

**Safety Attribute Inspection (SAI) Data Collection Tool**  
**1.3.19 Lower Landing Minimums (LLM) (AW)**

**ELEMENT SUMMARY INFORMATION**

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

- To provide in the inspection and maintenance program, policy, procedures, instructions and information to maintain authorized aircraft systems and equipment used in the Lower Landing Minimums (LLM) program (Categories I, II and III).

**Objective** (FAA oversight):

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

**Specific Instructions:**

- Intentionally left blank

**SUPPLEMENTAL INFORMATION**

**Specific Regulatory Requirements (SRRs):**

- SRRs:
  - 119.43(b)
  - 119.43(b)(1)
  - 119.43(b)(2)
  - 119.43(c)
  - 119.49(a)(5)
  - 121.135(a)(1)
  - 121.135(b)(1)
  - 121.135(b)(2)
  - 121.135(b)(3)
  - 121.367
  - 121.369(b)
  - 121.567
  - 91.189(g)
  - 91.205(a)
  - 91.205(d)
  - 91.205(d)(1)
  - 91.205(d)(2)
  - 91.205(d)(3)(i)
  - 91.205(d)(4)
  - 91.205(d)(5)
  - 91.205(d)(6)
  - 91.205(d)(7)
  - 91.205(d)(8)
  - 91.205(d)(9)
  - C.052
  - C.053

- SRRs:
  - C.059
  - C.059c
  - C.059c(1)
  - C.059c(2)
  - C.059d
  - C.060
  - C.060(b)(1)
  - C.060(b)(2)
  - C.060(b)(3)
  - C.060(b)(4)
  - C.060a
  - C.061
  - C.062
  - C.063
  - C.073

**Related CFRs & FAA Policy/Guidance:**

- Related CFRs:
  - Intentionally left blank
- FAA Policy/Guidance:
  - AC 120-29A
  - AC 120-28D

### SAI Section 1 - Procedures Attribute

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

#### Tasks

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|    | To meet this objective, the inspector must accomplish the following tasks:  |
| 1. | Review the information listed in the Supplemental Information section of this DCT.  |
| 2. | Review the duties and responsibilities for management and other personnel identified by the certificate holder who accomplish the LLM program.  |
| 3. | Review the certificate holder's LLM program to ensure it contains the policies, procedures, instructions and information necessary for personnel to perform their duties and responsibilities with a high degree of safety. |

#### Questions

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|       | To meet this objective, the inspector must answer the following questions:   |   |
| 1.    | Does the certificate holder's Lower Landing Minimums (LLM) program meet the specific regulatory and FAA policy requirements:   |   |
| 1.1.  | Does the certificate holder's manual describing its inspection, maintenance, and alterations program ensure that aircraft used in IFR (Category I) operations are maintained with the required instruments and equipment (or FAA-approved equivalents) for that type of operation?<br>SRRs: 121.367; 91.205(a); C.052; C.053; C.063; C.073   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.2.  | Does the certificate holder's manual describe, in its inspection, maintenance, and alterations program for IFR flight rules in IFR (Category I) operations, the following requirements:<br>SRRs: 121.367; 91.205(d); C.052; C.053; C.063; C.073  |   |
| 1.2.1 | Instruments and equipment specified in 14 CFR Section 91.205(b)(1)-(15)?<br><br>SRRs: 91.205(d)(1)<br><i>Related Design JTIs:</i><br>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br><i>Sources:</i> 121.135(b)(16); 121.367(a)<br><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)<br>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |

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|       | <p>preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.2.2 | <p>For night flight, instruments, and equipment specified in 14 CFR Section 91.205(c)?</p> <p>SRRs: 91.205(d)(1)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.2.3 | <p>A two-way radio communications system and navigational equipment appropriate to the ground facilities to be used?</p> <p>SRRs: 91.205(d)(2)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |

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|       | <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.2.4 | <p>A third attitude instrument system usable through flight attitudes of 360 degrees of pitch and roll and installed in accordance with the instrument requirements prescribed in 14 CFR Section 121.305(j)?</p> <p>SRRs: 91.205(d)(3)(i)<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.2.5 | <p>A slip-skid indicator?</p> <p>SRRs: 91.205(d)(4)<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |

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| 1.2.6 | <p>A sensitive altimeter adjustable for barometric pressure?<br/> SRRs: 91.205(d)(5)<br/> <i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.2.7 | <p>A clock displaying hours, minutes, and seconds with a sweep-second pointer or digital presentation?<br/> SRRs: 91.205(d)(6)<br/> <i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.2.8 | <p>A generator or alternator of adequate capacity?<br/> SRRs: 91.205(d)(7)<br/> <i>Related Design JTIs:</i></p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

