p>#6 For passenger carrying operations, instruction in the location, function, and intended operation of emergency medical equipment; and</p> <p>#7 For passenger carrying operations, instruction to familiarize crewmembers with the content of the emergency medical kit?</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.415(a); 121.417(a); 121.417(b); 121.805(a); 121.805(b)</p>

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<p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 3.0 03/07/2016, QID: 00001473, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>16. Do the procedures specify that the emergency training curriculum ensures that crewmembers complete the following one-time drill requirements on each type of airplane in which he or she serves:</p> <p>#1 At least one approved PBE drill in which the crewmember combats an actual or simulated fire using at least one type of installed hand fire extinguisher or approved fire extinguisher that is appropriate for the type of actual fire or simulated fire to be fought while using the type of installed PBE required by 121.337 or approved PBE simulation device as defined by 121.417(d) for combating fires aboard airplanes;</p> <p>#2 At least one approved firefighting drill in which the crewmember combats an actual fire using at least one type of installed hand fire extinguisher or approved fire extinguisher that is appropriate for the type of fire to be fought, and this firefighting drill is not required if the crewmember performs the PBE drill of 121.417(c)(1) by combating an actual fire; and</p> <p>#3 An emergency evacuation drill with each person exiting the airplane or approved training device using at least one type of installed emergency evacuation slide, and the crewmember may either observe the airplane exits being opened in the emergency mode and the associated exit slide/raft pack being deployed and inflated, or perform the tasks resulting in the accomplishment of these actions?</p> <p>NOTE: Training must be completed using items of installed emergency equipment for each type of airplane in which he or she is to serve. Alternate recurrent training required by 121.433(c) may be accomplished by approved pictorial presentation or demonstration.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 05/08/2014, QID: 00001481, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.337; 121.415(a); 121.417(c); 121.417(d); 121.433(c)</p>
<p>17. Do the procedures specify that the emergency training curriculum ensures that crewmembers perform the following additional emergency drill requirements and operate the following equipment for each type of airplane in which he or she serves once during initial training and once each 24 months during recurrent training:</p> <p>#1 Each type of emergency exit in the normal and emergency modes, including the</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.415(a); 121.417(c)</p>

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<p>actions and forces required in the deployment of the emergency evacuation slides;</p> <p>#2 Each type of installed hand fire extinguisher;</p> <p>#3 Each type of emergency oxygen system to include PBE;</p> <p>#4 Donning, use, and inflation of individual flotation means, if applicable; and</p> <p>#5 Ditching, if applicable, including but not limited to as appropriate Cockpit preparation and procedures, Crew coordination, Passenger briefing and cabin preparation, Donning and inflation of life preservers, Use of life-lines, and Boarding of passengers and crew into raft or a slide/raft pack?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 05/08/2014, QID: 00001485, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>18. Do the procedures specify that the emergency training curriculum ensures that crewmembers observe the following additional emergency drills for each type of airplane in which he or she serves once during initial training and once each 24 months during recurrent training:</p> <p>#1 Removal from the airplane (or training device) and inflation of each type of liferaft, if applicable;</p> <p>#2 Transfer of each type of slide/raft pack from one door to another;</p> <p>#3 Deployment, inflation, and detachment from the airplane (or training device) of each type of slide/raft pack; and</p> <p>#4 Emergency evacuation including the use of a slide?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 05/10/2014, QID: 00001491, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.415(a); 121.417(c)</p>

