

**Safety Attribute Inspection (SAI) Data Collection Tool
1.2.5 Mechanical Reliability Reports (MRR) (AW)**

ELEMENT SUMMARY INFORMATION

Purpose of This Element (Certificate Holder's responsibility):

- To ensure that the occurrence or detection of each failure, malfunction or defect is reported in accordance with the requirements of 14 CFR Section 121.703 and the Certificate Holder's manual.

Objective (FAA oversight responsibility):

- To determine if the Certificate Holder's Mechanical Reliability Reports process meets all applicable requirements of the Federal Aviation Regulations and FAA policies.
- To determine if the Certificate Holder's Mechanical Reliability Reports process incorporates the System Safety Attributes.
- To identify any shortfalls in the Certificate Holder's Mechanical Reliability Reports process.

Specific Instructions:

- Intentionally left blank

SUPPLEMENTAL INFORMATION

Specific Regulatory Requirements (SRRs):

- SRRs:
 - 121.135(a)(1)
 - 121.135(b)(1)
 - 121.135(b)(2)
 - 121.135(b)(3)
 - 121.703(a)
 - 121.703(a)(1)
 - 121.703(a)(10)
 - 121.703(a)(11)
 - 121.703(a)(12)
 - 121.703(a)(13)
 - 121.703(a)(14)
 - 121.703(a)(15)
 - 121.703(a)(17)
 - 121.703(a)(2)
 - 121.703(a)(3)

- 121.703(a)(4)
- 121.703(a)(5)
- 121.703(a)(6)
- 121.703(a)(7)
- 121.703(a)(8)
- 121.703(a)(9)
- 121.703(b)
- 121.703(c)
- 121.703(d)
- 121.703(e)
- 121.703(e)(1)
- 121.703(e)(10)
- 121.703(e)(2)
- 121.703(e)(3)
- 121.703(e)(4)
- 121.703(e)(5)
- 121.703(e)(6)
- 121.703(e)(7)
- 121.703(e)(8)
- 121.703(e)(9)
- 121.703(f)
- 121.703(g)
- 121.703(h)

Related CFRs & FAA Policy/Guidance:

- Related CFRs:
Intentionally left blank

- FAA Policy/Guidance:
Intentionally Left Blank.

SAI SECTION 1 – PROCEDURES ATTRIBUTE

Objective: Procedures, instructions, and information contained in the certificate holder's manual are documented methods for accomplishing a process. Policies contained in the certificate holder's manual should establish the certificate holder's compliance posture. Policies may not be stand-alone statements but 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's manual 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 data collection tool.
2. Review the duties and responsibilities for management and other personnel identified by the Certificate Holder who accomplish the Mechanical Reliability Reports process.
3. Review the Certificate Holder's manual to ensure that it contains policies, procedures, instructions and information necessary for the Mechanical Reliability Reports process.

Questions

To meet this objective, the inspector must answer the following questions:

1. Does the Certificate Holder's manual content meet the specific regulatory and FAA policy requirements for a Mechanical Reliability Reports process:

<p>1.1 Does the Certificate Holder's manual contain general policies for the Mechanical Reliability Reports process that comply with the specific regulatory requirements? SRRs: 121.135(b)(1); 121.703(c); 121.703(d); 121.703(g); 121.703(h); 121.703(a); 121.703(e)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual contains a general policy to report the occurrence or detection of each failure, malfunction, or defect as required by 14 CFR 121.703. <p><i>Sources:</i> 121.135(b)(1); 121.703(a)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.2 Does the Certificate Holder's manual cite the regulatory requirements listed in the Supplemental Information section of this SAI? SRRs: 121.135(b)(3)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.3 Does the Certificate Holder's manual contain the duties and responsibilities for personnel who will accomplish the Mechanical Reliability Reports process? SRRs: 121.135(b)(2)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.4 Does the Certificate Holder's manual include instructions and information for personnel to meet the requirements of the Mechanical Reliability Reports process? SRRs: 121.135(a)(1)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.5 Does the Certificate Holder's manual include instructions and information for reporting the</p>	

