

Safety Attribute Inspection (SAI) Data Collection Tool
1.1.2 Appropriate Operational Equipment (AW)

ELEMENT SUMMARY INFORMATION

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

- To ensure that the certificate holder's aircraft are equipped in accordance with the applicable regulations to conduct safe operations over the intended route.

Objective (FAA oversight):

- To determine if the certificate holder's Appropriate Operational Equipment process meets all applicable requirements of Title 14 of the Code of the Federal Regulations (14 CFR) and FAA policies.
- To determine if the certificate holder's Appropriate Operational Equipment process incorporates the safety attributes.
- To identify any shortfalls in the certificate holder's Appropriate Operational Equipment process.

Specific Instructions:

- Intentionally left blank

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirements (SRRs):

- SRRs:
 - 119.43(b)
 - 119.43(b)(1)
 - 119.43(b)(2)
 - 119.43(c)
 - 121.135(a)(1)
 - 121.135(b)(1)
 - 121.135(b)(2)
 - 121.135(b)(3)
 - 121.309(a)
 - 121.310(a)
 - 121.323(a)
 - 121.323(b)
 - 121.323(c)
 - 121.323(d)
 - 121.325(a)
 - 121.325(b)
 - 121.325(c)
 - 121.327(c)
 - 121.327(c)(1)
 - 121.327(c)(2)
 - 121.327(c)(3)
 - 121.329(b)(1)
 - 121.329(b)(2)
 - 121.329(b)(3)

- SRRs:
 - 121.329(c)(1)
 - 121.329(c)(2)
 - 121.329(c)(3)
 - 121.337(b)
 - 121.337(b)(8)
 - 121.337(b)(9)(i)
 - 121.337(b)(9)(ii)
 - 121.337(b)(9)(iii)
 - 121.339(a)(1)
 - 121.339(a)(2)
 - 121.339(a)(3)
 - 121.339(a)(4)
 - 121.339(c)
 - 121.340(a)
 - 121.340(b)
 - 121.347(a)(1)
 - 121.347(a)(2)
 - 121.347(a)(3)
 - 121.349(a)
 - 121.351(a)
 - 121.353(a)
 - 121.353(b)
 - 121.353(c)
 - 121.367
 - 121.571(b)(1)
 - 121.571(b)(2)
 - 121.585(d)
 - 91.209(a)(1)
 - 91.209(a)(2)
 - A.013
 - A.056b(1)
 - A.362c(7)
 - A.522(a)
 - A.522c(3)
 - A.522c(3)(a)
 - A.522c(3)(b)
 - A.522o
 - B.030d.(4)
 - B.034e(4)
 - B.045c(1)
 - B.047a
 - B.047a(1)
 - B.047a(2)
 - B.047a(3)
 - B.055c(5)
 - B.055c(6)
 - C.074c(1)

Related CFRs & FAA Policy/Guidance:

- Related CFRs:
 - Intentionally left blank
- FAA Policy/Guidance:
 - AC 121-24C
 - AC 120-28D

SAI Section 1 - Procedures Attribute

Objective: Procedures, instructions, and information are documented methods for accomplishing a process. The certificate holder's policies should establish their compliance posture. Policies may be stand-alone statements, or they may be imbedded within procedures, instructions, or information regarding a particular regulatory requirement. The questions in this section of the data collection tool (DCT) are designed to assist the inspector in determining if the certificate holder has documented or prescribed methods of accomplishing the process requirements that provide answers to the associated questions regarding who, what, when, where, and how. This section contains policy questions, procedural questions, and instructional or informational questions pertaining to various types of certificate holder requirements such as actions, prohibitions, or resources (i.e., personnel, facilities, equipment, technical data, etc.).

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 duties and responsibilities for management and other personnel identified by the certificate holder who accomplish the Appropriate Operational Equipment process.
3.	Review the certificate holder's Appropriate Operational Equipment process to ensure it contains the policies, procedures, instructions and information necessary for personnel to perform their duties and responsibilities with a high degree of safety.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder's Appropriate Operational Equipment process meet the specific regulatory and FAA policy requirements:	
1.1.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the emergency equipment required by 14 CFR part 121, section 121.309?</p> <p>SRRs: 121.309(a)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide aircraft with hand fire extinguishers, of an approved type, containing the type and quantity of extinguishing agent suitable for the kinds of fires likely to occur in the compartment where the extinguisher is intended to be used. <i>Sources:</i> 121.135(a)(1); 121.309(c)(1) <i>Interfaces:</i> 1.1.1(AW) 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide aircraft with at least one hand fire extinguisher, conveniently located, that is accessible to crewmembers during flight, for use in each Class E cargo compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide aircraft with at least one hand fire extinguisher, conveniently located, for use in each galley located in a compartment other than a passenger, cargo, or crew compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(3) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide aircraft with at least one hand fire extinguisher, conveniently located, on the flight deck for use by the flightcrew. <i>Sources:</i> 121.135(a)(1); 121.309(c)(4) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 6 but fewer than 31 passengers, at least one hand fire extinguisher. <i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(i) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 30 but fewer than 61 passengers, at least two hand fire extinguishers uniformly distributed throughout each compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(ii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating 61 through 200 passengers, at least three hand fire extinguishers uniformly distributed throughout each compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>8. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 200 but fewer than 301 passengers, at least four hand fire extinguishers uniformly distributed throughout each compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 300 but fewer than 401 passengers, at least five hand fire extinguishers uniformly distributed throughout each compartment. <i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>10. Check that the Certificate Holder's manual includes instructions and</p>	
--	---	--

	<p>information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 400 but fewer than 501 passengers, at least six hand fire extinguishers uniformly distributed throughout each compartment.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
11.	<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 500 but fewer than 601 passengers, at least seven hand fire extinguishers uniformly distributed throughout each compartment.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
12.	<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide, in aircraft having passenger seats accommodating more than 600 passengers, at least eight hand fire extinguishers uniformly distributed throughout each compartment.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(5)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
13.	<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide a passenger carrying airplane, where a galley is located in a passenger compartment, with at least one hand fire extinguisher conveniently located and easily accessible for use in the galley.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(6) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
14.	<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility to provide passenger-carrying airplanes with at least two of the required hand fire extinguishers containing Halon 1211 (bromochlorofluoromethane) or equivalent as the extinguishing agent.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(7) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
15.	<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to provide a passenger-carrying airplanes with at least one hand fire extinguisher in the passenger compartment containing Halon 1211 (bromochlorofluoromethane) or equivalent as the extinguishing agent.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(c)(7) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	
16.	<p>Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that each medical kit is stored securely so as to keep it free from dust, moisture, and damaging temperatures.</p> <p><i>Sources:</i> 121 App..AEmergency Medical Kits 1; 121.367 <i>Interfaces:</i> 1.1.1(AW)</p>	
17.	<p>Check that the Certificate Holder's manual includes instructions and</p>	