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<p>19. Do the procedures specify that the emergency training curriculum for crewmembers who serve in operations above 25,000 feet include instruction in:</p> <ul style="list-style-type: none"> #1 Respiration; #2 Hypoxia; #3 Duration of consciousness without supplemental oxygen at altitude; #4 Gas expansion; #5 Gas bubble formation; and #6 Physical phenomenon? <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (ALTITUDE LIMITATIONS = "ALT > FL250") , Rev. 2.0 05/08/2014, QID: 00001496, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.415(a); 121.417(e)</p>
<p>20. Do the procedures specify that the differences training curriculum applicable to crewmember duties and responsibilities include:</p> <ul style="list-style-type: none"> #1 Instruction in each appropriate subject or part thereof required for initial ground training in the airplane unless the Administrator finds that particular subjects are not necessary; #2 Flight training in each appropriate maneuver or procedure required for initial flight training in the airplane unless the Administrator finds that particular maneuvers or procedures are not necessary; and #3 The number of programmed hours of ground and flight training determined by the Administrator to be necessary for the airplane, the operation, and the crewmember involved? <p>NOTE: Differences training for all variations of a particular type airplane may be included in initial, transition, upgrade, and recurrent training for the airplane.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (TRAINING PROGRAMS = "DIFFERENCES TRAINING") , Rev. 2.0 05/08/2014, QID: 00001503, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 9; 121.415(d); 121.418(a)</p>

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<p>21. Do the procedures require that the initial, transition, and upgrade ground training curriculum includes the following general subjects for crewmembers as applicable:</p> <ul style="list-style-type: none"> #1 The certificate holder's dispatch or flight release procedures; #2 Principles and methods for determining weight and balance, and runway limitations for takeoff and landing; #3 Enough meteorology to ensure a practical knowledge of weather phenomena, including the principles of frontal systems, icing, fog, thunderstorms, and high altitude weather situations; #4 ATC systems, procedures, and phraseology; #5 Navigation and the use of navigation aids, including instrument approach procedures; #6 Normal and emergency communication procedures; #7 Visual cues prior to and during descent below DA/DH or MDA; #8 Approved crew resource management initial training; and #9 Other instructions as necessary to ensure his or her competence? <p>NOTE: This does not apply to pilots who have completed the airline transport pilot certification training program in 14 CFR 61.156. Particular subjects, maneuvers, procedures, or parts thereof specified in 121.419 for transition or upgrade training, as applicable, may be omitted, or the programmed hours of ground instruction or inflight training may be reduced, as provided in 121.405.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 4.0 01/21/2016, QID: 00001507, 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 Applicable </p>	<p>8900.1 Vol 3 Ch 19 Sec 5; 121.405; 121.415(a); 121.415(f); 121.419(a)</p>
<p>22. Do the procedures require that the initial, transition, and upgrade aircraft ground training curriculum includes the following aircraft specific subjects for crewmembers as applicable:</p> <ul style="list-style-type: none"> #1 A general description; #2 Performance characteristics and operating limitations; #3 Engines and propellers; #4 Major components and major airplane systems, other systems as appropriate, principles of normal, abnormal, and emergency operations, and appropriate procedures and limitations; #5 Procedures for recognizing and avoiding severe weather situations, escaping from severe weather situations in case of inadvertent encounters including low-altitude 	<p> <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable </p>	<p>8900.1 Vol 3 Ch 19 Sec 5; 121.405; 121.415(a); 121.415(f); 121.419(a)</p>

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<p>windshear, and operating in or near thunderstorms (including best penetrating altitudes), turbulent air (including clear air turbulence), icing, hail, and other potentially hazardous meteorological conditions;</p> <p>#6 Fuel consumption, cruise control, and flight planning;</p> <p>#7 Each normal and emergency procedure;</p> <p>#8 Stall and upset prevention and recovery; and</p> <p>#9 The approved Airplane Flight Manual?</p> <p>NOTE: Particular subjects, maneuvers, procedures, or parts thereof specified in 121.419 for transition or upgrade training, as applicable, may be omitted or the programmed hours of ground instruction or inflight training may be reduced as provided in 121.405.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 4.0 04/19/2016, QID: 00001517, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>23. Do the procedures specify that the initial ground training curriculum for pilots and flight engineers must include the following programmed hours of instruction in the required subjects unless reduced under 121.405:</p> <p>#1 For Group I airplanes, 64 hours for reciprocating powered airplanes and 80 hours for turbopropeller powered airplanes; and</p> <p>#2 For Group II airplanes, 120 hours?</p> <p>NOTE: This question does not apply to pilots who have completed the airline transport pilot certification training program in 14 CFR 61.156. Required subjects are specified in 121.415(a) and 121.419(a).</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 3.0 01/19/2016, QID: 00001526, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 5; 121.405; 121.415(a); 121.419(a); 121.419(b); 121.419(c)</p>
<p>24. Do the procedures specify that the initial, transition, and upgrade flight training curriculum for pilots includes flight training and practice in maneuvers and procedures as established in:</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p>8900.1 Vol 3 Ch 19 Sec 6; 121.405; 121.415(b);</p>

