

Element Performance Inspection (EPI) Data Collection Tool

5.1.6 Use of Approved Areas, Routes and Airports (OP)

ELEMENT SUMMARY INFORMATION

Purpose of this Element (certificate holder's responsibility):

- To ensure the certificate holder uses only Approved Areas, Routes, and Airports in compliance with the certificate holder's operations specifications and applicable regulations.

Objective (FAA oversight):

- To determine the effectiveness of the certificate holder's procedures in meeting the desired output of the process.
- To determine if the certificate holder follows its procedures, controls, process measurements, and interfaces for the Use of Approved Areas, Routes and Airports process.
- To determine if there were any changes in the personnel identified by the certificate holder as having responsibility and/or authority for the Use of Approved Areas, Routes and Airports process.

Specific Instructions:

- To accomplish this EPI, the inspector should be familiar with the certificate holder's approved route structure.

Related EPIs:

- 3.1.3 Airmen Duties / Flight Deck Procedures (OP)
- 3.1.9 Aircraft Performance Operating Limitations (OP)
- 3.1.10 Lower Landing Minimums (LLM) (OP)
- 4.2.3 Training of Flight Crewmembers (OP)
- 4.2.7 Training of Check Airmen and Instructors (OP)
- 4.2.10 Aircrew Designated Examiner (ADE) Program (OP)
- 4.2.8 Simulators / Training Devices (OP)

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirements (SRRs):

- SRRs:
 - 119.43(a)
 - 119.43(b)
 - 119.43(b)(1)
 - 119.43(b)(2)
 - 119.43(c)
 - 119.5(j)
 - 121.101(a)
 - 121.101(b)(1)
 - 121.101(b)(2)
 - 121.101(c)
 - 121.101(d)

- SRRs:
 - 121.103(a)
 - 121.105
 - 121.107
 - 121.11
 - 121.113(a)(1)
 - 121.113(a)(2)
 - 121.113(a)(3)
 - 121.113(a)(4)
 - 121.113(b)
 - 121.117(a)
 - 121.117(b)
 - 121.117(c)
 - 121.119(a)
 - 121.119(b)
 - 121.121(a)(1)
 - 121.121(a)(2)
 - 121.121(c)
 - 121.123
 - 121.125(a)(1)
 - 121.125(a)(2)(i)
 - 121.125(a)(2)(ii)
 - 121.125(b)
 - 121.127(a)(1)(i)
 - 121.127(a)(1)(ii)
 - 121.127(a)(2)
 - 121.127(b)
 - 121.135(a)(1)
 - 121.135(b)
 - 121.135(b)(1)
 - 121.135(b)(13)
 - 121.135(b)(2)
 - 121.135(b)(3)
 - 121.161(a)
 - 121.590(a)
 - 121.590(b)(1)
 - 121.590(b)(2)
 - 121.93(a)(1)
 - 121.93(a)(2)
 - 121.95(a)
 - 121.97(a)
 - 121.97(b)
 - 121.97(c)
 - 121.99(a)
 - 121.99(b)
 - B.050
 - C.070

Related CFRs & FAA Policy/Guidance:

- Related CFRs:
 - Intentionally left blank
- FAA Policy/Guidance:
 - Intentionally left blank

EPI Section 1 - Performance Observables

Objective: The tasks and questions in this section of the data collection tool (DCT) are designed to assist the inspector in determining if the certificate holder follows its written procedures and controls and meets the established performance measures of the process. To accomplish this, questions have been generated to test both the outputs of the process as well as the process itself. Question 1 and its following subquestions are directed at the output(s) of the process, whereas questions 2-6, when answered, should be directed at the process itself.

Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the information listed in the Supplemental Information section of this DCT.
2.	Review the policies, procedures, instructions, and information for the Use of Approved Areas, Routes and Airports process.
3.	Review the last accomplished associated safety attribute inspection (SAI) for this element with emphasis on the controls, process measurements, and interface attribute section responses.
4.	Observe the Use of Approved Areas, Routes and Airports process to gain an understanding of the procedures, instructions, and information.
5.	Discuss the Use of Approved Areas, Routes and Airports process with the personnel (other than management) who perform the duties and responsibilities required by the process.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Determine whether the following performance measures were met:	
1.1.	<p>Did the certificate holder have the needed operations specifications for its operation?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> 1. Check at the Air Carrier specified location that the Certificate Holder has procedure to ensure city pairs are listed under Operations Specifications C070 when conducting Supplemental Operations using Domestic/Flag rules. <i>Sources:</i> 121.135(b)(13); A.030Part 121 Supplemental Operations 2. Check at the Air Carrier specified location that the Certificate Holder has been issued Operations Specifications B031. <i>Sources:</i> 121.135(b)(3); B.031 3. Check at the Air Carrier specified location to ensure Operations Specifications B032 has been issued to operators who conduct any IFR operations. <i>Sources:</i> 121.135(b)(3); B.032 4. Check at the Air Carrier specified location to ensure Operations Specifications B034 has been issued to operators who conduct IFR Class I navigation using an area navigation system. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.034 5. Check at the Air Carrier specified location to ensure Operations Specifications B035 has been issued to operators who conduct Class 1 navigation within the US positive control area (PCA) using an area navigation system (including a long range navigation system) which does not meet the enroute performance criteria of the most recent 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>version of AC 90-45. <i>Sources:</i> 121.135(b)(3); B.035</p>	
6.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B036 has been issued to operators when long range navigation systems are required due to the inability to obtain a reliable fix at least once each hour from ICAO Standard NAVAIDs. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.036Class II Navigation</p>	
7.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B037 has been issued to operators who are authorized Class II navigation in the airspace designated as Central East Pacific (CEP) Airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.037Operations in Central East Pacific</p>	
8.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B038 has been issued to operators who are authorized Class II navigation in the airspace designated as North Pacific (NOPAC) operations airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.038Operations in North Pacific</p>	
9.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B039 has been issued to operators who are authorized Class II navigation in the airspace designated as North Atlantic Minimum Navigation Performance Specifications (NAT/MNPS) airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.039Operations in North Atlantic Minimum Nav</p>	
10.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B040 has been issued to operators who are authorized either Class I or Class II navigation in areas of magnetic unreliability. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.040Operations in North Atlantic Minimum Nav</p>	
11.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B041 has been issued to operators who demonstrate the capability and competency to safely conduct operations over the North Atlantic with two-engine airplanes within the 60-minute constraint. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.041</p>	
12.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B045 has been issued to operators who are approved the use of single long range communication systems. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.045</p>	
13.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B047 has been issued to operators who are approved the use of a flight navigator in Class II navigation. <i>Sources:</i> 121.135(b)(11); B.047Class II Navigation using Flight Navigator</p>	
14.	<p>Check at the Air Carrier specified location to ensure the Certificate Holder Operations Specifications B050 contains areas of en route operation (or individual routes which have specific limitations or procedures associated with the route) for which the operator is authorized to conduct part 121 operations. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.050Authorized En Route Operations; Limitations</p>	
15.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B052 has been issued to operators who are authorized to</p>	