	<p>information necessary to allow the personnel concerned to perform their duty and responsibility, to equip each airplane operated with a crash ax.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(a); 121.309(e) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP)</p> <p>18. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to equip each passenger-carrying airplane, with a seating capacity of more than 60 and less than 100 passengers, with portable battery-powered megaphone located at the most rearward location in the passenger cabin where it is readily accessible to a normal flight attendant seat.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(a); 121.309(f)(1) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>19. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to equip each passenger-carrying airplane, with a seating capacity of more 99 passengers, with two battery powered megaphones in the passenger cabin, one installed at the forward end and the other at the most rearward location where it is readily accessible to a normal flight attendant seat.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(a); 121.309(f)(2) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>20. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to equip each passenger carrying airplane with megaphones that are readily accessible to the crew.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(a); 121.309(b)(2); 121.309(f) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>21. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to clearly identify each megaphone in passenger carrying airplanes.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.309(f) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>22. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to clearly mark the method of operation of each megaphone in passenger carrying airplanes.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.309(f) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>23. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to mark as to contents, the compartment or container in which megaphones are carried in passenger carrying airplanes.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.309(f) <i>Interfaces:</i> 1.1.1(AW); 3.2.1(OP)</p> <p>24. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, on passenger carrying airplanes, when megaphones are carried in a compartment or container, that the compartment or container, or the megaphone itself, is marked as to date of last</p>	
--	---	--

	<p>inspection.</p> <p>Sources: 121.309(b)(4); 121.309(f); 121.367</p> <p>Interfaces: 1.1.1(AW); 3.2.1(OP)</p>	
1.2.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the emergency equipment required by 14 CFR part 121, section 121.310?</p> <p>SRRs: 121.310(a)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that each passenger-carrying landplane emergency exit (other than over-the-wing) that is more than 6 feet from the ground with the airplane on the ground and the landing gear extended, has an approved means to assist the occupants in descending to the ground. Sources: 121.310(a); 121.367 Interfaces: 1.1.1(AW); 3.2.1(OP); 3.2.3(OP) 2. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that each passenger-carrying airplane with flight attendant seats, is equipped with flashlight stowage provisions accessible from each flight attendant seat. Sources: 121.310(l); 121.367 Interfaces: 1.1.1(AW); 3.2.1(OP) 3. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, for each passenger carrying airplane, to have an approved self-supporting slide or equivalent at each non over-wing Type A, Type B or Type C exit that is more than 6 feet from the ground with the airplane on the ground and the landing gear extended to assist the occupants in descending to the ground. Sources: 121.135(a)(1); 121.310(a); 25.810(a)(1) Interfaces: 1.1.1(AW); 2.1.1(AW); 2.1.1(OP); 2.1.2(AW); 2.1.2(OP); 2.1.3(AW); 2.1.3(OP); 2.1.4(AW); 2.1.4(OP); 2.1.5(AW); 2.1.5(OP) 4. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to equip each passenger carrying airplane, at each non over-wing Type A, Type B or Type C exit, with approved self-supporting slides or equivalent that are readily accessible to the crew. Sources: 121.135(a)(1); 121.309(b)(2); 121.310(a); 25.810(a)(1) Interfaces: 1.1.1(AW); 3.1.2(OP); 3.1.3(OP) 5. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to clearly identify each approved self-supporting slides or equivalent, at each non over-wing Type A, Type B or Type C exit. Sources: 121.135(a)(1); 121.309(b)(3); 121.310(a); 25.810(a)(1) Interfaces: 1.1.1(AW); 3.1.2(OP); 3.1.3(OP) 6. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>their duty and responsibility, to clearly mark the method of operation of each approved self-supporting slides or equivalent, at each non over-wing Type A, Type B or Type C exit.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.310(a); 25.810(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to mark as to contents, the compartment or container in which each approved self-supporting slides or equivalent is carried.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.310(a); 25.810(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>8. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, on passenger carrying airplanes, the compartment or container in which each approved self-supporting slides or equivalent is carried is marked as to the date of last inspection.</p> <p><i>Sources:</i> 121.309(b)(4); 121.310(a); 121.367; 25.810(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility that, if the assisting means for flightcrew emergency exits is a rope or an approved device equivalent to a rope, it is readily accessible to the crew.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.310(a); 25.810(a)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>10. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility clearly identify the rope, or an approved device equivalent to a rope, for flightcrew emergency exits.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.310(a); 25.810(a)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>11. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, clearly mark the method of operation of each rope, or approved device equivalent to a rope for flightcrew emergency exits.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.310(a); 25.810(a)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>12. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, if the rope or approved device equivalent to a rope for flightcrew emergency exits, if carried in a compartment or container, to mark as to contents the compartment or container in which each rope, or approved device equivalent to a rope is carried.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.310(a); 25.810(a)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>13. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, the compartment or container in which each rope, or approved device equivalent to a rope for flightcrew emergency exits is carried is marked as to the date of last inspection.</p>	
--	--	--