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|        | <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol>   |  |
| 1.2.9  | <p>A gyroscopic pitch and bank indicator (artificial horizon)?<br/>SRRs: 91.205(d)(8)<br/><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.2.10 | <p>A gyroscopic direction indicator (directional gyro or equivalent)?<br/>SRRs: 91.205(d)(9)<br/><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</li> </ol>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

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|       | <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.3.  | <p>Does the certificate holder's manual describe, in its inspection, maintenance, preventive maintenance, and alterations program for Category I operations, the following requirements:<br/>SRRs: 121.567; 121.367</p>  |   |
| 1.3.1 | <p>Operations specifications C052, ILS, MLS, or GLS equipment for Precision Approaches?<br/>SRRs: 121.367<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.3.2 | <p>Operations specifications C053, NDB, VOR, LOC, ILS, MLS, or GLS?<br/>SRRs: 121.367<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |



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|       | <p>with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.3.3 | <p>Operations specifications C063, RNAV, Area Navigation Systems?<br/> SRRs: 121.367<br/> <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.3.4 | <p>Operations specifications C073 VNAV, vertical navigation, and area navigation systems certified for VNAV operations?<br/> SRRs: 121.367<br/> <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>   |   |
| 1.3.5 | <p>Operations specification C061 (Flight Control Guidance systems for Automatic Landing Operations other than Categories II and III) for each aircraft and the airworthiness certification basis for the automatic flight control guidance system used?</p> <p>SRRs: 121.367<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.3.6 | <p>Operations specifications C062 (Manually flown Flight Control Guidance systems certified for landing operations other than Categories II and III) for each aircraft and the manually flown flight control guidance system being used?</p> <p>SRRs: 121.367<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> |   |
| 1.4.  | <p>Does the certificate holder's manual contain the Category I program that must be followed in performing maintenance, preventive maintenance, and alterations of the certificate holder's airplanes, appliances, and parts thereof?</p> <p>SRRs: 121.369(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures for performing LLM systems maintenance, preventive maintenance, and alterations of that Certificate Holder's airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof.</p> <p><i>Sources:</i> 121.135(b)(16); 121.369(b)</p> <p><i>Interfaces:</i> 1.3.1(AW); 1.3.14(AW)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.5.  | <p>Does the certificate holder's Lower Landing Minimums (LLM) program describe that Category II or III operations may be conducted only in accordance with its operations specifications?</p> <p>SRRs: 91.189(g)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.6.  | <p>Does the certificate holder's manual describe, in its inspection, maintenance, preventive maintenance, and alterations program for Category II operations, the following:</p> <p>SRRs: 121.567; 121.367; C.059c; C.059d</p>   |   |
| 1.6.1 | <p>Flight instruments as required by 14 CFR Sections 91.205, 121.303(b), and 121.303(c)?</p> <p>SRRs: C.059d</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY II operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.059d</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.6.2 | <p>Radio navigation equipment as required by 14 CFR Sections 121.345 and 121.349?<br/>SRRs: C.059d<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY II operations by aircraft make, model and series.<br/><i>Sources:</i> 121.135(b)(26); C.059d<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.6.3 | <p>Other airborne systems required by 14 CFR Sections 121.323 and 121.325?<br/>SRRs: C.059d<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p>equipment required for CATEGORY II operations by aircraft make, model and series.<br/> <i>Sources:</i> 121.135(b)(26); C.059d<br/> <i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.6.4 | <p>A heads-up guidance system, if used to conduct an auto-land approach to touchdown?<br/> SRRs: C.059c(1); C.059d<br/> <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY II operations by aircraft make, model and series.<br/> <i>Sources:</i> 121.135(b)(26); C.059d<br/> <i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <i>Interfaces: 1.3.2(AW); 1.3.14(AW)</i>   |   |
| 1.6.5 | <p>An airplane's automatic flight control guidance system approved for approach as specified in operations specifications C059?<br/>SRRs: C.059c(2); C.059d<br/><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY II operations by aircraft make, model and series.<br/><i>Sources: 121.135(b)(26); C.059d</i><br/><i>Interfaces: 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</i></li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources: 121.135(b)(16); 121.367(a)</i><br/><i>Interfaces: 1.3.2(AW); 1.3.14(AW)</i></li> <li>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources: 121.135(b)(16); 121.367(a)</i><br/><i>Interfaces: 1.3.2(AW); 1.3.14(AW)</i></li> <li>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources: 121.135(b)(16); 121.367(b)</i><br/><i>Interfaces: 1.3.2(AW); 1.3.14(AW)</i></li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.6.6 | <p>An airplane and manually flown guidance system approved for approach as specified in operations specifications C059?<br/>SRRs: C.059c(2); C.059d<br/><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY II operations by aircraft make, model and series.<br/><i>Sources: 121.135(b)(26); C.059d</i><br/><i>Interfaces: 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</i></li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources: 121.135(b)(16); 121.367(a)</i><br/><i>Interfaces: 1.3.2(AW); 1.3.14(AW)</i></li> <li>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's</li> </ol>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p>manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.7.  | <p>Does the certificate holder's manual contain the Category II program that must be followed in performing maintenance, preventive maintenance, and alterations of the certificate holder's airplanes, appliances, and parts thereof?</p> <p>SRRs: 121.369(b)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains instructions and procedures for performing LLM systems maintenance, preventive maintenance, and alterations of that Certificate Holder's airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof.</p> <p><i>Sources:</i> 121.135(b)(16); 121.369(b)</p> <p><i>Interfaces:</i> 1.3.1(AW); 1.3.14(AW)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.  | <p>Does the certificate holder's manual describe, in its inspection, maintenance, preventive maintenance, and alterations program for Category III operations, the following:</p> <p>SRRs: 121.567; 121.367; C.060</p>   |   |
| 1.8.1 | <p>Flight instruments as required by 14 CFR Sections 91.205, 121.303(b), and 121.303(c)?</p> <p>SRRs: C.060</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>   |   |
| 1.8.2 | <p>Radio navigation equipment as required by 14 CFR Sections 121.345 and 121.349?</p> <p>SRRs: C.060</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.3 | <p>Other airborne systems required by 14 CFR Sections 121.323 and 121.325?</p> <p>SRRs: C.060</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |



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|       | <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>   |   |
| 1.8.4 | <p>Other airborne systems required by the Aircraft Flight Manual (AFM)?</p> <p>SRRs: C.060</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.5 | <p>Special Operation Equipment required by Category III, using fail passive autoflight systems with or without rollout control or guidance system(s)?</p> <p>SRRs: C.060a; C.060(b)(1)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <p><i>Sources:</i> 121.135(b)(26); C.060a<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |  |
| 1.8.6 | <p>Special Operation Equipment required by Category III, using fail passive flight guidance system(s) with or without rollout control or guidance system(s)?<br/>SRRs: C.060a; C.060(b)(1)<br/><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.<br/><i>Sources:</i> 121.135(b)(26); C.060a<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <p><input type="checkbox"/> Yes<br/><input type="checkbox"/> No, Explain<br/><input type="checkbox"/> Not Applicable</p> |

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| 1.8.7 | <p>Special Operation Equipment required by Category III, using fail passive autoflight systems with rollout control or guidance system(s)?</p> <p>SRRs: C.060a; C.060(b)(2)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.<br/><i>Sources:</i> 121.135(b)(26); C.060a<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.8 | <p>Special Operation Equipment required by Category III, using fail passive flight guidance system(s) with rollout control or guidance system(s)?</p> <p>SRRs: C.060a; C.060(b)(2)</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.<br/><i>Sources:</i> 121.135(b)(26); C.060a<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)</li> </ol>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|        | <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>  |   |
| 1.8.9  | <p>Special Operation Equipment required by Category III, using fail operational autoflight system(s) with automatic fail passive rollout control or flight guidance system(s)?</p> <p>SRRs: C.060a; C.060(b)(3)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(a)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.</p> <p><i>Sources:</i> 121.135(b)(16); 121.367(b)</p> <p><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.10 | <p>Special Operation Equipment required by Category III, using fail operational guidance system(s) with automatic fail passive rollout control or flight guidance system(s)?</p> <p>SRRs: C.060a; C.060(b)(3)</p> <p><i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.</p> <p><i>Sources:</i> 121.135(b)(26); C.060a</p> <p><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|        | <p>with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p>   |   |
| 1.8.11 | <p>Special Operation Equipment required by Category III, using fail operational rollout control systems?<br/> SRRs: C.060a; C.060(b)(4)<br/> <i>Related Design JTIs:</i></p> <p>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.<br/> <i>Sources:</i> 121.135(b)(26); C.060a<br/> <i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</p> <p>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(a)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> <p>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/> <i>Sources:</i> 121.135(b)(16); 121.367(b)<br/> <i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</p> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.8.12 | <p>Special Operation Equipment required by Category III, using the Touchdown Zone, Mid, and Rollout RVR reporting systems?<br/> SRRs: C.060a; C.060(b)(4)<br/> <i>Related Design JTIs:</i></p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|       | <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains information for equipment required for CATEGORY III operations by aircraft make, model and series.<br/><i>Sources:</i> 121.135(b)(26); C.060a<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> <li>2. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>3. Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM systems inspection program, preventive maintenance and alterations accomplished by other persons are performed in accordance with the Certificate Holder's manual.<br/><i>Sources:</i> 121.135(b)(16); 121.367(a)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> <li>4. Check that the certificate holder's manual contains procedures to ensure that competent personnel, adequate facilities and equipment are provided for the LLM systems inspection program, preventive maintenance, and alterations.<br/><i>Sources:</i> 121.135(b)(16); 121.367(b)<br/><i>Interfaces:</i> 1.3.2(AW); 1.3.14(AW)</li> </ol> |   |