	<p>conduct certain en route Class I and Class II navigation remote operations under Part 121 in accordance with Visual Flight Rules (VFR) provided the aircraft used are: reciprocating or turbopropeller-powered passenger-carrying airplanes having a passenger seat configuration of 19 seats or less; and combination passenger-and cargo-carrying and all cargo airplanes with a payload capacity of less than 6,000 lb.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.052</p> <p>16. Check at the Air Carrier specified location to ensure Operations Specifications B054 has been issued to operators who are authorized Class II navigation using a single long-range navigation system (S-LRNS).</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.054</p> <p>17. Check at the Air Carrier specified location to ensure Operations Specifications B055 has been issued to operators who are authorized north polar flight operations.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.055North Polar Operations</p> <p>18. Check at the Air Carrier specified location to ensure Operations Specifications C064 has been issued to operators who conduct nonscheduled passenger terminal area IFR operations in Class G airspace or into airports without an operating control tower.</p> <p><i>Sources:</i> 121.135(b)(8); C.064</p> <p>19. Check at the Air Carrier specified location to ensure Operations Specifications C064 has been issued to operators who conduct all-cargo (scheduled and nonscheduled) terminal area IFR operations in Class G airspace or into airports without an operating control tower.</p> <p><i>Sources:</i> 121.135(b)(8); C.064</p> <p>20. Check at the Air Carrier specified location to ensure Operations Specifications C067 has been issued to operators who are authorized to conduct operations into special airports.</p> <p><i>Sources:</i> 121.135(b)(8); C.067</p> <p>21. Check at the Air Carrier specified location to ensure Operations Specifications C070 has been issued to operators who operate into Regular airports.</p> <p><i>Sources:</i> 121.135(b)(8); C.070</p> <p>22. Check at the Air Carrier specified location to ensure Operations Specifications C070 has been issued to operators who operate into Provisional airports.</p> <p><i>Sources:</i> 121.135(b)(8); C.070</p> <p>23. Check at the Air Carrier specified location to ensure Operations Specifications C070 has been issued to operators who operate into Refueling airports.</p> <p><i>Sources:</i> 121.135(b)(8); C.070</p> <p>24. Check at the Air Carrier specified location to ensure Alternate airports are listed in Operations Specifications C070 or a separate list of Alternate airports is maintained by the carrier.</p> <p><i>Sources:</i> 121.135(b)(8); C.070</p> <p>25. Check at the Air Carrier specified location to ensure Operations Specifications C080 has been issued to operators who are authorized terminal area IFR operations for scheduled passenger operations in Class G airspace or at airports without an operating control tower</p> <p><i>Sources:</i> 121.135(b)(8); C.080</p>	
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1.2.	<p>Did the certificate holder ensure that navigation facilities are adequate to support flight operations?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> 1. Check at the Air Carrier specified location that the Certificate Holder's manual has appropriate areas of operations listed in OPSPEC B-50. <i>Sources:</i> 119.5(j); 121.135(b)(6); 121.135(b)(7); B.050Authorized En Route Operations; Limitations 2. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that non visual ground aids are available over the route for navigating aircraft within the degree of accuracy required for ATC. <i>Sources:</i> 121.103(a)(1); 121.121(a)(1); 121.135(b)(6); 121.135(b)(7) 3. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that for each proposed route non visual ground aids are located to allow navigation to any regular, provisional, refueling, or alternate airport, within the degree of accuracy necessary for the operation involved. <i>Sources:</i> 121.103(a)(2); 121.121(a)(2); 121.135(b)(6); 121.135(b)(7) 4. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure all IFR and night VFR operations within the United States are conducted over Federal airways in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(a)(1); 121.113(a)(4); 121.135(b)(7) 5. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure that it is able to conduct operations in accordance with the applicable requirements for each area outside the United States for which authorization is requested in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(a)(2); 121.135(b)(7) 6. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered terrain clearance in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(1); 121.135(b)(7); 121.95(a)(1) 7. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered minimum enroute altitudes in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(2); 121.135(b)(7); 121.95(a)(2) 8. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ground and airborne navigation aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(3); 121.135(b)(7); 121.95(a)(3) 9. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
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	<p>equal to the designated width of those airways or advisory routes, having considered air traffic density in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(4); 121.135(b)(7); 121.95(a)(4)</p> <p>10. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ATC procedures in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(5); 121.135(b)(6); 121.135(b)(7); 121.95(a)(5)</p> <p>11. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure nonvisual ground aids needed for navigation outside of controlled airspace are listed in the Operations Specifications in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.103(a); 121.121(c); 121.135(b)(6); 121.135(b)(7)</p> <p>12. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering navigational and communications aids in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>13. Check at the Air Carrier specified location that the Certificate Holder has a method or procedure for ensuring that any facilities and services that this type of operation depends upon are operational during the periods in which flights are to occur.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	