	<p>Sources: 121.309(b)(4); 121.310(a); 121.367; 25.810(a)(2) Interfaces: 1.1.1(AW); 3.1.3(OP)</p>	
1.3.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the following equipment required for operations at night: SRRs: 121.323(a)</p>	
1.3.1	<p>Position lights? SRRs: 121.323(a); 91.209(a)(1); 91.209(a)(2)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.2	<p>An anti-collision light? SRRs: 121.323(b)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.3	<p>Two landing lights? SRRs: 121.323(c)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.4	<p>Instrument lights providing enough light to make each required instrument, switch, or similar instrument, easily readable and so installed that the direct rays are shielded from the flight crewmembers' eyes and that no objectionable reflections are visible to them, and a means of controlling the intensity of illumination unless it is shown that nondimming instrument lights are satisfactory? SRRs: 121.323(d)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the following instruments and equipment required for operation of the certificate holder's aircraft under IFR or over-the-top operations:</p>	
1.4.1	<p>An airspeed indicating system with heated pitot tube or equivalent means for preventing malfunctioning due to icing? SRRs: 121.325(a)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.2	<p>A sensitive altimeter? SRRs: 121.325(b)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.4.3	<p>Instrument lights providing enough light to make each required instrument, switch, or similar instrument, easily readable and so installed that the direct rays are shielded from the flight crewmembers' eyes and that no objectionable reflections are visible to them, and a means of controlling the intensity of illumination unless it is shown that nondimming instrument lights are satisfactory? SRRs: 121.325(c)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.5.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure adequate supplemental oxygen is furnished:</p>	
1.5.1	<p>For each member of the flight crew on flight deck duty? SRRs: 121.329(b)(1); 121.329(b)(2); 121.329(b)(3) <i>Related Design JTIs:</i> 1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane, to allow the personnel concerned to perform their duty and responsibility to provide an amount of supplemental oxygen and dispensing equipment for standby crewmembers, who are on call, or are definitely going to have flight deck duty before completing the flight,</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>equal to that provided for all other crewmembers. <i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(b)(3) <i>Interfaces:</i> 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a reciprocating engine powered airplane with a pressurized cabin at flight altitudes above 10,000 feet, to allow the personnel concerned to perform their duty and responsibility to provide enough oxygen for each crewmember for the entire flight at those altitudes. <i>Sources:</i> 121.135(a)(1); 121.331(a); 121.331(b) <i>Interfaces:</i> 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above 10,000 feet, and at cabin pressure altitudes above 10,000 feet up to and including 12,000 feet, to allow the personnel concerned to perform their duty and responsibility to provide sustaining oxygen and dispensing equipment for all crewmembers for that part of the flight at those altitudes that is of more than 30 minutes duration, but not less than a two-hour supply for each flight crewmember on flight deck duty. <i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(b)(1); 121.333(a); 121.333(b) <i>Interfaces:</i> 3.1.3(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above 12,000 feet, to allow the personnel concerned to perform their duty and responsibility to provide sustaining oxygen and dispensing equipment for all crewmembers, but not less than a two-hour supply for each flight crewmember on flight deck duty. <i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(b)(2); 121.333(a); 121.333(b) <i>Interfaces:</i> 3.1.3(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above flight level 250, to allow the personnel concerned to perform their duty and responsibility to provide an approved oxygen mask for each flight crewmember on flight deck duty. <i>Sources:</i> 121.135(a)(1); 121.333(a); 121.333(c)(1) <i>Interfaces:</i> 3.1.3(OP)</p>	
1.5.2	<p>For each passenger carried? SRRs: 121.329(c)(1); 121.329(c)(2); 121.329(c)(3) <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane at cabin pressure altitudes above 10,000 feet up to and including 14,000 feet, to allow the personnel concerned to perform their duty and responsibility, to provide a supply of oxygen for passengers for that part of the flight, at those altitudes that is of more than 30 minutes duration for 10 percent of the passengers.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p><i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(c)(1) <i>Interfaces:</i> 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane at cabin pressure altitudes above 14,000 feet, up to and including 15,000 feet, to allow the personnel concerned to perform their duty and responsibility, to provide a supply of oxygen for passengers for that part of the flight at those altitudes for 30 percent of the passengers. <i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(c)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane, at cabin pressure altitudes above 15,000 feet, to allow the personnel concerned to perform their duty and responsibility to provide a supply of oxygen for each passenger carried during the entire flight. <i>Sources:</i> 121.135(a)(1); 121.329(a); 121.329(c)(3) <i>Interfaces:</i> 3.1.3(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin, certificated to operate at flight altitudes up to and including flight level 250, and can at any point along the route to be flown, descend safely to a flight altitude of 14,000 feet or less within four minutes, to allow the personnel concerned to perform their duty and responsibility to provide oxygen for a 30-minute period for at least 10 percent of the passenger cabin occupants. <i>Sources:</i> 121.135(a)(1); 121.333(a); 121.333(e)(1) <i>Interfaces:</i> 3.1.3(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes up to and including flight level 250, and cannot descend safely to a flight altitude of 14,000 feet within four minutes, to allow the personnel concerned to perform their duty and responsibility to provide oxygen for not less than 10 percent of the passenger cabin occupants for the entire flight after cabin depressurization, at cabin pressure altitudes above 10,000 feet up to and including 14,000 feet. <i>Sources:</i> 121.135(a)(1); 121.329(c)(1); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes up to and including flight level 250, and cannot descend safely to a flight altitude of 14,000 feet within four minutes, to allow the personnel concerned to perform their duty and responsibility to provide not less than a 10-minute supply of oxygen for the passenger cabin occupants. <i>Sources:</i> 121.135(a)(1); 121.329(c)(1); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes up to and including flight level 250, and cannot descend safely to a flight altitude of 14,000 feet within four minutes, to allow the personnel concerned to perform their duty and responsibility to provide enough oxygen for flights at</p>	
--	---	--

	<p>cabin pressure altitudes above 14,000 feet, up to and including 15,000 feet, for that part of the flight at those altitudes for 30 percent of the passengers.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(2); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>8. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes up to and including flight level 250, and cannot descend safely to a flight altitude of 14,000 feet within four minutes, to allow the personnel concerned to perform their duty and responsibility to provide enough oxygen for flights at cabin pressure altitudes above 15,000 feet for each passenger carried during the entire flight at those altitudes.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(3); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above flight level 250, to allow the personnel concerned to perform their duty and responsibility to provide oxygen for not less than 10 percent of the passenger cabin occupants for the entire flight after cabin depressurization, at cabin pressure altitudes above 10,000 feet up to and including 14,000 feet.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(1); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>10. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above flight level 250, to allow the personnel concerned to perform their duty and responsibility to provide not less than a 10-minute supply of oxygen for the passenger cabin occupants.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(1); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>11. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above flight level 250, to allow the personnel concerned to perform their duty and responsibility to provide enough oxygen for 30 percent of the passengers for that part of the flight where cabin pressure altitudes are above 14,000 feet, up to and including 15,000 feet.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(2); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>12. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin at flight altitudes above flight level 250 to allow the personnel concerned to perform their duty and responsibility to provide enough oxygen for each passenger carried at cabin pressure altitudes above 15,000 feet, during the entire flight at those altitudes.</p> <p><i>Sources:</i> 121.135(a)(1); 121.329(c)(3); 121.333(a); 121.333(e)(2) <i>Interfaces:</i> 3.1.3(OP)</p> <p>13. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin, following descent from cabin</p>	
--	--	--