| 1.9.  | <p>Does the certificate holder's manual contain the Category III program that must be followed in performing maintenance, preventive maintenance, and alterations of the certificate holder's airplanes, appliances, and parts thereof?</p> <p><i>SRRs:</i> 121.369(b)<br/><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains instructions and procedures for performing LLM systems maintenance, preventive maintenance, and alterations of that Certificate Holder's airplanes, including airframes, aircraft engines, propellers, appliances, emergency equipment, and parts thereof.<br/><i>Sources:</i> 121.135(b)(16); 121.369(b)<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.14(AW)</li> </ol>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.10. | <p>Does the certificate holder's LLM program comply with the related requirements of 14 CFR Section 121.375?</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the certificate holder's manual contains instructions and procedures for the LLM training program that ensures each person who determines the adequacy of work done is fully informed about procedures.<br/><i>Sources:</i> 121.135(b)(16); 121.375<br/><i>Interfaces:</i> 4.2.1(AW)</li> <li>2. Check that the certificate holder's manual contains instructions and procedures for the LLM training program to ensure each person who determines the adequacy of work done is fully informed about new</li> </ol>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |

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|       | <p>equipment.</p> <p>Sources: 121.135(b)(16); 121.375</p> <p>Interfaces: 4.2.1(AW)</p>  |   |
| 1.11. | <p>Does the certificate holder's manual contain the required references to, or excerpts from, the operations specifications listed in the Supplemental Information section of this safety attribute inspection (SAI)?</p> <p>SRRs: 119.43(b); C.052; C.053; C.059; C.060; C.061; C.062; C.063; C.073</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |
| 1.12. | <p>If the certificate holder's manual includes excerpts from its operations specifications, are the excerpts clearly identified as part of the operations specifications?</p> <p>SRRs: 119.43(b)(1)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |
| 1.13. | <p>Does the certificate holder's manual require compliance with operations specifications listed in the Supplemental Information section of this safety attribute inspection (SAI)?</p> <p>SRRs: 119.43(b)(2); C.052; C.053; C.059; C.060; C.061; C.062; C.063; C.073</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |
| 1.14. | <p>Does the certificate holder's Lower Landing Minimums (LLM) program contain a method for keeping all persons engaged in its operations informed of the provisions of the operations specifications listed in the Supplemental Information section of this safety attribute inspection (SAI)?</p> <p>SRRs: 119.43(c); C.052; C.053; C.059; C.060; C.061; C.062; C.063; C.073</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain  |
| 1.15. | <p>Does the certificate holder's LLM program comply with the guidance contained in AC 120-29A and AC 120-28D?</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>Check that the Certificate Holder's manual contains instructions and procedures to ensure that maintenance personnel are familiar with the operators approved LLM program and their individual responsibilities in accomplishing that program.<br/>Sources: AC 120-29A Paragraph 9.2, a AC 120-28D Section 9.2, a<br/>Interfaces: 1.3.1(AW); 4.1.2(AW)</li> <li>Check that the Certificate Holder's manual contains instructions and procedures to ensure that the LLM maintenance program address procedures necessary to ensure continued airworthiness relative to low visibility operations.<br/>Sources: AC 120-29A Paragraph 9.2, b (1) AC 120-28D Section 9.2, b (1)<br/>Interfaces: 1.3.1(AW); 1.3.15(AW)</li> <li>Check that the Certificate Holder's manual contains instructions and procedures to revise and update the LLM maintenance program.<br/>Sources: AC 120-29A Paragraph 9.2, b (2) AC 120-28D Section 9.2, b (2)<br/>Interfaces: 1.3.1(AW); 1.3.15(AW)</li> <li>Check that the Certificate Holder's manual contains instructions and procedures to identify, record, or designate personnel currently assigned responsibility in managing the program, performing the program, maintaining the program, or performing quality assurance for the program. This includes identification of any contractor or sub-contractor organizations, or where applicable, their personnel.<br/>Sources: AC 120-29A Paragraph 9.2, b (3) AC 120-28D Section 9.2, b (3)</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br><input type="checkbox"/> Not Applicable |