1.3.	<p>Did the certificate holder have adequate dispatch centers to support its flight operations?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the Dispatch Center that the Certificate Holder's manual system has a procedure to ensure that it has enough dispatch centers, adequate for the operations to be conducted, that are located at points necessary to ensure proper operational control of each flight in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.107; 121.135(b)(5)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.4.	<p>Did the certificate holder have adequate ground facilities to support its flight operations?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering size in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>2. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering surface in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>3. Check at Geographic Location that the Certificate Holder's manual</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering obstructions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>4. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>5. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering public protection in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>6. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering lighting in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>7. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering navigational and communications aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13)</p> <p>8. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that passenger-carrying operations, with airplanes designed for less than 31 passenger seats that may operate those airplanes into airports not certificated under part 139 of this chapter, are adequate for the proposed operation, considering such items as size, surface, obstructions, and lighting in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.590(b)(1)</p> <p>9. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering obstructions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>10. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering surface in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>11. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>12. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering public protection in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.97(a)</p>	
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	<p>13. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering lighting in accordance with the Certificate Holder's design. <i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>14. Check at the Air Carrier specified location that the Certificate Holder has a method or procedure for ensuring that any facilities and services that this type of operation depends upon are operational during the periods in which flights are to occur. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	
1.5.	<p>Did the certificate holder provide employees with adequate information to accomplish its flight operations? <i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> 1. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(i); 121.135(b)(13); 121.97(b)(1)(i) 2. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(i); 121.135(b)(13); 121.97(b)(1)(i) 3. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport facilities in accordance with the Certificate Holder's design <i>Sources:</i> 121.117(b)(1)(i); 121.135(b)(13); 121.97(b)(1)(i) 4. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport public protection in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(ii); 121.135(b)(13); 121.97(b)(1)(ii) 5. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport public protection in accordance with the Certificate Holder's design in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(ii); 121.135(b)(13); 121.97(b)(1)(ii) 6. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport public protection in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(ii); 121.135(b)(13); 121.97(b)(1)(ii) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>7. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport navigational and communications aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iii); 121.135(b)(13); 121.97(b)(1)(iii)</p> <p>8. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport navigational and communications aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iii); 121.135(b)(13); 121.97(b)(1)(iii)</p> <p>9. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport navigational and communications aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iii); 121.135(b)(13); 121.97(b)(1)(iii)</p> <p>10. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport construction affecting takeoff, landing or ground operations in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iv); 121.135(b)(13); 121.97(b)(1)(iv)</p> <p>11. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport construction affecting takeoff, landing or ground operations in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iv); 121.135(b)(13); 121.97(b)(1)(iv)</p> <p>12. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport construction affecting takeoff, landing or ground operations in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(iv); 121.135(b)(13); 121.97(b)(1)(iv)</p> <p>13. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport air traffic facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(v); 121.135(b)(13); 121.97(b)(1)(v)</p> <p>14. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport air traffic facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(v); 121.135(b)(13); 121.97(b)(1)(v)</p>	
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	<p>15. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include airport air traffic facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(1)(v); 121.135(b)(13); 121.97(b)(1)(v)</p> <p>16. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways dimensions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(i); 121.135(b)(13); 121.97(b)(2)(i)</p> <p>17. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways dimensions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(i); 121.135(b)(13); 121.97(b)(2)(i)</p> <p>18. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways dimensions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(i); 121.135(b)(13); 121.97(b)(2)(i)</p> <p>19. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways surface in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(ii); 121.135(b)(13); 121.97(b)(2)(ii)</p> <p>20. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways dimensions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(ii); 121.135(b)(13); 121.97(b)(2)(ii)</p> <p>21. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways and stopways dimensions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(ii); 121.135(b)(13); 121.97(b)(2)(ii)</p> <p>22. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, markings and light systems in</p>	
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	<p>accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iii); 121.135(b)(13); 121.97(b)(2)(iii)</p>	
23.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, markings and light systems in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iii); 121.135(b)(13); 121.97(b)(2)(iii)</p>	
24.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, markings and light systems in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iii); 121.135(b)(13); 121.97(b)(2)(iii)</p>	
25.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, elevation and gradient in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iii); 121.135(b)(13); 121.97(b)(2)(iii)</p>	
26.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, elevation and gradient in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iv); 121.135(b)(13); 121.97(b)(2)(iv)</p>	
27.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runways, clearways, stopways, elevation and gradient in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(2)(iv); 121.135(b)(13); 121.97(b)(2)(iv)</p>	
28.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds location in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(3)(i); 121.135(b)(13); 121.97(b)(3)(i)</p>	
29.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds location in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(3)(i); 121.135(b)(13); 121.97(b)(3)(i)</p>	
30.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each</p>	