	<p>pressure altitudes above flight level 250, for first-aid treatment of occupants who for physiological reasons might require undiluted oxygen, to allow the personnel concerned to perform their duty and responsibility to provide a supply of oxygen for two percent of the occupants for the entire flight after cabin depressurization at cabin pressure altitudes above 8,000 feet, but in no case to less than one person.</p> <p><i>Sources:</i> 121.135(a)(1); 121.333(a); 121.333(e)(3) <i>Interfaces:</i> 3.1.2(OP); 3.1.3(OP)</p> <p>14. Check that the Certificate Holder's manual includes instructions and information necessary, when operating a turbine engine powered airplane with a pressurized cabin, following descent from cabin pressure altitudes above flight level 250, to allow the personnel concerned to perform their duty and responsibility to provide an appropriate number of acceptable dispensing units, but in no case less than two, with a means for the cabin attendants use, for first-aid treatment of occupants who, for physiological reasons might require undiluted oxygen.</p> <p><i>Sources:</i> 121.135(a)(1); 121.333(a); 121.333(e)(3) <i>Interfaces:</i> 3.1.2(OP); 3.1.3(OP)</p>	
1.6.	Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the following equipment required if the certificate holder performs extended overwater operations:	
1.6.1	<p>A life preserver or an approved flotation means equipped with an approved survivor locator light, for each occupant of the airplane? SRRs: 121.339(a)(1); A.013 <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended overwater operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with a life preserver, which is equipped with an approved survivor locator light, for each occupant of the airplane. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when conducting extended overwater operations, to allow the personnel concerned to perform their duty and responsibility, to equip each passenger carrying airplane with life preserver/s that are readily accessible to the crew. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when conducting extended overwater operations, to allow the personnel concerned to perform their duty and responsibility, to equip each passenger carrying airplane with life preserver/s that, if carried in the passenger compartment, are readily accessible to passengers. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	<p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when conducting extended overwater operations, to allow the personnel concerned to perform their duty and responsibility, to clearly identify each life preserver. <i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when conducting extended overwater operations, to allow the personnel concerned to perform their duty and responsibility, to clearly mark each life preserver to indicate its method of operation. <i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary, when conducting extended overwater operations, to allow the personnel concerned to perform their duty and responsibility, if life preservers are carried in a compartment or container, to mark the compartment or container as to contents. <i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(a); 121.339(a)(1) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>7. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, if life preservers are carried in a compartment or container, the compartment or container, or the life preservers themselves, are marked as to date of last inspection. <i>Sources:</i> 121.309(b)(4); 121.339(a)(1); 121.367 <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>8. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required life preservers easily accessible in the event of a ditching without appreciable time for preparatory procedures. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required life preservers installed in conspicuously marked, approved locations. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	
1.6.2	<p>Enough life rafts (each equipped with an approved survivor locator light) of a rated capacity and buoyancy to accommodate the occupants of the airplane?</p> <p>SRRs: 121.339(a)(2) <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that each airplane, when operating in extended over water operations, is equipped with enough life rafts of a rated capacity and</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	<p>buoyancy to accommodate the occupants of the airplane. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with enough life rafts that are readily accessible to the crew. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with enough life rafts that, when carried in the passenger compartment, are readily accessible to passengers. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to clearly identify each life raft. <i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to clearly mark each life raft to indicate its method of operation. <i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, if life rafts are carried in a compartment or container, to mark the compartment or container as to contents. <i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(a); 121.339(a)(2) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>7. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, if life rafts are carried in a compartment or container, the compartment or container, or the raft itself, is marked as to date of last inspection. <i>Sources:</i> 121.309(b)(4); 121.339(a)(2); 121.367 <i>Interfaces:</i> 1.1.1(AW)</p> <p>8. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required life rafts easily accessible in the event of a ditching without appreciable time for preparatory procedures. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b)</p>	
--	--	--

	<p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required life rafts installed in conspicuously marked, approved locations.</p> <p><i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	
1.6.3	<p>At least one pyrotechnic signaling device for each life raft?</p> <p>SRRs: 121.339(a)(3)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to equip each airplane with at least one pyrotechnic signaling device for each life raft. <p><i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <ol style="list-style-type: none"> 2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to equip the aircraft with a pyrotechnic signaling device for each life raft that is readily accessible to the crew. <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <ol style="list-style-type: none"> 3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to equip the aircraft with a pyrotechnic signaling device for each life raft that, when located in the passenger compartment, is readily accessible to passengers. <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <ol style="list-style-type: none"> 4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, clearly identify the pyrotechnic signaling device for each life raft. <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <ol style="list-style-type: none"> 5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to clearly mark the pyrotechnic signaling device for each life raft to indicate its method of operation. <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <ol style="list-style-type: none"> 6. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, if pyrotechnic signaling devices are carried in a 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	<p>compartment or container, to mark the compartment or container as to contents.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(a); 121.339(a)(3)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>7. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, if the pyrotechnic signaling device is carried in a compartment or container, the compartment or container, or the pyrotechnic signaling device itself is marked as to date of last inspection.</p> <p><i>Sources:</i> 121.309(b)(4); 121.339(a)(3); 121.367</p> <p><i>Interfaces:</i> 1.1.1(AW)</p>	
1.6.4	<p>An approved survival type emergency locator transmitter?</p> <p>SRRs: 121.339(a)(4)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to equip the airplane with a survival type emergency locator transmitter.</p> <p><i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(a)(4)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to equip the airplane with a survival type emergency locator transmitter that is readily accessible to the crew.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(4)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with a survival type emergency locator transmitter, that is readily accessible when located in the passenger compartment, to passengers.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(a)(4)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to clearly identify each survival type emergency locator transmitter.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(4)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to clearly mark each survival type emergency locator transmitter to indicate its method of operation.</p> <p><i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(a)(4)</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> <p><input type="checkbox"/> Not Applicable</p>

	<p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, if the survival type emergency locator transmitter is carried in a compartment or container, to mark the compartment or container as to contents. <i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(a); 121.339(a)(4) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>7. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, if the survival type emergency locator transmitter is carried in a compartment or container, the compartment or container, or the survival type emergency locator transmitter itself, is marked as to date of last inspection. <i>Sources:</i> 121.309(b)(4); 121.339(a)(4); 121.367 <i>Interfaces:</i> 1.1.1(AW)</p> <p>8. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required survival type emergency locator transmitter easily accessible in the event of a ditching without appreciable time for preparatory procedures. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, to have the required survival type emergency locator transmitter installed in a conspicuously marked, approved location. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(b) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	
<p>1.6.5</p>	<p>A survival kit, appropriately equipped for the route to be flown? SRRs: 121.339(c) <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to attach a survival kit, appropriately equipped for the route to be flown, to each required life raft. <i>Sources:</i> 121.135(a)(1); 121.339(a); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with a survival kit that is readily accessible to the crew. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable</p>