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|  | <p><i>Interfaces:</i> 1.3.1(AW); 1.3.15(AW)</p> <p>5. Check that the Certificate Holder's manual contains instructions and procedures to verify the certification configuration status for each aircraft brought into the LLM maintenance program.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (4) AC 120-28D Section 9.2, b (4)<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.3.1(AW)</p> <p>6. Check that the Certificate Holder's manual contains instructions and procedures to identify modifications, additions, and changes which were made to qualify aircraft systems for the intended operation or minima, if other than as specified in the AFM, TC or STC.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (5) AC 120-28D Section 9.2, b (5)<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.3.1(AW); 1.3.8(AW)</p> <p>7. Check that the Certificate Holder's manual contains instructions and procedures to identify maintenance requirements and log entries necessary to change minima status.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (6) AC 120-28D Section 9.2, b (6)<br/><i>Interfaces:</i> 1.2.6(AW); 1.3.14(AW)</p> <p>8. Check that the Certificate Holder's manual contains procedures that identify, monitor, and report lower minimum system and component discrepancies for the purpose of quality control and analysis.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (8) AC 120-28D Section 9.2, b (8)<br/><i>Interfaces:</i> 1.2.3(AW); 1.2.5(AW); 1.3.15(AW)</p> <p>9. Check that the Certificate Holder's manual contains procedures that define, monitor, and report chronic and repetitive LLM system discrepancies.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (9) AC 120-28D Section 9.2, b (9)<br/><i>Interfaces:</i> 1.3.15(AW)</p> <p>10. Check that the Certificate Holder's manual contains procedures that ensure aircraft remain out of lower minimum status until successful corrective action has been verified for chronic and repetitive discrepancies.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (10) AC 120-28D Section 9.2, b (10)<br/><i>Interfaces:</i> 1.3.15(AW)</p> <p>11. Check that the Certificate Holder's manual contains procedures that ensure the aircraft LLM system status is placarded properly and clearly documented in the aircraft log book, in coordination with maintenance control, engineering, flight operations, and dispatch, or equivalent.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (11) AC 120-28D Section 9.2, b (11)<br/><i>Interfaces:</i> 1.2.1(AW); 1.3.14(AW); 2.1.1(AW)</p> <p>12. Check that the Certificate Holder's manual contains procedures to ensure the downgrade of an aircraft low visibility capability status when maintenance has been performed by persons other than those trained, qualified and authorized.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (12) AC 120-28D Section 9.2, b (12)</p> |  |
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|  | <p><i>Interfaces:</i> 1.2.1(AW); 1.2.3(AW); 1.3.14(AW); 1.3.15(AW)</p> <p>13. Check that the Certificate Holder's manual contains procedures to perform LLM systems ground tests and systems flight checks, as applicable, following periodic maintenance.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (13) AC 120-28D Section 9.2, b (13)</p> <p><i>Interfaces:</i> 1.2.3(AW); 1.3.11(AW); 1.3.14(AW); 1.3.15(AW)</p> <p>14. Check that the Certificate Holder's manual contains provisions to perform one satisfactory low visibility system operational use, or a satisfactory systems ground check, within 6 months, or within a period as specified by the aircraft or avionics manufacturer for an aircraft to remain in LLM status.<br/><i>Sources:</i> AC 120-29A Paragraph 9.2, b (15) AC 120-28D Section 9.2, b (15)</p> <p><i>Interfaces:</i> 1.2.1(AW); 1.2.3(AW); 1.3.11(AW); 1.3.14(AW); 1.3.15(AW)</p> <p>15. Check that the Certificate Holder's manual contains instructions and procedures to assure that the operator and contract maintenance personnel including mechanics, maintenance controllers, avionics technicians, personnel performing maintenance inspection or quality assurance, or other engineering personnel if applicable, receive initial and recurrent LLM training.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (a) AC 120-28D Section 9.3<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>16. Check that the Certificate Holder's manual contains instructions and procedures to assure that recurrent LLM training is accomplished at least annually, or when a person has not been involved in the maintenance of the specified aircraft or systems for an extended period (e.g., greater than 6 months).<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (a) AC 120-28D Section 9.3<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>17. Check that the Certificate Holder's manual contains policy and procedures that ensures LLM systems training includes the following subject areas: operational concepts, aircraft types and systems affected, aircraft variants and differences where applicable, procedures to be used, manual or technical reference availability and use, processes, tools, or test equipment to be used, quality control, methods for testing and return to service, and signoffs required.