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<p>#1 The Operator's approved low-altitude windshear flight training program; and #2 14 CFR Part 121 Appendix E?</p> <p>NOTE: Initial training may include Initial New Hire training and Initial Equipment training as outlined in 8900.1 Vol 3 Ch 19 Sec 6.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 3.0 12/31/2015, QID: 00001540, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>	<p><input type="radio"/> Not Applicable</p>	<p>121.415(f); 121.424(a); 121.424(b)</p>
<p>25. Do the procedures specify that if the Operator's approved training program includes a training course utilizing an airplane simulator under 121.409(c), that each pilot must successfully complete the following as applicable:</p> <p>#1 Training and practice in the simulator in at least all of the maneuvers and procedures set forth in 14 CFR Part 121 Appendix E for initial flight training that are capable of being performed in an airplane simulator without a visual system;</p> <p>#2 A flight check in the simulator or the airplane to the level of proficiency of a PIC or SIC, as applicable, in at least the maneuvers and procedures set forth 14 CFR Part 121 Appendix F that are capable of being performed in an airplane simulator without a visual system; and</p> <p>#3 Training and practice in at least the maneuvers and procedures set forth in the Operator's approved low-altitude windshear flight training program that are capable of being performed in an airplane simulator in which the maneuvers and procedures are specifically authorized?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (TRAINING EQUIPMENT = "FLIGHT SIMULATORS"), Rev. 2.0 05/08/2014, QID: 00001543, 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 Applicable</p>	<p>AC-120-35; 121.409(c); 121.409(d); 121.415(b); 121.424(d)</p>

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<p>26. Do the procedures specify that the initial flight training curriculum for pilots requires (unless reduced under 121.405) at least the following number of programmed hours of inflight training and practice:</p> <p>#1 For Group I reciprocating powered airplanes, 10 hours for the PIC and 6 hours for the SIC, and for Group I turbopropeller powered airplanes, 15 hours for the PIC and 7 hours for the SIC; and</p> <p>#2 For Group II airplanes, 20 hours for the PIC and 10 hours for the SIC?</p> <p>NOTE: Particular subjects, maneuvers, procedures, or parts thereof specified in 121.424 for transition or upgrade training, as applicable, may be omitted, or the programmed hours of ground instruction or inflight training may be reduced, as provided in 121.405.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 3.0 06/01/2015, QID: 00001547, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 6; 121.405; 121.415(b); 121.424(c)</p>
<p>27. Do the procedures specify that the initial new-hire, initial equipment, or transition flight training curriculum for flight engineers includes:</p> <p>#1 Training and practice in procedures related to the carrying out of flight engineer duties and functions which may be accomplished either inflight, in an airplane simulator, or in a training device; and</p> <p>#2 A flight check that includes preflight inspection, inflight performance of assigned duties accomplished from the flight engineer station during taxi, runup, takeoff, climb, cruise, descent, approach, and landing, accomplishment of other functions such as fuel management and preparation of fuel consumption records, and normal and emergency or alternate operation of all airplane flight systems performed either inflight, in an airplane simulator, or in a training device?</p> <p>NOTE: Flight engineers possessing a commercial pilot certificate with an instrument, category, and class rating, or pilots already qualified as SIC and reverting to flight engineer, may complete the entire flight check in an approved airplane simulator. Particular subjects, maneuvers, procedures, or parts thereof specified in 121.425 for transition training, as applicable, may be omitted, or the programmed hours of ground instruction or inflight training may be reduced, as provided in 121.405.</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 6; 121.415(b); 121.415(f); 121.425(a); 121.425(c)</p>