	<p>operations, to allow the personnel concerned to perform their duty and responsibility to equip the airplane with a survival kit that, when located in the passenger compartment, is readily accessible to the passengers. <i>Sources:</i> 121.135(a)(1); 121.309(b)(2); 121.339(a); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to clearly identify each survival kit. <i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility to clearly mark each survival kit to indicate its method of operation. <i>Sources:</i> 121.135(a)(1); 121.309(b)(3); 121.339(a); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary, when operating in extended over water operations, to allow the personnel concerned to perform their duty and responsibility, if the survival kit is carried in a compartment or container, to mark the compartment or container as to contents. <i>Sources:</i> 121.135(a)(1); 121.309(b)(4); 121.339(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP)</p> <p>7. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, if the survival kit is carried in a compartment or container the compartment or container, or the survival kit itself, is marked as to date of last inspection. <i>Sources:</i> 121.309(b)(4); 121.339(c); 121.367 <i>Interfaces:</i> 1.1.1(AW)</p>	
1.7.	<p>Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of life preservers or approved flotation means that is within easy reach of each seated occupant and easily removable from the airplane? SRRs: 121.340(a); 121.340(b)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.8.	<p>If the certificate holder operates its aircraft under VFR over routes that can be navigated by pilotage, does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the radio equipment necessary under normal operating conditions to fulfill the following:</p>	
1.8.1	<p>Communicate with at least one appropriate ground station from any point on the route? SRRs: 121.347(a)(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.8.2	<p>Communicate with appropriate traffic control facilities from any point within the lateral boundaries of the surface areas of Class B, Class C, Class D, or Class E airspace designated for an airport in which flights are intended? SRRs: 121.347(a)(2)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

1.8.3	<p>Receive meteorological information from any point en route by either of two independent systems? SRRs: 121.347(a)(3)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.9.	<p>If the certificate holder operates its aircraft under VFR over routes that cannot be navigated by pilotage, or for operations conducted under IFR or over-the-top, does the certificate holder's inspection program and program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the two independent radio systems required to receive navigational signals from all primary en route and approach navigational facilities intended to be used? SRRs: 121.349(a)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.10.	<p>If the certificate holder's aircraft are operated in extended overwater operations, does the certificate holder's inspection program, and program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the two long-range navigation systems required? SRRs: 121.351(a) <i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, when conducting an extended overwater operations and VOR or ADF radio navigation equipment is unusable along a portion of the route, the airplane is equipped with two long-range navigation systems. <i>Sources:</i> 121.351(a); 121.367 <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP) 2. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, when conducting a flag or supplemental operation or a domestic operation within the State of Alaska, the airplane is equipped with two long-range navigation systems. <i>Sources:</i> 121.351(b); 121.367 <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.11.	<p>If the certificate holder conducts flag or supplemental operations or conducts domestic operations within the States of Alaska or Hawaii over an uninhabited area or any other area that (in its operations specifications) the Administrator specifies required equipment for search and rescue in case of an emergency, does the certificate holder's inspection program and program covering other maintenance, preventive maintenance, and alterations ensure the airworthiness of the following equipment:</p>	
1.11.1	<p>Suitable pyrotechnic signaling devices? SRRs: 121.353(a) <i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag or supplemental operation or a domestic operation within the State of Hawaii, over an uninhabited area, to equip the airplane with a suitable pyrotechnic signaling device. <i>Sources:</i> 121.135(a)(1); 121.353(a) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	<p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag or supplemental operation or a domestic operation within the State of Alaska, over an uninhabited area, to equip the airplane with a suitable pyrotechnic signaling device.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(a)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag or supplemental operation or a domestic operation over any area that the Administrator specifies, in the Certificate Holders operations specifications, equipment needed for search and rescue in case of an emergency, to equip the airplane with a suitable pyrotechnic signaling device.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(a)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	
1.11.2	<p>An approved survival type emergency locator transmitter?</p> <p>SRRs: 121.353(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag or supplemental operation or a domestic operation within the State of Hawaii over an uninhabited area, to equip the airplane with an approved survival type emergency locator transmitter.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(b)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag or supplemental operation or a domestic operation within the State of Alaska, over an uninhabited area, to equip the airplane with an approved survival type emergency locator transmitter.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(b)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's inspection program and a program covering other maintenance, preventive maintenance, and alterations ensures that, when conducting a flag, supplemental or a domestic operation over any area that the Administrator specifies, in the Certificate Holders operations specifications, required equipment for search and rescue in case of an emergency, to equip the airplane with an approved survival type emergency locator transmitter.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(b)</p> <p><i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> <p><input type="checkbox"/> Not Applicable</p>
1.11.3	<p>Enough survival kits, appropriately equipped for the route to be flown for the number of occupants of the airplane?</p> <p>SRRs: 121.353(c)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> <p><input type="checkbox"/> Not Applicable</p>

	<p>information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag, supplemental or a domestic operation within the State of Hawaii over an uninhabited area, to have on the airplane enough survival kits, appropriately equipped for the route to be flown, for the number of occupants of the airplane.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag, supplemental or a domestic operation within the State of Alaska, over an uninhabited area, to have on the airplane enough survival kits, appropriately equipped for the route to be flown, for the number of occupants of the airplane.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform the duty and responsibility, when conducting a flag, supplemental or a domestic operation over any area that the Administrator specifies, in the Certificate Holders operations specifications, required equipment for search and rescue in case of an emergency, the airplane has enough survival kits, appropriately equipped for the route to be flown, for the number of occupants of the airplane.</p> <p><i>Sources:</i> 121.135(a)(1); 121.353(c) <i>Interfaces:</i> 1.1.1(AW); 3.1.2(OP); 3.1.3(OP)</p>	
<p>1.12.</p>	<p>Does the certificate holder's Appropriate Operational Equipment process comply with the Protective Breathing Equipment (PBE) requirements of 14 CFR part 121, section 121.337?</p> <p><i>SRRs:</i> 121.337(b); 121.337(b)(8); 121.337(b)(9)(i); 121.337(b)(9)(iii); 121.337(b)(9)(ii)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to provide protective breathing equipment (PBE), for smoke and fume protection, with a fixed or portable breathing gas supply that is conveniently located on the flight deck, and is easily accessible for immediate use by each required flight crewmember at his or her assigned duty station.</p> <p><i>Sources:</i> 121.135(a)(1); 121.337(b); 121.337(b)(8) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to provide one PBE, with a portable breathing gas supply for each hand fire extinguisher for use in a galley, other than a galley located in a passenger, cargo, or crew compartment, that is easily accessible and conveniently located for immediate use by crewmembers in combating fires.</p> <p><i>Sources:</i> 121.135(a)(1); 121.337(b); 121.337(b)(9)(i) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP)</p> <p>3. Check that the Certificate Holder's manual includes instructions and</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