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(2) AC 120-28D Section 9.3(2)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>18. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training include outside vendors or vendor's parts compatibility to program requirements and for establishing measures to control and account for parts overall quality assurance.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(3) AC 120-28D Section 9.3(3)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>19. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes the tracking and control of components that are "swapped" between systems for trouble shooting when systems discrepancies can not be duplicated. These procedures should provide for total system testing and/or removal of aircraft from lower minimum status.</p> |  |
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|  | <p><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(4) AC 120-28D Section 9.3(4)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>20. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes assessment, tracking and control the accomplishment of changes to components or systems pertinent to low visibility operations.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(5) AC 120-28D Section 9.3(5)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>21. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes a method to record and report lower minimum operation(s) that are discontinued/interrupted because of system(s) malfunction.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(6) AC 120-28D Section 9.3(6)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>22. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes the installation, evaluation, control, and testing of system and component software changes or updates.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(7) AC 120-28D Section 9.3(7)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>23. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes the minimum equipment list (MEL) remarks section, which identifies low visibility-related systems and components, specifying limitations, upgrading, and downgrading.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(8) AC 120-28D Section 9.3(8)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>24. Check that the Certificate Holder's manual contains instructions and procedures that ensures LLM systems training includes identifying and addressing performance assurance for any necessary low visibility-related components and systems, such as: use of "built in test" features, required inspection items, and providing quality assurance, whether performed in-house or by contract vendors.<br/><i>Sources:</i> AC 120-29A Paragraph 9.3 (b)(9) AC 120-28D Section 9.3(9)<br/><i>Interfaces:</i> 4.2.1(AW)</p> <p>25. Check that the Certificate Holder's manual contains instructions and procedures to assure that LLM test equipment is periodically re-evaluated using a listing of primary and secondary standards, which are traceable to a national standard or the manufacturer's calibration standards.<br/><i>Sources:</i> AC 120-29A Paragraph 9.4 AC 120-28D Section 9.4<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.8(AW)</p> <p>26. Check that the Certificate Holder's manual contains instructions and procedures to upgrade or downgrade system status concerning low visibility operations, to ensure flightcrews, maintenance and inspection departments, dispatch, and other administrative personnel as necessary are appropriately aware of aircraft and system status.<br/><i>Sources:</i> AC 120-29A Paragraph 9.5, (a) AC 120-28D Section 9.5<br/><i>Interfaces:</i> 1.1.1(AW)</p> <p>27. Check that the Certificate Holder's manual contains instructions and procedures that assures the appropriate level of testing is specified for each LLM component or system.</p> |  |
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|  | <p><i>Sources:</i> AC 120-29A Paragraph 9.5, (b) AC 120-28D Section 9.5<br/><i>Interfaces:</i> 1.3.1(AW)</p> <p>28. Check that the Certificate Holder's manual contains instructions and procedures that ensures contract facilities or personnel follow the operator's FAA-approved maintenance program to approve an aircraft for return to service.<br/><i>Sources:</i> AC 120-29A Paragraph 9.5, (c) AC 120-28D Section 9.5<br/><i>Interfaces:</i> 1.3.1(AW)</p> <p>29. Check that the Certificate Holder's manual contains instructions and procedures to conduct periodic flight guidance system/autoland system checks IAW procedures recommended by the airframe or avionics manufacturer, or by an alternate procedure approved by the FAA.<br/><i>Sources:</i> AC 120-29A Paragraph 9.6, (b) AC 120-28D Section 9.6<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.3.1(AW)</p> <p>30. Check that the Certificate Holder's manual contains instructions and procedures that prescribe the periodic use of the flight guidance/automatic landing system to assist in maintaining its availability and reliability.