<p>occurrence or detection of each failure, malfunction, or defect concerning: SRRs: 121.703(a)</p>	
<p>1.5.1 Fires during flight and whether the related fire-warning system functioned properly? SRRs: 121.703(a)(1); 121.703(b)</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 personal concerned to perform the duty and responsibility to report the detection of each defect concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 5. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw 6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw 8. 	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning that the related fire-warning system functioned properly. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning fires during flight. <i>Sources:</i> 121.703(a)(1); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.2 Fires during flight not protected by a related fire-warning system? SRRs: 121.703(a)(2); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning fires during flight not protected by related fire-warning</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p>system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning fires during flight not protected by related fire–warning system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning fires during flight not protected by related fire–warning system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning fires during flight not protected by related fire–warning system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning fires during flight not protected by related fire–warning system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning fires during flight not protected by related fire–warning system. <i>Sources:</i> 121.703(a)(2); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p>	
<p>1.5.3 False fire warning during flight? SRRs: 121.703(a)(3); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4–aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>duty and responsibility to report the occurrence of each failure, concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning false fire warning during flight. <i>Sources:</i> 121.703(a)(3); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.4 An engine exhaust system that causes damage during flight to the engine, adjacent structure, equipment, or components? SRRs: 121.703(a)(4); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an exhaust</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

- system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw
3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an exhaust system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw
4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an exhaust system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw
5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning an exhaust system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw
6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning an exhaust system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw
7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an exhaust system that caused damage during flight to: -- the engine, -- adjacent structure, -- equipment, or components.
Sources: 121.703(a)(4); 121.135(a)(1)
Interfaces: 1.2.4-aw

1.5.5 An aircraft component that causes accumulation or circulation of smoke, vapor, or toxic or noxious fumes in the crew compartment or passenger cabin during flight?
SRRs: 121.703(a)(5); 121.703(b)

Related Design JTIs:

1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft

Yes

No, Explain

component that causes accumulation of noxious fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
8. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence or of each malfunction, concerning an aircraft component that causes circulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of smoke in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of vapor, in the passenger cabin during flight.
Sources: 121.135(a)(1); 121.703(a)(5)
Interfaces: 1.2.4–aw
11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of vapor in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of vapor, in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
14. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
15. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
16. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
17. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
18. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw

19. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
20. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
21. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
22. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of vapor, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
23. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning an aircraft component that causes circulation of vapor, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
24. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of vapor in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
25. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal

concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

26. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
27. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
28. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
29. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
30. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of noxious fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
31. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it

touches down on landing.

Sources: 121.135(a)(1); 121.703(b)

Interfaces: 1.2.4–aw

32. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
33. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
34. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence or of each defect concerning an aircraft component that causes accumulation of smoke in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
35. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
36. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
37. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

38. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

39. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

40. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

41. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

42. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

43. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

- 44.

Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of smoke, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

45. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
46. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
47. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
48. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
49. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
50. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal

concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

51. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of toxic fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
52. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of toxic fumes or in the crew compartment during flight.
Sources: 121.135(a)(1); 121.703(a)(5)
Interfaces: 1.2.4-aw
53. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
54. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
55. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
56. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft

component that causes circulation of smoke, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

57. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence or of each malfunction, concerning an aircraft component that causes circulation of smoke, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

58. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of smoke in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

59. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

60. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

61. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

62. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

63. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

64. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

65. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

66. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

67. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

68. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of smoke, in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

69. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
70. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of smoke, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
71. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
72. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
73. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of vapor, in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
74. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
75. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal

concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

76. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of toxic fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
77. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
78. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
79. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes circulation of noxious fumes in the crew compartment during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
80. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of smoke, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4-aw
81. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft

component that causes accumulation of smoke, in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4–aw

82. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence or of each defect concerning an aircraft component that causes accumulation of smoke in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
83. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
84. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
85. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
86. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.
Sources: 121.703(a)(5); 121.135(a)(1)
Interfaces: 1.2.4–aw
87. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

88. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of toxic fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

89. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning an aircraft component that causes accumulation of noxious fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

90. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an aircraft component that causes accumulation of noxious fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

91. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an aircraft component that causes accumulation of noxious fumes in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

92. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of smoke, in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

93. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of smoke, in the passenger cabin during flight.