	<p>airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds location in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(3)(i); 121.135(b)(13); 121.97(b)(3)(i)</p>	
31.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds dimensions in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(3)(ii); 121.135(b)(13); 121.97(b)(3)(ii)</p>	
32.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds dimensions in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(3)(ii); 121.135(b)(13); 121.97(b)(3)(ii)</p>	
33.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include displaced thresholds dimensions in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(3)(ii); 121.135(b)(13); 121.97(b)(3)(ii)</p>	
34.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include obstacles affecting takeoff and landing performance computations in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(4)(i); 121.135(b)(13); 121.97(b)(4)(i)</p>	
35.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include obstacles affecting takeoff and landing performance computations in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(4)(i); 121.135(b)(13); 121.97(b)(4)(i)</p>	
36.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include obstacles affecting takeoff and landing performance computations in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(4)(i); 121.135(b)(13); 121.97(b)(4)(i)</p>	
37.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include controlling obstacles in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.117(b)(4)(ii); 121.135(b)(13); 121.97(b)(4)(ii)</p>	
38.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for</p>	

	<p>maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include controlling obstacles in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(4)(ii); 121.135(b)(13); 121.97(b)(4)(ii)</p> <p>39. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include controlling obstacles in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(4)(ii); 121.135(b)(13); 121.97(b)(4)(ii)</p> <p>40. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument departure procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(i); 121.135(b)(13); 121.97(b)(5)(i)</p> <p>41. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument departure procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(i); 121.135(b)(13); 121.97(b)(5)(i)</p> <p>42. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument departure procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(i); 121.135(b)(13); 121.97(b)(5)(i)</p> <p>43. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(ii); 121.135(b)(13); 121.97(b)(5)(ii)</p> <p>44. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(ii); 121.135(b)(13); 121.97(b)(5)(ii)</p> <p>45. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include instrument approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(ii); 121.135(b)(13); 121.97(b)(5)(ii)</p> <p>46. Check at Geographic Location that the Certificate Holder's manual</p>	
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	<p>system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include missed approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(iii); 121.135(b)(13); 121.97(b)(5)(iii)</p>	
47.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include missed approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(iii); 121.135(b)(13); 121.97(b)(5)(iii)</p>	
48.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include missed approach procedure in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(5)(iii); 121.135(b)(13); 121.97(b)(5)(iii)</p>	
49.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runway visual range measurement equipment in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(6)(i); 121.135(b)(13); 121.97(b)(6)(i)</p>	
50.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runway visual range measurement equipment in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(6)(i); 121.135(b)(13); 121.97(b)(6)(i)</p>	
51.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for distributing to appropriate personnel current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include runway visual range measurement equipment in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(6)(i); 121.135(b)(13); 121.97(b)(6)(i)</p>	
52.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for obtaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include prevailing winds under low visibility conditions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(6)(ii); 121.135(b)(13); 121.97(b)(6)(ii)</p>	
53.	<p>Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has an approved system for maintaining current aeronautical data for each airport it uses to ensure a safe operation at that airport. The aeronautical data must include prevailing winds under low visibility conditions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(b)(6)(ii); 121.135(b)(13); 121.97(b)(6)(ii)</p>	
54.	<p>Check at the Air Carrier specified location that the Certificate Holder's</p>	

	<p>manual has an approved system for obtaining, maintaining, and distributing airport aeronautical data. <i>Sources:</i> 121.135(b)(8); A.009A</p> <p>55. Check at the Air Carrier specified location that the Certificate Holder has developed procedures and guidance for crewmember use while operating in areas in enroute operations in class G airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	
1.6.	<p>Did the certificate holder conduct operations only into or on approved areas and routes? <i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> 1. Check at the Air Carrier specified location, that the Certificate Holder's manual has appropriate OPSPECs pertaining to routes, areas, and airports. <i>Sources:</i> 119.43(a); 121.135(b)(1) 2. Check at the CHDO, that the Certificate Holder's manual has appropriate OPSPECs pertaining to routes, areas, and airports. <i>Sources:</i> 119.43(a); 121.135(b)(1) 3. Check at the CHDO that the Certificate Holder's manual has appropriate areas of operations listed in OPSPEC B-50. <i>Sources:</i> 119.5(j); 121.135(b)(6); 121.135(b)(7); B.050Authorized En Route Operations; Limitations 4. Check at the Dispatch Center that the Certificate Holder's manual system has a procedure to ensure that it has enough dispatch centers, adequate for the operations to be conducted, that are located at points necessary to ensure proper operational control of each flight in accordance with the Certificate Holder's design. <i>Sources:</i> 121.107; 121.135(b)(5) 5. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure aircraft operated within the United States are equipped and able to conduct operations over Federal airways in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(a)(1); 121.113(a)(3); 121.135(b)(6) 6. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure all IFR and night VFR operations within the United States are conducted over Federal airways in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(a)(1); 121.113(a)(4); 121.135(b)(7) 7. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure that it is able to conduct operations in accordance with the applicable requirements for each area outside the United States for which authorization is requested in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(a)(2); 121.135(b)(7) 8. Check at Air Carrier specified location that the Certificate Holder's operations outside of the controlled airspace has been approved by the administrator in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(b); 121.135(b)(7); 121.93(a)(2) 9. Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>having considered terrain clearance in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(1); 121.135(b)(7); 121.95(a)(1)</p>	
10.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered minimum enroute altitudes in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(2); 121.135(b)(7); 121.95(a)(2)</p>	
11.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ground and airborne navigation aids in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(3); 121.135(b)(7); 121.95(a)(3)</p>	
12.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered air traffic density in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(4); 121.135(b)(7); 121.95(a)(4)</p>	
13.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ATC procedures in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.115(a)(5); 121.135(b)(6); 121.135(b)(7); 121.95(a)(5)</p>	
14.	<p>Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering navigational and communications aids in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(8); 121.97(a)</p>	
15.	<p>Check at the Air Carrier specified location that the Certificate Holder's manual system has a procedure which permits operators authorized to conduct domestic operations to comply with part 121 regulations applicable to domestic operations on segments of routes outside the United States provided specific authorization is obtained from the Administrator</p> <p><i>Sources:</i> 121.135(b)(3); A.012</p>	
16.	<p>Check at the Air Carrier specified location that the Certificate Holder has a method or procedure for ensuring that any facilities and services that this type of operation depends upon are operational during the periods in which flights are to occur.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	
17.	<p>Check at the Air Carrier specified location that the Certificate Holder has developed procedures and guidance for crewmember use while operating in areas in enroute operations in class G airspace.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	