<br/><i>Sources:</i> AC 120-29A Paragraph 9.6, (c) AC 120-28D Section 9.6<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.3.1(AW)</p> <p>31. Check that the Certificate Holder's manual contains instructions and procedures that ensure (for the 1 year period after an applicant has been authorized for LLM operations) a monthly summary is submitted to the certificate holding office, which includes the total number of approaches tracked, the number of satisfactory approaches tracked, by aircraft/system type, and visibility (RVR), if known or recorded.<br/><i>Sources:</i> AC 120-29A Paragraph 9.7.2 (a) AC 120-28D Section 9.7 (a)<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>32. Check that the Certificate Holder's manual contains instructions and procedures that ensure (for the 1 year period after an applicant has been authorized for LLM operations) a monthly summary is submitted to the certificate holding office, which includes the total number of unsatisfactory approaches, and reasons for unsatisfactory performance, if known, listed by appropriate category (e.g., poor system performance, aircraft equipment problem/failure; ground facility problem, ATS handling, lack of critical area protection, or other).<br/><i>Sources:</i> AC 120-29A Paragraph 9.7.2 (b) AC 120-28D Section 9.7 (b)<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>33. Check that the Certificate Holder's manual contains instructions and procedures that ensure (for the 1 year period after an applicant has been authorized for LLM operations) a monthly summary is submitted to the certificate holding office, which includes the total number of unscheduled component removals for the related avionics systems.<br/><i>Sources:</i> AC 120-29A Paragraph 9.7.2 (c) AC 120-28D Section 9.7 (c)<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>34. Check that the Certificate Holder's manual contains instructions and procedures that ensure a LLM monthly summary is submitted to the certificate holding office, after the initial 1 year period, IAW the Operators established reliability and reporting requirements.<br/><i>Sources:</i> AC 120-29A Paragraph 9.7.2 (d) AC 120-28D Section 9.7 (d)<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>35. Check that the Certificate Holder's manual contains instructions and</p> |  |
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|    | <p>procedures that ensure any modification to systems and components approved for low visibility operations are not adversely affected when incorporating software changes, service bulletins, hardware additions, or modifications.</p> <p><i>Sources:</i> AC 120-29A Paragraph 9.8 AC 120-28D Section 9.8<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>36. Check that the Certificate Holder's manual contains instructions and procedures that ensures suitable LLM records are retained, including the applicable records of contract maintenance organizations.</p> <p><i>Sources:</i> AC 120-29A Paragraph 9.9 (a) AC 120-28D Section 9.9<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p> <p>37. Check that the Certificate Holder's manual contains instructions and procedures that ensures contract maintenance organizations have appropriate LLM records, and instructions for coordination of LLM records with the operator.</p> <p><i>Sources:</i> AC 120-29A Paragraph 9.9 (b) AC 120-28D Section 9.9<br/><i>Interfaces:</i> 1.3.1(AW); 1.3.2(AW)</p>   |  |
| 2. | <p>Does the certificate holder's manual contain general policies for the LLM program that comply with the SRRs?</p> <p>SRRs: 91.189(g); 119.49(a)(5); 121.135(b)(1); 121.567; 121.369(b); 121.367; 91.205(a); 91.205(d); C.052; C.053; C.059; C.060; C.061; C.062; C.063; C.073</p> <p><i>Related Design JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check that the Certificate Holder's manual contains a general policy that the flag carriers obtain operations specifications containing all of the following: Kinds of operations authorized. (LLM)<br/><i>Sources:</i> 119.49(a)(5); 121.135(b)(1)<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> <li>2. Check that the Certificate Holder's manual contains a general policy that the domestic carriers obtain operations specifications containing all of the following: Kinds of operations authorized. (LLM)<br/><i>Sources:</i> 119.49(a)(5); 121.135(b)(1)<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> <li>3. Check that the Certificate Holder's manual contains a general policy that the supplemental carriers obtain operations specifications containing all of the following: Kinds of operations authorized. (LLM)<br/><i>Sources:</i> 119.49(b)(5); 121.135(b)(1)<br/><i>Interfaces:</i> 1.1.2(AW); 1.1.2(OP); 1.2.6(AW); 1.3.1(AW); 1.3.15(AW)</li> </ol> | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 3. | <p>Does the certificate holder's manual reference the appropriate Federal Aviation Regulations listed in the Supplemental Information section of this safety attribute inspection (SAI)?</p> <p>SRRs: 121.135(b)(3)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 4. | <p>Does the certificate holder's manual contain the duties and responsibilities for personnel who will accomplish the LLM program?</p> <p>SRRs: 121.135(b)(2)</p>   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 5. | <p>Does the certificate holder's manual include instructions and information for personnel to meet the requirements of the LLM program?</p> <p>SRRs: 121.135(a)(1)</p>  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |



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

### SAI Section 2 - Controls Attribute

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

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

#### Tasks

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

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

#### Questions

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|      | To meet this objective, the inspector must answer the following questions:   |  |
| 1.   | Are the following controls built into the LLM program:   |  |
| 1.1. | Is there a control or controls in place to ensure that the certificate holder's personnel are trained and qualified for the maintenance and inspection of aircraft, appliances, systems, and parts thereof that are approved by Category I, II, or III (LLM)?                          | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.2. | Is there a control or controls in place to ensure the airworthiness of each aircraft, appliances, system(s), and parts thereof that are critical to the certificate holder's Category I, II, or III (LLM) program, are appropriately inspected?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.3. | Is the identified control or controls effective in ensuring that appropriate standards are maintained for the certificate holder's Category I, II, or III (LLM) aircraft, systems, appliances, and parts thereof, and are included in the approved inspection and maintenance program? | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 2.   | Does the certificate holder have a documented method for assessing the impact of any changes made to the controls in the LLM program?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |

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



### SAI Section 3 - Process Measurement Attribute

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

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

#### Tasks

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

#### Questions

|      |   |  |
|------|---|--|
|      | To meet this objective, the inspector must answer the following questions:  |  |
| 1.   | Does the certificate holder's LLM program include the following process measurements:   |  |
| 1.1. | Is there a process measurement or process measurements that would reveal if the certificate holder's personnel are trained and qualified for the maintenance and inspection of aircraft, appliances, systems, and parts thereof that were approved by Category I, II, or III (LLM)?                   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.2. | Is there a process measurement or process measurements that would reveal if the inspections performed on the certificate holder's critical Category I, II, or III (LLM) aircraft, appliances, systems, and parts thereof to ensure the airworthiness of each?   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 1.3. | Is there a process measurement or process measurements that would reveal if the appropriate standards are maintained for the certificate holder's Category I, II, or III (LLM) aircraft, systems, appliances, and parts thereof, and are included in the approved inspection and maintenance program? | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 2.   | Is there a process measurement or process measurements that would reveal if the certificate holder's policy, procedures, instructions, and information were not followed?   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain |
| 3.   | Does the certificate holder document its process measurement results?   | <input type="checkbox"/> Yes   |

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

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

### SAI Section 4 - Interfaces Attribute

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

#### Tasks

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

#### Questions

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

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

### SAI Section 5 - Management Responsibility & Authority Attributes

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

#### Tasks

|    |   |
|----|---|
|    | To meet this objective, the inspector must accomplish the following tasks:                              |
| 1. | Identify the person who has overall responsibility for the LLM program.                                 |
| 2. | Identify the person who has overall authority for the LLM program.                                      |
| 3. | Review the duties and responsibilities of the person(s), documented in the certificate holder's manual. |
| 4. | Review the appropriate organizational chart.  |

#### Questions

|    |  |   |
|----|--|---|
|    | To meet this objective, the inspector must answer the following questions:   |   |
| 1. | Does the certificate holder clearly identify who is responsible for the quality of the LLM program?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br>Name/Title: |
| 2. | Does the certificate holder clearly identify who has authority to establish and modify the policies, procedures, instructions, and information for the LLM program?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain<br>Name/Title: |
| 3. | Does the certificate holder's manual include the duties and responsibilities of those who manage the work required by the LLM program?<br>SRRs: 121.135(b)(2)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 4. | Does the certificate holder's manual include instructions and information for those who manage the work required by the LLM program?<br>SRRs: 121.135(a)(1)  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 5. | Does the certificate holder clearly and completely document the responsibility for this position?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 6. | Does the certificate holder clearly and completely document the authority for this position?   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 7. | Does the certificate holder clearly and completely document its qualification standards for the person having responsibility for the LLM program?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 8. | Does the certificate holder clearly and completely document its qualification standards for the person having authority to establish and modify the certificate holder's policies, procedures, instructions and information for the LLM program? | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |
| 9. | Does the certificate holder clearly and completely document the procedures for delegation of authority for the LLM program?  | <input type="checkbox"/> Yes<br><input type="checkbox"/> No, Explain                |

| <b>SAI Section 5 - Management Responsibility &amp; Authority Attributes<br/>Drop-Down Menu</b> |                           |
|--|---------------------------|
| 1.   | Not documented.           |
| 2.   | Documentation unclear.    |
| 3.   | Documentation incomplete. |
| 4.   | Other.                    |