	<p>information necessary to allow the personnel concerned to perform their duty and responsibility, to provide one PBE, with a portable breathing gas supply, that is easily accessible and conveniently located on the flight deck for immediate use by crewmembers in combating fires.</p> <p><i>Sources:</i> 121.135(a)(1); 121.337(b); 121.337(b)(9)(ii) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP)</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to provide one PBE, with a portable breathing gas supply that is easily accessible and located in each passenger compartment within 3 feet of each hand fire extinguisher for immediate use by crewmembers in combating fires.</p> <p><i>Sources:</i> 121.135(a)(1); 121.337(b); 121.337(b)(9)(iii) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP)</p>	
1.13.	<p>Does the certificate holder's system require that its passenger-carrying aircraft are equipped with appropriate passenger information cards?</p> <p>SRRs: 121.571(b)(1); 121.571(b)(2) <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to carry on each passenger-carrying airplane, in convenient locations for use of each passenger, printed cards supplementing the oral briefing and containing diagrams of, and methods of operating, the emergency exits, pertinent only to the type and model airplane used for that flight.</p> <p><i>Sources:</i> 121.135(a)(1); 121.571(b)(1); 121.571(b)(2) <i>Interfaces:</i> 3.1.2(OP); 3.1.6(OP)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to carry on each passenger-carrying airplane, in convenient locations for use of each passenger, printed cards supplementing the oral briefing and containing other instructions necessary for use of emergency equipment, pertinent only to the type and model airplane used for that flight.</p> <p><i>Sources:</i> 121.135(a)(1); 121.571(b)(2) <i>Interfaces:</i> 3.1.2(OP)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.14.	<p>Does the certificate holder's system require that its passenger-carrying aircraft are equipped with appropriate exit seating information cards?</p> <p>SRRs: 121.585(d) <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow the personnel concerned to perform their duty and responsibility, to provide passenger information cards, presented in the language in which briefings and oral commands are given by the crew, at each exit seat affected by this section, that includes information that a passenger occupying an exit seat may use if called upon.</p> <p><i>Sources:</i> 121.135(a)(1); 121.585(d) <i>Interfaces:</i> 3.1.2(OP); 3.1.6(OP)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

1.15.	<p>Does the certificate holder's Appropriate Operational Equipment process comply with the guidance contained in FAA Advisory Circular AC 121-24C?</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holders instructions and information regarding operations conducted under part 121 where flight attendants are not used, includes supplementing oral briefings with briefing cards, consistent with the airline's procedures, pertinent only to that type and model of aircraft. <i>Sources:</i> AC 121-24C Appendix 2 <i>Interfaces:</i> 3.1.3(OP) 2. Check that the Certificate Holders instructions and information regarding operations conducted under part 121 where flight attendants are not used, includes supplementing oral briefings with briefing cards, consistent with the airline's procedures, specific to that aircraft, when aircraft equipment is substantially different within the same model. <i>Sources:</i> AC 121-24C Appendix 2 <i>Interfaces:</i> 3.1.3(OP) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.16.	<p>Does the certificate holder's Appropriate Operational Equipment process comply with the guidance contained in FAA Advisory Circular AC 120-28D?</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holders instructions and information regarding category II or category III operations, ensures that the aircraft system status is placarded, in coordination with maintenance control, engineering, flight operations, and dispatch, or equivalent. <i>Sources:</i> AC 120-28D Paragraph 9.2 (11) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP); 3.2.1(OP) 2. Check that the Certificate Holders instructions and information regarding category II or category III operations, ensures that the aircraft system status is properly and clearly documented in the aircraft log book in coordination with maintenance control, engineering, flight operations, and dispatch, or equivalent. <i>Sources:</i> AC 120-28D Paragraph 9.2 (11) <i>Interfaces:</i> 1.1.1(AW); 3.1.3(OP); 3.2.1(OP) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.17.	<p>Does the certificate holder s inspection program and the program covering domestic Controller-Pilot Data Link Communications (CPDLC) operations ensure the aircraft are equipped with an FAA-certified collision avoidance system?</p> <p>SRRs: 121.367; A.056b(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.18.	<p>Does the certificate holder s inspection program and the program covering Parabolic Flight Operations ensure compliance with 14 CFR Section 121.803 for Emergency Medical Equipment?</p> <p>SRRs: 121.367; A.362c(7)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.19.	<p>Does the certificate holder s system provide for compliance with the provisions of the supplemental type certificate #SA5039SW D, as amended, for the Aeromedical Evacuation Ship Set (AESS) airplane configuration and any AFM limitations issued as a result of the change in configuration?</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	SRRs: A.522(a)	
1.20.	Does the certificate holder s inspection program and the program covering aeromedical evacuation (AE) operations maintenance ensure that passenger service units are positioned to ensure oxygen masks will drop to litter patients? SRRs: 121.367; A.522c(3)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.21.	Does the certificate holder s inspection program and the program covering aeromedical evacuation (AE) operations maintenance include the instructions and information necessary to allow personnel to ensure that: SRRs: 121.135(a)(1); 121.367	
1.21.1	Passenger service units causing obstructions or that are inaccessible to either litter or ambulatory patients, or medical personnel must be disabled? SRRs: A.522c(3)(a)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.21.2	The design of the AESS must extend the length of all oxygen hoses used for operational passenger service units to provide emergency oxygen for the bottom litter patients? SRRs: A.522c(3)(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.21.3	As part of the pre-takeoff briefing, passengers in the top litters are instructed to pass the unused oxygen hoses to the lower litter patients? SRRs: A.522c(3)(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.22.	Does the certificate holder s inspection program and the program covering aeromedical evacuation (AE) operations maintenance ensure have procedures in place to allow the carriage of USAF-supplied portable supplemental oxygen bottles? SRRs: A.522o	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.23.	Does the certificate holder s inspection program and the program covering area navigation systems used for IFR Class I Terminal and En Route Navigation: SRRs: B.034e(4)	
1.23.1	Permit the flight to navigate to the degree of accuracy or operational performance level required for ATC? SRRs: B.034e(4)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.23.2	Is approved for the particular area of operation as specified in paragraph B050 of the operations specifications; and certificated for IFR flight? SRRs: B.034e(4)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.24.	Does the certificate holder s inspection program and the program covering Extended Overwater Operations Using a Single Long-Range Communication System (SLRCS) ensure Single Long-Range Communication System the SLRCS units employs high frequency, satellite relay, datalink, or other approved communication systems which extend beyond line-of-sight? SRRs: B.045c(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.25.	Does the certificate holder s inspection program and the program covering navigation systems used for Class II Navigation using a Flight Navigator ensure a periscope sextant with mount is installed and operational for any Class II navigation operation using a flight navigator? SRRs: B.047a	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.26.	Does the certificate holder s inspection program and program covering navigation systems used for Class II Navigation using a Flight Navigator, ensure a periscope sextant with mount and at that at least one of the following additional navigation equipment combinations must be is installed and	