Sources: 121.703(a)(5); 121.135(a)(1)

Interfaces: 1.2.4-aw

<p>94. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of smoke, in the passenger cabin during flight. <i>Sources:</i> 121.703(a)(5); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>95. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight. <i>Sources:</i> 121.703(a)(5); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>96. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight. <i>Sources:</i> 121.703(a)(5); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>97. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an aircraft component that causes accumulation of vapor, in the passenger cabin during flight. <i>Sources:</i> 121.703(a)(5); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.6 Engine shutdown during flight because of flameout? SRRs: 121.703(a)(6); 121.703(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 personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p>duty and responsibility to report the occurrence of each defect concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning engine shutdown during flight because of flameout. <i>Sources:</i> 121.703(a)(6); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>7. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.7 Engine shutdown during flight when external damage to the engine or airplane structure occurs? SRRs: 121.703(a)(7); 121.703(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 personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning engine shutdown during flight when external damage to the engine occurs. <i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning engine shutdown during flight when external damage to the engine occurs. <i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

concerning engine shutdown during flight when external damage to the engine occurs.

Sources: 121.703(a)(7); 121.135(a)(1)

Interfaces: 1.2.4-aw

4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning engine shutdown during flight when external damage to the engine occurs.
Sources: 121.703(a)(7); 121.135(a)(1)
Interfaces: 1.2.4-aw
5. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing.
Sources: 121.135(a)(1); 121.703(b)
Interfaces: 1.2.4-aw
6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning engine shutdown during flight when external damage to the engine occurs.
Sources: 121.703(a)(7); 121.135(a)(1)
Interfaces: 1.2.4-aw
7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning engine shutdown during flight when external damage to the engine occurs.
Sources: 121.703(a)(7); 121.135(a)(1)
Interfaces: 1.2.4-aw
8. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning engine shutdown during flight when external damage to the airplane structure occurs.
Sources: 121.703(a)(7); 121.135(a)(1)
Interfaces: 1.2.4-aw
9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning engine shutdown during flight when external damage to the airplane structure occurs.
Sources: 121.703(a)(7); 121.135(a)(1)
Interfaces: 1.2.4-aw
10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning engine shutdown during flight when external damage to the airplane structure occurs.

<p><i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning engine shutdown during flight when external damage to the airplane structure occurs. <i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning engine shutdown during flight when external damage to the airplane structure occurs. <i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning engine shutdown during flight when external damage to the airplane structure occurs. <i>Sources:</i> 121.703(a)(7); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.8 Engine shutdown during flight due to foreign object ingestion or icing? SRRs: 121.703(a)(8); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure, concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p>concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure, concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning engine shutdown during flight due to: -- foreign object ingestion or -- icing <i>Sources:</i> 121.703(a)(8); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw; 3.1.7-op</p>	
<p>1.5.9 Engine shutdown during flight of more than one engine? SRRs: 121.703(a)(9); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning engine shutdown during flight of more than one engine. <i>Sources:</i> 121.703(a)(9); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.10A propeller feathering system or ability of the system to control overspeed during flight? SRRs: 121.703(a)(10); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning a propeller feathering system. <i>Sources:</i> 121.703(a)(10); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning a propeller feathering system. <i>Sources:</i> 121.703(a)(10); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning a propeller feathering system. <i>Sources:</i> 121.703(a)(10); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning a propeller feathering system.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning a propeller feathering system.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a propeller feathering system.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
8. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning the ability of a propeller feathering system to control overspeed during flight.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning the ability of a propeller feathering system to control overspeed during flight.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning the ability of a propeller feathering system to control overspeed during flight.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning the ability of a propeller feathering system to control overspeed during flight.
Sources: 121.703(a)(10); 121.135(a)(1)
Interfaces: 1.2.4-aw
12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning the ability of a propeller feathering system