1.7.	<p>Did the certificate holder conduct operations only into approved airports?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> 1. Check at the CHDO, that the Certificate Holder's manual has appropriate OPSPECs pertaining to routes, areas, and airports. <i>Sources:</i> 119.43(a); 121.135(b)(1) 2. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering size in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 3. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering surface in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 4. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering obstructions in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 5. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering facilities in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 6. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering public protection in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 7. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering lighting in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 8. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering navigational and communications aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 9. Check at Geographic Location that the Certificate Holder's manual system has a procedure to ensure that any airport used is properly equipped and adequate for the proposed operation, considering ATC in accordance with the Certificate Holder's design. <i>Sources:</i> 121.117(a); 121.135(b)(13) 10. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure all airports within the United States and the District of Columbia, except alternate airports, are certified under part 139 when used by operators with aircraft having at least 31 passenger seats in accordance with the Certificate Holder's 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
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	<p>design. Sources: 121.135(b)(8); 121.590(a)</p> <p>11. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that passenger-carrying operations, with airplanes designed for less than 31 passenger seats that may operate those airplanes into airports not certificated under part 139 of this chapter, are adequate for the proposed operation, considering such items as size, surface, obstructions, and lighting in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.590(b)(1)</p> <p>12. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering obstructions in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.97(a)</p> <p>13. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering surface in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.97(a)</p> <p>14. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering facilities in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.97(a)</p> <p>15. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering public protection in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.97(a)</p> <p>16. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering lighting in accordance with the Certificate Holder's design. Sources: 121.135(b)(8); 121.97(a)</p> <p>17. Check at the Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure adequate aircraft rescue and firefighting capability during air carrier operations in accordance with the Certificate Holder's design. Sources: 121.135(b)(11); 139.319(a)</p> <p>18. Check at the Air Carrier specified location that the Certificate Holder has a method or procedure for ensuring that any facilities and services that this type of operation depends upon are operational during the periods in which flights are to occur. Sources: 121.135(b)(6); 121.135(b)(7); A.014</p>	
1.8.	<p>If the certificate holder uses Non-Federal NAVAIDS, did the certificate holder conduct these operations in accordance with its approved procedures? <i>Related Performance JTIs:</i></p> <p>1. Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that non visual ground aids are available over the route for navigating aircraft within the degree of</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable</p>

	<p>accuracy required for ATC. <i>Sources:</i> 121.103(a)(1); 121.121(a)(1); 121.135(b)(6); 121.135(b)(7)</p>	
2.	<p>Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure that for each proposed route non visual ground aids are located to allow navigation to any regular, provisional, refueling, or alternate airport, within the degree of accuracy necessary for the operation involved. <i>Sources:</i> 121.103(a)(2); 121.121(a)(2); 121.135(b)(6); 121.135(b)(7)</p>	
3.	<p>Check at Air Carrier specified location that the Certificate Holder's operations outside of the controlled airspace has been approved by the administrator in accordance with the Certificate Holder's design. <i>Sources:</i> 121.113(b); 121.135(b)(7); 121.93(a)(2)</p>	
4.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered terrain clearance in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(1); 121.135(b)(7); 121.95(a)(1)</p>	
5.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered minimum enroute altitudes in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(2); 121.135(b)(7); 121.95(a)(2)</p>	
6.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ground and airborne navigation aids in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(3); 121.135(b)(7); 121.95(a)(3)</p>	
7.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered air traffic density in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(4); 121.135(b)(7); 121.95(a)(4)</p>	
8.	<p>Check at Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure routes and route segments over Federal airways, foreign airways, or advisory routes have a width equal to the designated width of those airways or advisory routes, having considered ATC procedures in accordance with the Certificate Holder's design. <i>Sources:</i> 121.115(a)(5); 121.135(b)(6); 121.135(b)(7); 121.95(a)(5)</p>	
9.	<p>Check at the Air Carrier specified location that the Certificate Holder's manual system has procedures to ensure nonvisual ground aids needed for navigation outside of controlled airspace are listed in the Operations Specifications in accordance with the Certificate Holder's design. <i>Sources:</i> 121.103(a); 121.121(c); 121.135(b)(6); 121.135(b)(7)</p>	
10.	<p>Check at the Air Carrier specified location that the Certificate Holder's manual system has a procedure which permits operators authorized to</p>	