	operational: SRRs: B.047a	
1.26.1	An approved Inertial navigation system, or an approved Global Position Satellite Navigation System? SRRs: B.047a(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.26.2	An approved Loran "C" receiver and a reliable drift and ground speed indication from either an approved Doppler radar sensor, an approved Inertial navigation sensor, an approved Global Position Satellite Navigation System? SRRs: B.047a(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.26.3	An approved Loran "C" receiver and a reliable means, such as an approved radio altimeter, for obtaining pressure pattern and Bellamy drift information? SRRs: B.047a(3)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.27.	Does the certificate holder s inspection program and the program covering Category I, ILS, MLS, or GPS Landing System (GLS) Approach Procedures and IFR Landing minimums ensure aircraft are equipped with an approved approach coupler, flight director, or a head-up guidance system (HGS) which provides guidance to decision height? SRRs: C.074c(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.28.	Does the certificate holder's inspection program and its program covering other maintenance, preventive maintenance, and alterations ensure adequate supplemental oxygen is furnished: SRRs: 121.327(c)	
1.28.1	For flights of more than 30 minutes duration at cabin pressure altitudes above 8,000 feet up to and including 14,000 feet, enough oxygen for 30 minutes for 10 percent of the passengers? SRRs: 121.327(c)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.28.2	For flights at cabin pressure altitudes above 14,000 feet up to and including 15,000 feet, enough oxygen for that part of the flight at those altitudes for 30 percent of the passengers? SRRs: 121.327(c)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.28.3	For flights at cabin pressure altitudes above 15,000 feet, enough oxygen for each passenger carried during the entire flight at those altitudes? SRRs: 121.327(c)(3)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.29.	Does the certificate holder s inspection program and the program covering IFR Navigation Using GPS/WAAS RNAV Systems ensure two independent TSO C145a/C146a navigation receivers that meet TSO-C145a equipment class 1, 2, or 3, and/or TSO-C146a equipment class 1, 2, 3, or 4 are installed and operational for IFR operations? SRRs: B.030d.(4)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.30.	Does the certificate holder s inspection program and the program covering North Polar Operations ensure airplanes are equipped with a minimum of two cold weather anti-exposure suits? SRRs: B.055c(5)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.31.	Does the certificate holder s inspection program and the program covering North Polar Operations ensure airplanes are equipped with an expanded medical kit to include automated external defibrillators (AED)? SRRs: B.055c(6)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

1.32.	Does the certificate holder s manual contain the required references to, or excerpts from the Operations specifications paragraph listed in the Supplemental Information section of this safety attribute inspection (SAI)? SRRs: 119.43(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.33.	If the certificate holder s manual includes excerpts from its operations specifications, are the excerpts clearly identified as part of the operations specifications? SRRs: 119.43(b)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.34.	Does the certificate holder s manual require compliance with operations specifications listed in the Supplemental Information section of this safety attribute inspection (SAI)? SRRs: 119.43(b)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.35.	Does the certificate holder s manual contain a method for keeping all persons engaged in its operations informed of the provisions of the operations specifications listed in the Supplemental Information section of this safety attribute inspection (SAI)? SRRs: 119.43(c)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.	Does the certificate holder's manual contain general policies for the Appropriate Operational Equipment process that comply with the SRRs? SRRs: 121.135(b)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.	Does the certificate holder's manual reference the appropriate Federal Aviation Regulations listed in the Supplemental Information section of this safety attribute inspection (SAI)? SRRs: 121.135(b)(3)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	Does the certificate holder's manual contain the duties and responsibilities for personnel who will accomplish the Appropriate Operational Equipment process? SRRs: 121.135(b)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Does the certificate holder's manual include instructions and information for personnel to meet the requirements of the Appropriate Operational Equipment process? SRRs: 121.135(a)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

SAI Section 1 - Procedures Attribute Drop-Down Menu	
1.	No procedures, policy, instructions or information specified.
2.	Procedures or instructions and information do not identify (who, what, when, where, how).
3.	Procedures, policy or instructions and information do not comply with CFR.
4.	Procedures, policy or instructions and information do not comply with FAA policy and guidance.
5.	Procedures, policy or instructions and information do not comply with other documentation (e.g., manufacturer's data, Jeppesen's Charts, etc.).
6.	Procedures, policy or instructions and information unclear or incomplete.
7.	Documentation quality (e.g., unreadable or illegible).
8.	Procedures, policy or instructions and information inconsistent across Certificate Holder manuals (FOM - Flight Operations Manual to GMM - General Maintenance Manual, etc.).
9.	Procedures, policy or instructions and information inconsistent across media (e.g., paper, microfiche, electronic).
10.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
11.	Other.

SAI Section 2 - Controls Attribute

Objective: Controls are checks and restraints designed into a process to ensure a desired result. The questions in this section of the DCT are designed to assist the inspector in determining if checks and restraints are designed into the process to ensure the desired result is achieved. Controls should be written into the system to ensure that the most important policies, procedures, or instructions and information will be followed.

Controls may be in the form of administrative controls, which are secondary or supplemental written procedures. Like written procedures, administrative controls also need to provide answers to questions regarding who, what, when, where, and how. Controls may also be in the form of engineered controls, such as automated features or mechanical actions or devices (i.e., safety devices, warning devices, etc.).