<p>to control overspeed during flight. <i>Sources:</i> 121.703(a)(10); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p> <p>13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning the ability of a propeller feathering system to control overspeed during flight. <i>Sources:</i> 121.703(a)(10); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p>	
<p>1.5.11A fuel or fuel–dumping system that affects fuel flow or causes hazardous leakage during flight? SRRs: 121.703(a)(11); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4–aw 2. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth on takeoff until it touches down on landing. <i>Sources:</i> 121.135(a)(1); 121.703(b) <i>Interfaces:</i> 1.2.4–aw 3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning a fuel system that affects fuel flow during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw 4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning a fuel system that affects fuel flow during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw 5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning a fuel system that affects fuel flow during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw 6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning a fuel system that affects fuel flow during flight. 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning a fuel system that affects fuel flow during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

8. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a fuel system that affects fuel flow during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning a fuel system that causes hazardous leakage during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning a fuel system that causes hazardous leakage during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a fuel system that causes hazardous leakage during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning a fuel system that causes hazardous leakage during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction concerning a fuel system that causes hazardous leakage during flight.

Sources: 121.703(a)(11); 121.135(a)(1)

Interfaces: 1.2.4-aw

14. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a fuel system that causes hazardous leakage during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
15. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
16. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
17. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
18. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
19. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
20. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a fuel-dumping system that affects fuel flow during flight.
Sources: 121.703(a)(11); 121.135(a)(1)
Interfaces: 1.2.4-aw
- 21.

<p>Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>22. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>23. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>24. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>25. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>26. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning a fuel-dumping system that causes hazardous leakage during flight. <i>Sources:</i> 121.703(a)(11); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.12 An unwanted landing gear extension or retraction, or an unwanted opening or closing of landing gear doors during flight? SRRs: 121.703(a)(12); 121.703(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that for the purpose of 14 CFR 121.703, "during flight" means the period from the moment the aircraft leaves the surface of the earth</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

on takeoff until it touches down on landing.

Sources: 121.135(a)(1); 121.703(b)

Interfaces: 1.2.4–aw

2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
7. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an unwanted landing gear extension or retraction during flight.
Sources: 121.703(a)(12); 121.135(a)(1)
Interfaces: 1.2.4–aw
8. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning an unwanted opening or closing of landing gear doors during flight.

<p><i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>9. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning an unwanted opening or closing of landing gear doors during flight. <i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>10. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning an unwanted opening or closing of landing gear doors during flight. <i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>11. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning an unwanted opening or closing of landing gear doors during flight. <i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>12. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning an unwanted opening or closing of landing gear doors during flight. <i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>13. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning an unwanted opening or closing of landing gear doors during flight. <i>Sources:</i> 121.703(a)(12); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.13 Brake system components that result in loss of brake actuating force when the airplane is in motion on the ground? SRRs: 121.703(a)(13)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground. <i>Sources:</i> 121.703(a)(13); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.14 Aircraft components or systems that result in taking emergency actions during flight (except action to shut down an engine)? SRRs: 121.703(a)(14)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

<p><i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning aircraft structure that requires major repair. <i>Sources:</i> 121.703(a)(14); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.15 Cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA? <i>SRRs:</i> 121.703(a)(15)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA. <i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA.</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p>

<p><i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA. <i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA. <i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA. <i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p> <p>6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning cracks, permanent deformation, or corrosion of aircraft structures, if more than the maximum acceptable to the manufacturer or the FAA. <i>Sources:</i> 121.703(a)(15); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.5.16 Emergency evacuation systems or components, including all exit doors, passenger emergency evacuation lighting systems, or evacuation equipment, that are found defective, or that fail to perform the intended functions during an actual emergency or during training, testing, maintenance, demonstrations, or inadvertent deployments? SRRs: 121.703(a)(17)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each failure concerning emergency evacuation systems or components that fail to perform the intended functions during: -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments. <i>Sources:</i> 121.703(a)(17); 121.135(a)(1)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

Interfaces: 1.2.4–aw

2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each malfunction, concerning emergency evacuation systems or components that are found defective -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments.