	<p>conduct domestic operations to comply with part 121 regulations applicable to domestic operations on segments of routes outside the United States provided specific authorization is obtained from the Administrator</p> <p><i>Sources:</i> 121.135(b)(3); A.012</p> <p>11. Check at the Air Carrier specified location that the Certificate Holder has developed procedures and guidance for crewmember use while operating in areas in enroute operations in class G airspace.</p> <p><i>Sources:</i> 121.135(b)(6); 121.135(b)(7); A.014</p>	
1.9.	<p>Did the certificate holder have the required communications capabilities?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the Geographic Location that the Certificate Holder's manual system has a procedure to ensure that it has enough airports that are properly equipped and adequate for the proposed operation, considering ATC in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(8); 121.97(a)</p> <p>2. Check at the Dispatch Center that the Certificate Holder's manual system has a procedure to ensure reliable and rapid communications, under normal operating conditions over the entire route (either direct or via approved point-to-point circuits) between each airplane and the appropriate dispatch office except as specified as 121.351(c) in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(4); 121.99(a)</p> <p>3. Check at the Dispatch Center that the Certificate Holder's manual system has a procedure to ensure reliable and rapid communications, under normal operating conditions, over the entire route (either direct or via approved point-to-point circuits) between each airplane and the appropriate air traffic control unit, except as specified as 121.351(c) in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(4); 121.99(a)</p> <p>4. Check at the Dispatch Center that the Certificate Holder's manual system has a procedure to ensure for domestic and flag operations communications systems between each airplane and the dispatch office must be independent of any system operated by the United States in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(4); 121.99(b)(1); 121.99(b)(2); 121.99(b)(3)</p> <p>5. Check at the Air Carrier specified location that the Certificate Holder's manual system has a procedure for disseminating the information required by paragraph (b) of this section to the pilot in command and appropriate flight operation personnel in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.135(b)(13); 121.443(a)</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p>
1.10.	<p>Were the certificate holder's aircraft properly equipped for its operations?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at Air Carrier specified location that the Certificate Holder's manual system has a procedure to ensure aircraft operated within the United States are equipped and able to conduct operations over Federal airways in accordance with the Certificate Holder's design.</p> <p><i>Sources:</i> 121.113(a)(1); 121.113(a)(3); 121.135(b)(6)</p> <p>2. Check at the Air Carrier specified location that the Certificate Holder's</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p>

	<p>manual system has a procedure to permit extended overwater operations without carrying certain emergency ditching equipment (when authorized). <i>Sources:</i> 121.135(b)(11); A.013</p>	
3.	<p>Check at the Air Carrier specified location that the Certificate Holder has been issued Operations Specifications B031. <i>Sources:</i> 121.135(b)(3); B.031</p>	
4.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B032 has been issued to operators who conduct any IFR operations. <i>Sources:</i> 121.135(b)(3); B.032</p>	
5.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B034 has been issued to operators who conduct IFR Class I navigation using an area navigation system. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.034</p>	
6.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B035 has been issued to operators who conduct Class 1 navigation within the US positive control area (PCA) using an area navigation system (including a long range navigation system) which does not meet the enroute performance criteria of the most recent version of AC 90-45. <i>Sources:</i> 121.135(b)(3); B.035</p>	
7.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B036 has been issued to operators when long range navigation systems are required due to the inability to obtain a reliable fix at least once each hour from ICAO Standard NAVAIDs. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.036Class II Navigation</p>	
8.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B037 has been issued to operators who are authorized Class II navigation in the airspace designated as Central East Pacific (CEP) Airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.037Operations in Central East Pacific</p>	
9.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B038 has been issued to operators who are authorized Class II navigation in the airspace designated as North Pacific (NOPAC) operations airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.038Operations in North Pacific</p>	
10.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B039 has been issued to operators who are authorized Class II navigation in the airspace designated as North Atlantic Minimum Navigation Performance Specifications (NAT/MNPS) airspace. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.039Operations in North Atlantic Minimum Nav</p>	
11.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B040 has been issued to operators who are authorized either Class I or Class II navigation in areas of magnetic unreliability. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.040Operations in North Atlantic Minimum Nav</p>	
12.	<p>Check at the Air Carrier specified location to ensure Operations Specifications B041 has been issued to operators who demonstrate the capability and competency to safely conduct operations over the North</p>	