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<p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (CREWMEMBERS = "FLIGHT ENGINEERS"), Rev. 3.0 01/08/2016, QID: 00001550, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>28. Do the procedures specify that the initial flight training for flight engineers require at least the following number of programmed hours (unless reduced under 121.405):</p> <p>#1 For Group I airplanes, 6 hours for reciprocating powered airplanes and 7 hours for turbopropeller powered airplanes; and</p> <p>#2 For Group II airplanes, 10 hours?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (CREWMEMBERS = "FLIGHT ENGINEERS"), Rev. 3.0 12/31/2015, QID: 00001553, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 6; 121.405; 121.415(b); 121.424(c); 121.425(b)</p>
<p>29. Do the procedures specify that the recurrent training program ensures that each crewmember is adequately trained and currently proficient with respect to the type airplane (including differences training and/or related aircraft differences training, if applicable) and crewmember position involved?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 06/19/2015, QID: 00001557, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 10; 121.415(c); 121.427(a)</p>
<p>30. Do the procedures specify that the recurrent ground training curriculum for crewmembers includes:</p> <p>#1 Duties and responsibilities of crewmembers;</p> <p>#2 Appropriate provisions of FAR;</p> <p>#3 Contents of the operating certificate and OpSpecs;</p>	<p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 10; 121.415(a); 121.415(c); 121.417; 121.419(a); 121.427(b)</p>

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<p>#4 Appropriate portions of the operating manual; #5 Subjects as listed in 121.419(a); #6 CRM training (this training or portions thereof may be accomplished during an approved simulator LOFT session); #7 Training for crewmembers in their roles and responsibilities in the certificate holder's passenger recovery plan, if applicable; #8 A quiz or other review to determine crewmember proficiency of knowledge relative to the airplane and position involved; and #9 Emergency Training as specified in 121.417?</p> <p>NOTE: Each Training program must be evaluated as appropriate to the particular assignment of the crewmember.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 4.0 03/04/2016, QID: 00001558, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>31. Do the procedures specify that the recurrent ground training curriculum for pilots and flight engineers requires (unless reduced under 121.405) at least the following number of programmed hours:</p> <p>#1 For Group I airplanes, 16 hours for reciprocating powered airplanes and 20 hours for turbopropeller powered airplanes; and #2 For Group II airplanes, 25 hours?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 05/08/2014, QID: 00001567, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 10; 121.405; 121.415(c); 121.427(c)</p>
<p>32. Do the procedures specify that the recurrent flight training curriculum for pilots includes flight training:</p> <p>#1 Utilizing an approved simulator in maneuvers and procedures that are specified in the Operator's approved low altitude windshear flight training program; and</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 10; 121.415(c); 121.427(d); 121.433(c); 121.441</p>

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<p>#2 In maneuvers and procedures required in 14 CFR Part 121 Appendix F or a program approved by the Administrator or proficiency check as provided in 121.441?</p> <p>NOTE: The number of programmed flight hours is not specified. Satisfactory completion of a proficiency check may be substituted for recurrent flight training as permitted in 121.433(c)(2).</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") , Rev. 2.0 05/08/2014, QID: 00001573, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>33. Do the procedures specify that the recurrent flight training curriculum for flight engineers includes:</p> <p>#1 Training and practice in procedures related to the carrying out of flight engineer duties and functions (this training and practice may be accomplished either inflight, in an airplane simulator, or in a training device); and</p> <p>#2 A flight check that includes a preflight inspection, an inflight performance of assigned duties accomplished from the flight engineer station during taxi, runup, takeoff, climb, cruise, descent, approach, and landing, an accomplishment of other functions such as fuel management and preparation of fuel consumption records, and normal and emergency or alternate operation of all airplane flight systems performed either inflight, in an airplane simulator, or in a training device?</p> <p>NOTE: The number of programmed flight hours is not specified. The flight check, other than the preflight inspection, may be conducted in an airplane simulator or other training device. The preflight inspection may be conducted in an airplane or by using an approved pictorial means that realistically portrays the location and detail of preflight inspection items and provides for the portrayal of abnormal conditions. Satisfactory completion of an approved line-oriented simulator training program may be substituted for the flight check.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (CREWMEMBERS = "FLIGHT ENGINEERS") , Rev. 2.0 05/08/2014, QID: 00001576, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 10; 121.415(c); 121.425(a); 121.427(d)</p>