Sources: 121.703(a)(17); 121.135(a)(1)

Interfaces: 1.2.4–aw

3. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrence of each defect concerning emergency evacuation systems or components that fail to perform the intended functions during: -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments.

Sources: 121.703(a)(17); 121.135(a)(1)

Interfaces: 1.2.4–aw

4. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each failure concerning emergency evacuation systems or components that are found defective -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments.

Sources: 121.703(a)(17); 121.135(a)(1)

Interfaces: 1.2.4–aw

5. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each malfunction, concerning emergency evacuation systems or components that are found defective, -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments.

Sources: 121.703(a)(17); 121.135(a)(1)

Interfaces: 1.2.4–aw

6. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the detection of each defect concerning emergency evacuation systems or components that fail to perform the intended functions during: -- an actual emergency, -- during training, -- testing, -- maintenance, -- demonstrations, or -- inadvertent deployments.

Sources: 121.703(a)(17); 121.135(a)(1)

Interfaces: 1.2.4–aw

7. Check that the Certificate Holder's manual contains instructions for the purpose of the reporting requirement of 14 CFR 121.703(a)(17), emergency evacuation systems or components include all exit doors, passenger emergency evacuation lighting systems, or

<p>evacuation equipment. <i>Sources:</i> 121.703(a)(17) <i>Interfaces:</i> 1.2.4–aw</p>	
<p>1.6 Does the Certificate Holder's manual specify that it will report any failure, malfunction, or defect in an aircraft in addition to those identified in 14 CFR Section 121.703(a) that occurs or is detected at any time if, in the Certificate Holder's opinion, that failure, malfunction, or defect has endangered or may endanger the safe operation of an aircraft used by it? <i>SRRs:</i> 121.135(a)(1); 121.703(c)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.7 Does the Certificate Holder's manual specify that the Certificate Holder will send each report required by 14 CFR Section 121.703, in writing, covering each 24–hour period beginning at 0900 local time of each day and ending at 0900 local time on the next day, to the certificate holding district office? <i>SRRs:</i> 121.703(d)</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 personal concerned to perform the duty and responsibility to send each report required by 14 CFR 121.703, in writing, to the certificate–holding district office. <i>Sources:</i> 121.703(d); 121.135(a)(1) 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to send each report required by this section, covering each 24–hour period beginning at 0900 local time of each day and ending at 0900 local time on the next day. <i>Sources:</i> 121.703(d); 121.135(a)(1) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.8 Does the Certificate Holder's manual specify that each report of occurrences required by 14 CFR Section 121.703 during a 24–hour period must be mailed or delivered to the certificate holding district office within the next 72 hours? <i>SRRs:</i> 121.703(d)</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 personal concerned to perform the duty and responsibility to report the occurrences during a 24–hour period that must be mailed or delivered to the certificate–holding district office within the next 72 hours. <i>Sources:</i> 121.703(d); 121.135(a)(1) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>1.9 Does the Certificate Holder's manual specify that a report that is due on Saturday or Sunday may be mailed or delivered on the following Monday, and one that is due on a holiday may be mailed or delivered on the next work day? SRRs: 121.703(d)</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 personal concerned to perform the duty and responsibility to report the occurrences that is due on Saturday or Sunday, that may be mailed or delivered to the certificate–holding district office on the following Monday. <i>Sources:</i> 121.703(d); 121.135(a)(1) 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to report the occurrences that is due on holiday, that may be mailed or delivered to the certificate–holding district office on the next workday. <i>Sources:</i> 121.703(d); 121.135(a)(1) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10 Does the Certificate Holder's manual specify that the Certificate Holder will transmit the reports required by 14 Section CFR 121.703 in a manner and on a form that is convenient to its system of communication and procedure, to include in the first daily report as much of the following as is available: SRRs: 121.703(e)</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 personal concerned to perform the duty and responsibility to transmit the reports required by 14 CFR 121.703 in a manner and on a form that is convenient to its system of communication. <i>Sources:</i> 121.135(a)(1); 121.703(e) 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, ta keoff, climb, cruise, decent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency decent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9) 	