Tasks

To meet this objective, the inspector must accomplish the following tasks:

1. Review the control questions below.
2. Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the controls that it has documented.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Are the following controls built into the Appropriate Operational Equipment process:	
1.1.	Is there a control or controls in place to ensure that the certificate holder's aircraft have the specified required operational equipment for the intended route?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.2.	Is there a control or controls in place to ensure that the certificate holder's aircraft contain appropriately maintained and specified operational equipment in a readily accessible location to the crew?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.	Is there a control or controls in place to ensure that the certificate holder's aircraft contain appropriately maintained and specified operational equipment in a readily accessible location to the passengers when they are aboard the aircraft?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.4.	Is there a control or controls in place to ensure when the certificate holder operates its aircraft in extended over water operations that the required equipment is on board the aircraft and in airworthy condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.	Does the certificate holder have a documented method for assessing the impact of any changes made to the controls in the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

SAI Section 2 - Controls Attribute Drop-Down Menu	
1.	No controls specified.
2.	Documentation for the controls do not identify (who, what, when, where, how).
3.	Controls incomplete.
4.	Controls could be circumvented.
5.	Controls could be unenforceable.
6.	Resource requirements incomplete (personnel, facilities, equipment, technical data).
7.	Other.

SAI Section 3 - Process Measurement Attribute

Objective: Process measurements are used by the certificate holder to measure and to assess its processes, to identify and to correct problems or potential problems, and to make improvements to the processes. The questions in this section of the DCT are designed to assist the inspector in determining if the certificate holder measures or assesses information to identify, analyze, and document potential problems with the process. Process measurements are a certificate holder's internal evaluation or auditing of the most important policies, procedures or instructions, and information associated with an element.

To prevent the duplication of work, process measurements are most commonly addressed through a combination of auditing features contained in both the certificate holder's safety program/internal evaluation program (for operations and cabin safety-related issues), and the auditing function of the Continuous Analysis and Surveillance System (for airworthiness or maintenance/inspection-related issues). The director of safety and the quality assurance department often work together to accomplish this function for the certificate holder. This approach requires amendment of the safety program/internal evaluation program audit forms or checklists, and the Continuous Analysis and Surveillance System audit forms or checklists to include the specific process measurements for each element.

Tasks

	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the process measurement questions below.
2.	Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the process measurements that it has documented.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder's Appropriate Operational Equipment process include the following process measurements:	
1.1.	Is there a process measurement or process measurements that would identify if the certificate holder's aircraft were not appropriately equipped with the specified required operational equipment for the intended route?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.2.	Is there a process measurement or process measurements that would identify if the certificate holder's aircraft were not appropriately maintained and specified operational equipment was not in a readily accessible location to the crew?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.3.	Is there a process measurement or process measurements that would identify if the certificate holder's aircraft were not appropriately maintained and specified operational equipment was not in a readily accessible location to the passengers when they are aboard the aircraft?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
1.4.	Is there a process measurement or process measurements that would identify if the certificate holder operated its aircraft in extended overwater operations in which the required equipment on board the aircraft was not maintained in an airworthy condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable
2.	Is there a process measurement or process measurements that would reveal if the certificate holder's policy, procedures, instructions, and information were not followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.	Does the certificate holder document its process measurement results?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

4.	Does the certificate holder use its process measurement results to improve its programs?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Does the organization that conducts the process measurements have direct access to the person with responsibility for the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

SAI Section 3 - Process Measurement Attribute Drop-Down Menu
1. No process measurements specified.
2. Documentation for the process measurements does not identify (who, what, when, where, how).
3. Inability to identify negative findings.
4. No provisions for implementing corrective actions.
5. Ineffective follow-up to determine effectiveness of corrective actions.
6. Resources requirements (personnel, facilities, equipment, technical data).
7. Other.

SAI Section 4 - Interfaces Attribute

Objective: Interfaces are used by the certificate holder to identify and manage the interactions between processes. The questions in this section of the DCT are designed to assist the inspector in determining whether or not interactions between the policies, procedures, or instructions and information associated with other independent processes within the certificate holder's organization are documented. Written policies, procedures, or instructions and information that are interrelated and located in different areas within the certificate holder's system must be consistent and complement each other. For the interfaces to be effectively managed, the certificate holder's system should identify and document the interfaces.

Tasks

	To meet this objective, the inspector must accomplish the following tasks:	
1.	Review the interfaces associated with the Appropriate Operational Equipment process that have been identified along with the individual questions in section 1, Procedures, of this DCT.	
2.	Review the certificate holder's policies, procedures, instructions, and information to gain an understanding of the interfaces that it has documented.	

Questions

	To meet this objective, the inspector must answer the following questions: Note: The design job task items (JTIs) displayed with the questions in section 1, Procedures, of this DCT identify potential interfaces (by element number) for this element.	
1.	Does the certificate holder's system properly address the interfaces that are identified along with the questions in section 1, Procedures of this DCT?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.	Does the certificate holder document a method for assessing the impact of any changes to the associated interfaces within the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

SAI Section 4 - Interfaces Attribute Drop-Down Menu	
1.	No interfaces specified.
2.	The following interfaces not identified within the Certificate Holder's manual system:
3.	Interfaces listed are inaccurate.
4.	Specific location of interfaces not identified within the manual system.
5.	Other

SAI Section 5 - Management Responsibility & Authority Attributes

Objective: The questions in this section of the DCT 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:
1.	Identify the person who has overall responsibility for the Appropriate Operational Equipment process.
2.	Identify the person who has overall authority for the Appropriate Operational Equipment process.
3.	Review the duties and responsibilities of the person(s), documented in the certificate holder's manual.
4.	Review the appropriate organizational chart.

Questions

	To meet this objective, the inspector must answer the following questions:	
1.	Does the certificate holder clearly identify who is responsible for the quality of the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
2.	Does the certificate holder clearly identify who has authority to establish and modify the policies, procedures, instructions, and information for the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title:
3.	Does the certificate holder's manual include the duties and responsibilities of those who manage the work required by the Appropriate Operational Equipment process? SRRs: 121.135(b)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4.	Does the certificate holder's manual include instructions and information for those who manage the work required by the Appropriate Operational Equipment process? SRRs: 121.135(a)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.	Does the certificate holder clearly and completely document the responsibility for this position?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
6.	Does the certificate holder clearly and completely document the authority for this position?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
7.	Does the certificate holder clearly and completely document its qualification standards for the person having responsibility for the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
8.	Does the certificate holder clearly and completely document its qualification standards for the person having authority to establish and modify the certificate holder's policies, procedures, instructions, and information for the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

9.	Does the certificate holder clearly and completely document the procedures for delegation of authority for the Appropriate Operational Equipment process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
----	---	--

SAI Section 5 - Management Responsibility & Authority Attributes Drop-Down Menu
1. Not documented.
2. Documentation unclear.
3. Documentation incomplete.
4. Other.