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<p>34. Do the procedures specify that flight crewmember training include instructions and information on:</p> <p>#1 Approved training for parabolic flight operations; and #2 Maneuvers and procedures used in parabolic flight?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "A362") , Rev. 2.0 05/08/2014, QID: 00001582, 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 Applicable</p>	<p>A362</p>
<p>35. Do the procedures specify that the Operator must comply with:</p> <p>#1 Emergency medical equipment requirements; and #2 Crewmember training for inflight medical events?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (FLT OPERATION CONFIGURATION = "PASSENGER") , Rev. 2.0 05/08/2014, QID: 00001585, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 4; 121.803; 121.805</p>
<p>36. Do the procedures specify training for IFR navigation using GPS/WAAS RNAV Systems?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "B030") , Rev. 1.0 09/20/2012, QID: 00001588, 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 Applicable</p>	<p>B030</p>

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<p>37. Do the procedures specify training for Class I navigation in the U.S. Class A airspace using area or long-range navigation systems?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "B035") , Rev. 1.0 09/20/2012, QID: 00001589, 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 Applicable</p>	<p>B035</p>
<p>38. Do the procedures specify training for operations in areas of magnetic unreliability?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "B040") , Rev. 1.0 09/20/2012, QID: 00001590, 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 Applicable</p>	<p>B040</p>
<p>39. Do the procedures specify training for VFR station-referenced Class I or Class II navigation?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "B051") , Rev. 1.0 09/20/2012, QID: 00001591, 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 Applicable</p>	<p>B051</p>
<p>40. Do the procedures specify training for flight control guidance systems for automatic landings in other than Category II and III operations?</p> <p>NOTE:</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>	<p>C061</p>

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<p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C061") , Rev. 1.0 09/20/2012, QID: 00001592, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>41. Do the procedures specify training for manually flown flight control guidance systems for landing operations other than Category II and III operations?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C062") , Rev. 1.0 09/20/2012, QID: 00001593, 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 Applicable</p>	<p>C062</p>
<p>42. Do the procedures specify training for RNAV departure procedures, RNAV routes, and standard terminal arrivals?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C063") , Rev. 1.0 09/20/2012, QID: 00001594, 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 Applicable</p>	<p>C063</p>
<p>43. Do the procedures specify training for engine-out departure procedures with approved 10-minute takeoff thrust time limits?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C072") , Rev. 1.0 09/20/2012, QID: 00001595, 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 Applicable</p>	<p>C072</p>

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<p>44. Do the procedures specify training for contact approaches?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C076"), Rev. 1.0 09/20/2012, QID: 00001596, 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 Applicable</p>	<p>C076</p>
<p>45. Do the procedures specify training for 14 CFR Part 97 NDB, NDB/DME, VOR, and VOR/DME instrument approach procedures using substitute means of navigation?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C300"), Rev. 1.0 09/20/2012, QID: 00001597, 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 Applicable</p>	<p>C300</p>
<p>46. Do the procedures specify training for RNP Special Aircraft and Aircrew Authorization Required operations?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "C384"), Rev. 1.0 09/20/2012, QID: 00001598, 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 Applicable</p>	<p>C384</p>
<p>47. Do the procedures specify the following Operator requirements in FAA Order 8000.88, as specified in AC 120-68, PRIA:</p> <p>#1 General informational requirements; #2 PRIA requirements; and #3 Drug and alcohol testing requirements?</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>	<p>AC-120-68; 8000.88 Ch 1; 8000.88 Ch 2; 8000.88 Ch 3</p>