<p>1.10.1 Type and identification number of the aircraft? SRRs: 121.703(e)(1)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10.2 The name of the operator? SRRs: 121.703(e)(2)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5);</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p style="text-align: center;">121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p> <p>1.10.3 The date, flight number, and stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection)? SRRs: 121.703(e)(3)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action</p> <p><i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10.4 The emergency procedure affected (e.g., unscheduled landing and emergency descent)? SRRs: 121.703(e)(4)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification,</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	
<p>1.10.5 The nature of the failure, malfunction, or defect? SRRs: 121.703(e)(5)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10.6 Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul? SRRs: 121.703(e)(6)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	
<p>1.10.7 Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error)? SRRs: 121.703(e)(7)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, ta keoff, climb, cruise, decent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency decent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10.8 Whether the part was repaired, replaced, sent to the manufacturer, or other action taken? SRRs: 121.703(e)(8)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, ta keoff, climb, cruise, decent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency decent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	
<p>1.10.9 Whether the aircraft was grounded? SRRs: 121.703(e)(9)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility to include in the first daily report required by this section as much of the following as is available: --Type of the aircraft -- Identification number of the aircraft -- The name of the operator -- The date which the incident occurred -- The flight number which the incident occurred -- The stage during which the incident occurred (e.g., preflight, takeoff, climb, cruise, descent, landing, and inspection). -- The emergency procedure effected (e.g., unscheduled landing and emergency descent). -- The nature of the failure, malfunction, or defect -- Identification of the part and system involved, including available information pertaining to type designation of the major component and time since overhaul. -- Apparent cause of the failure, malfunction, or defect (e.g., wear, crack, design deficiency, or personnel error). -- Whether the part was repaired, replaced, sent to the manufacturer, or other action taken. -- Whether the aircraft was grounded -- Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action <i>Sources:</i> 121.703(e)(1); 121.703(e)(10); 121.135(a)(1); 121.703(e)(2); 121.703(e)(3); 121.703(e)(4); 121.703(e)(5); 121.703(e)(6); 121.703(e)(7); 121.703(e)(8); 121.703(e)(9)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.10.10 Other pertinent information necessary for more complete identification, determination of seriousness, or corrective action? SRRs: 121.703(e)(10)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.11 Does the Certificate Holder's manual specify that if it holds any of the following, it needs not to report a failure, malfunction or defect under 14 CFR Section 121.703 if it has reported the failure, malfunction or defect under 14 CFR Section 21.3 or under the accident reporting provisions of 49 CFR Part 830? SRRs: 121.703(f)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information that if the Certificate Holder is also the holder of the following, they need not report a failure, malfunction, or defect under 14 CFR 121.705 if the failure, malfunction, or defect has been reported by them under 14 CFR 21.3 or under the accident reporting provisions of 14 CFR Part 830</p>	