	<p>Atlantic with two-engine airplanes within the 60-minute constraint. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.041</p> <p>13. Check at the Air Carrier specified location to ensure Operations Specifications B045 has been issued to operators who are approved the use of single long range communication systems. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.045</p> <p>14. Check at the Air Carrier specified location to ensure Operations Specifications B047 has been issued to operators who are approved the use of a flight navigator in Class II navigation. <i>Sources:</i> 121.135(b)(11); B.047Class II Navigation using Flight Navigator</p> <p>15. Check at the Air Carrier specified location to ensure Operations Specifications B054 has been issued to operators who are authorized Class II navigation using a single long-range navigation system (S-LRNS). <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.054</p> <p>16. Check at the Air Carrier specified location to ensure Operations Specifications B055 has been issued to operators who are authorized north polar flight operations. <i>Sources:</i> 121.135(b)(6); 121.135(b)(7); B.055North Polar Operations</p>	
2.	Were the certificate holder's policies, procedures, instructions, and information for the Use of Approved Areas, Routes and Airports process followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.	Were the Use of Approved Areas, Routes and Airports process controls followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	Did the records for the Use of Approved Areas, Routes and Airports process comply with the instructions provided by the certificate holder?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Were the process measurements for the Use of Approved Areas, Routes and Airports process effective in identifying problems or potential problems and providing corrective action for them?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
6.	Did personnel properly handle the associated interfaces by complying with other written policies, procedures, instructions, and information that are related to this element?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

EPI Section 1 - Performance Observables Drop-Down Menu	
1.	Personnel.
2.	Tools and Equipment.
3.	Technical Data.
4.	Procedures, policies or instructions or information.
5.	Materials.
6.	Facilities.
7.	Controls.
8.	Process Measures.
9.	Interfaces.
10.	Desired Outcome.
11.	Other.

EPI Section 2 - Management Responsibility & Authority Observables

Objective: The questions in this section address the responsibility and authority of the process. They are designed to assist the inspector in determining if there is a clearly identifiable, qualified, and knowledgeable person who is responsible for the process, is answerable for the quality of the process, and has the authority to establish and modify the process. (The person with the authority may or may not be the person with the responsibility.)

Tasks

	To meet this objective, the inspector must accomplish the following tasks:
	NOTE: If no personnel or major program changes (as defined by the principal inspector (PI)) affecting the responsibility or authority attributes for this element have occurred since the last SAI and/or EPI was accomplished, then do not perform tasks 3 - 6, below. Answer questions 1 and 2, below, and provide the name/title.
1.	Identify the person who has overall responsibility for the Use of Approved Areas, Routes and Airports process.
2.	Identify the person who has overall authority for the Use of Approved Areas, Routes and Airports process.
3.	Review the duties and responsibilities for those who manage the Use of Approved Areas, Routes and Airports process.
4.	Review the appropriate organizational chart.
5.	Discuss the Use of Approved Areas, Routes and Airports process with the management personnel identified in tasks 1 and 2.
6.	Evaluate the qualifications and work experience of the management personnel identified in tasks 1 and 2.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Is there a clearly identified person who is responsible for the quality of the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
2.	Is there a clearly identified person who has authority to establish and modify the certificate holder's policies, procedures, instructions, and information for the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
3.	Does the responsible person know that he/she has responsibility for the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
4.	Does the person with authority know that he/she has authority for the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
5.	Does the person with responsibility for the Use of Approved Areas, Routes and Airports process meet the qualification standards?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
6.	Does the person with authority to establish and modify the Use of Approved	<input type="checkbox"/> Yes

	Areas, Routes and Airports process meet the qualification standards?	<input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
7.	Does the person with responsibility understand the controls, process measurements, and interfaces associated with the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
8.	Does the person with authority understand the controls, process measurements, and interfaces associated with the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
9.	Does the responsible person know who has authority to establish and modify the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
10.	Does the individual with authority know who has the responsibility for the Use of Approved Areas, Routes and Airports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change

EPI Section 2 - Management Responsibility & Authority Observables Drop-Down Menu	
1.	Assignment of responsibility.
2.	Assignment of authority.
3.	Does not understand procedures, policies or instructions and information.
4.	Does not understand controls.
5.	Does not understand process measurements.
6.	Does not understand interfaces.
7.	Span of control.
8.	Position vacant.
9.	Other.