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<p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121"), Rev. 2.0 05/08/2014, QID: 00001599, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>48. Do procedures exist in enough detail to meet the regulatory and guidance requirements for this element to produce the intended results?</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. 5.0 07/12/2016, QID: 00010595, 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 Applicable</p>	
<p>49. Do the procedures specify the certificate holder must provide flightcrew members with an annual fatigue education and awareness training program, approved by the Administrator, that includes training on:</p> <p>#1 Fatigue;</p> <p>#2 The effects of fatigue on crewmembers; and</p> <p>#3 Fatigue countermeasures?</p> <p>NOTE: Each FEAT training record must be retained for a minimum of 12 calendar months.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (OPSPEC = "A319"), Rev. 2.0 01/05/2016, QID: 00030015, 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 Applicable</p>	<p>117.9(a); 117.9(b); 117.9(c); A319</p>

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<p>50. Does the operator's training program include appropriate flightcrew training on the use of any Electronic Flight Bags (EFB)?</p> <p>NOTE:</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121" OR "135") AND (OPSPEC = "A061") , Rev. 1.0 12/16/2014, QID: 00048517, 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 Applicable</p>	<p>A061</p>
<p>51. Do the procedures specify that the approved related aircraft differences training program, if applicable, includes:</p> <p>#1 Each appropriate subject required for the ground training for the related aircraft? #2 Each appropriate maneuver or procedure required for the flight training and crewmember emergency training for the related aircraft? #3 The number of programmed hours of ground training, flight training and crewmember emergency training necessary?</p> <p>NOTE: NOTE: Related aircraft differences training only applies to aircraft with different type certificates that have been designated as related by the Administrator for that certificate holder.</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") AND (TRAINING PROGRAMS = "RELATED AIRCRAFT DIFFERENCES TRAINING") , Rev. 3.0 04/08/2016, QID: 00048755, 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 Applicable</p>	<p>8900.1 Vol 3 Ch 19 Sec 12; 121.418(b); 121.418(c)</p>
<p>52. Do the procedures specify that the initial ground training curriculum for pilots who have completed the airline transport pilot certification training program in 14 CFR 61.156 must include at least the following subjects, as applicable to their duties:</p> <p>#1 The certificate holder's dispatch or flight release procedures; #2 The certificate holder's method for determining weight and balance and runway limitations for takeoff and landing; #3 Meteorology hazards applicable to the certificate holder's areas of operation; #4 Approved departure, arrival, and approach procedures;</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not Applicable</p>	<p>121.405; 121.415(a); 121.415(f); 121.419(a); 121.419(b); 61.156</p>

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<p>#5 The certificate holder's normal and emergency communication procedures; and #6 The certificate holder's approved crew resource management training?</p> <p>NOTE: This is in addition to the training required by 121.419(a)(2).</p> <p>Safety Attribute: Procedures, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") , Rev. 1.0 01/21/2016, QID: 00049377, Response Details: EP & ED DCTs (Both OP and AW), Status: Released</p>		
<p>53. Do controls exist to ensure processes associated with this element achieve 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 = "145") OR (FAR PART = "121") OR (FAR PART = "135") , Rev. 4.0 07/12/2016, QID: 00010681, 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 Applicable</p>	
<p>54. Does the certificate holder have a method to evaluate the impact of changes on related processes (interfaces) for this element?</p> <p>NOTE:</p> <p>Safety Attribute: Interfaces, Question Type: Output Validation, Scoping Attribute: (FAR PART = "121") OR (FAR PART = "135") OR (FAR PART = "145") , Rev. 5.0 07/12/2016, QID: 00010623, 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 Applicable</p>	

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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
20	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

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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