<p>-- A Type Certificate -- A Supplemental Type Certificate -- A Parts Manufacturer Approval -- A Technical Standard Order Authorization -- The licensee of a type Certificate Holder <i>Sources:</i> 121.703(f); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	
<p>1.11.1A Type Certificate (including a Supplemental Type Certificate)? SRRs: 121.703(f) <i>Related Design JTIs:</i> 1. Check that the Certificate Holder's manual contains information that if the Certificate Holder is also the holder of the following, they need not report a failure, malfunction, or defect under 14 CFR 121.705 if the failure, malfunction, or defect has been reported by them under 14 CFR 21.3 or under the accident reporting provisions of 14 CFR Part 830 -- A Type Certificate -- A Supplemental Type Certificate -- A Parts Manufacturer Approval -- A Technical Standard Order Authorization -- The licensee of a type Certificate Holder <i>Sources:</i> 121.703(f); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.11.2A Parts Manufacturer Approval? SRRs: 121.703(f) <i>Related Design JTIs:</i> 1. Check that the Certificate Holder's manual contains information that if the Certificate Holder is also the holder of the following, they need not report a failure, malfunction, or defect under 14 CFR 121.705 if the failure, malfunction, or defect has been reported by them under 14 CFR 21.3 or under the accident reporting provisions of 14 CFR Part 830 -- A Type Certificate -- A Supplemental Type Certificate -- A Parts Manufacturer Approval -- A Technical Standard Order Authorization -- The licensee of a type Certificate Holder <i>Sources:</i> 121.703(f); 121.135(a)(1) <i>Interfaces:</i> 1.2.4-aw</p>	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.11.3A Technical Standard Order Authorization? SRRs: 121.703(f) <i>Related Design JTIs:</i> 1. Check that the Certificate Holder's manual contains information that if the Certificate Holder is also the holder of the following, they need not report a failure, malfunction, or defect under 14 CFR 121.705 if the failure, malfunction, or defect has been reported by them under 14 CFR 21.3 or under the accident reporting provisions of 14 CFR Part 830 -- A Type Certificate -- A Supplemental Type Certificate -- A Parts Manufacturer Approval -- A Technical Standard Order Authorization -- The licensee of a type</p>	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>Certificate Holder <i>Sources:</i> 121.703(f); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw</p>	
<p>1.11.4A license of a Type Certificate Holder? SRRs: 121.703(f)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> 1. Check that the Certificate Holder's manual contains information that if the Certificate Holder is also the holder of the following, they need not report a failure, malfunction, or defect under 14 CFR 121.705 if the failure, malfunction, or defect has been reported by them under 14 CFR 21.3 or under the accident reporting provisions of 14 CFR Part 830 -- A Type Certificate -- A Supplemental Type Certificate -- A Parts Manufacturer Approval -- A Technical Standard Order Authorization -- The licensee of a type Certificate Holder <i>Sources:</i> 121.703(f); 121.135(a)(1) <i>Interfaces:</i> 1.2.4–aw 	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.12 Does the Certificate Holder's manual specify that the Certificate Holder will not withhold a report required by 14 CFR Section 121.703 even though all information required by that section is not available? SRRs: 121.703(g)</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 personal concerned to perform the duty and responsibility that when the Certificate Holder gets additional information, including information from the manufacturer or other agency, concerning a report required by 14 CFR 121.703, it shall expeditiously submit it as a supplement to the first report. <i>Sources:</i> 121.703(h); 121.135(a)(1) 2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility that a supplemental report shall reference the date and place of submission of the first report. <i>Sources:</i> 121.703(h); 121.135(a)(1) 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
<p>1.13 Does the Certificate Holder's manual specify that when the Certificate Holder gets additional information, including information from the manufacturer or other agency, concerning a report required by 14 CFR Section 121.703, it shall expeditiously submit the information as a supplement to the first report and reference the date and place of submission of the first report? SRRs: 121.703(h)</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 personal concerned to perform the duty and responsibility that when the Certificate Holder gets additional information, including information from the manufacturer or other agency, concerning a report required by 14 CFR 121.703, it shall 	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

<p>expeditiously submit it as a supplement to the first report. <i>Sources:</i> 121.703(h); 121.135(a)(1)</p> <p>2. Check that the Certificate Holder's manual includes instructions and information necessary to allow personal concerned to perform the duty and responsibility that a supplemental report shall reference the date and place of submission of the first report. <i>Sources:</i> 121.703(h); 121.135(a)(1)</p>	
<p>1.14 If alternate procedures exist for use during irregular conditions, do the alternate procedures provide an equivalent level of safety to achieve the same results as the primary procedures?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable</p>

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 manual system to ensure that the most important manual 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:

2. Are the following controls built into the Mechanical Reliability Reports process:

2.1 Is there a control in place to ensure that the Certificate Holder submits Mechanical Reliability Reports (MRR) within the time frames provided in its manual and 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.2 Is there a control in place to ensure that the Certificate Holder reports the occurrences as specified by its manual and 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.3 Is there a control in place to ensure that the Certificate Holder's Mechanical Reliability Reports (MRR) include the detailed information as specified in 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
2.4 Does the Certificate Holder have a documented method for assessing the impact of any changes made to the controls in the Mechanical Reliability Reports 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 assess its processes, to identify and 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:

3. Does the Certificate Holder's Mechanical Reliability Reports process include the following process measurements:

3.1 Process measurements that would reveal if the Certificate Holder failed to submit Mechanical Reliability Reports (MRR) within the time frames provided in its manual and 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.2 Process measurements that would reveal if the Certificate Holder failed to report the occurrences as specified by its manual and 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.3 Process measurements that would reveal if the Certificate Holder's Mechanical Reliability Reports (MRR) did not include the detailed information as specified in 14 CFR 121.703?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.4 Does the Certificate Holder document its process measurement methods and results?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
3.5 Does the organization that conducts the process measurements have direct access to the person with responsibility for the Mechanical Reliability Reports 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 manuals within the certificate holder's manual system must be consistent and complement each other. For the interfaces to be effectively managed, it is not only important to identify what the interfaces are, but it is imperative to document the specific location of the interfaces within the certificate holder's manual system.

Tasks

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

- 1 Review the interfaces associated with the Mechanical Reliability Reports process that have been identified along with the individual questions in the Procedures Section (1) of this data collection tool.
- 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: ALL EXPLANATIONS IN THE DROP DOWN MENU FOR "NO" ANSWERS MUST INCLUDE THE INDIVIDUAL QUESTION NUMBER FROM THE PROCEDURES SECTION (1) OF THIS DATA COLLECTION TOOL AND THE ELEMENT NUMBER(S) OF THE INTERFACE(S) THAT WERE NOT ADDRESSED.

4. Does the Certificate Holder's manual:

- | | |
|---|--|
| 4.1 Properly address the interfaces that are identified along with the individual questions in the Procedures Section (1)? | <input type="checkbox"/> Yes
<input type="checkbox"/> No, Explain |
| 4.2 Document a method for assessing the impact of any changes to the associated interfaces within the Mechanical Reliability Reports process? | <input type="checkbox"/> Yes
<input type="checkbox"/> No, Explain |
| 4.3 List additional interfaces identified during the accomplishment of this SAI. | Free form text:
<input type="text"/> |

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 ATTRIBUTE

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 Mechanical Reliability Reports process.
2. Identify the person who has overall authority for the Mechanical Reliability Reports 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:

5. Are the following aspects of the Management Responsibility and Authority Attributes addressed in the Mechanical Reliability Reports process:

5.1 Does the Certificate Holder's manual clearly identify who is responsible for the quality of the Mechanical Reliability Reports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title: <input type="text"/>
5.2 Does the Certificate Holder's manual clearly identify who has authority to establish and modify the policies, procedures, instructions and information for the Mechanical Reliability Reports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain Name/Title: <input type="text"/>
5.3 Does the Certificate Holder's manual include the duties and responsibilities of those who manage the work required by the Mechanical Reliability Reports process? SRRs: 121.135(b)(2)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.4 Does the Certificate Holder's manual include instructions and information for those who manage the work required by the Mechanical Reliability Reports process? SRRs: 121.135(a)(1)	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.5 Does the Certificate Holder's manual clearly and completely document the authority for this position?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.6 Does the Certificate Holder's manual clearly and completely document their qualification standards for the person having responsibility for the Mechanical Reliability Reports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
5.7 Does the Certificate Holder's manual clearly and completely document their qualification standards for the person having authority to establish and modify the Certificate Holder's policies, procedures, instructions and information for the Mechanical Reliability Reports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

5.8 Does the Certificate Holder's manual clearly and completely document the procedures for delegation of authority for the Mechanical Reliability Reports process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
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SAI SECTION 5 – MANAGEMENT RESPONSIBILITY & AUTHORITY ATTRIBUTE –Drop Down Menu
1. Not documented.
2. Documentation unclear.
3. Documentation incomplete.
4. Other.