

Element Performance Inspection (EPI) 1.3.19 Lower Landing Minimums (LLM) (AW)

Purpose of this Element (Air Carrier's responsibility):

To provide standards for personnel, equipment, and maintenance of aircraft authorized for the Lower Landing Minimums (LLM) program.

Objective (FAA responsibility):

To determine if the Air Carrier follows its policies, procedures, and controls for the Lower Landing Minimums program.

Specific Instructions for this EPI:

To accomplish this EPI the inspector shall verify the Air Carrier follows its policies and procedures for Lower Landing Minimums (LLM) program. The inspector shall verify that only trained and qualified personnel perform maintenance on LLM aircraft. The inspector shall verify technical data being used for LLM is current. The inspector shall verify the Air Carrier reports all system failures/abnormalities with the LLM system to the FAA/Certificate Holding District Office, if applicable.

There may be occasional circumstances that it is not possible to observe an event listed on this EPI. The intention of **Question 1.5**, and other similarly worded questions is that an answer of "Yes" would indicate positive compliance, since negative compliance was not observed.

If during an inspection activity the inspector does not observe the events listed in that question, leave the question unanswered until the last inspection activity. Then if the inspector does not observe the event during the last planned activity for the open EPI, answer the question "Yes."

If during an inspection activity there were no system failures or abnormalities to report, then positive compliance was observed and the response would be "Yes."

In this case it would be prudent to select the 'YES' button for the specific question, and in the pop-up box enter block an explanation such as *"No system failures or abnormalities to report throughout the entire observation period of this EPI."*

Related EPIs:

- | | |
|---|---|
| 1.1.1 Aircraft Airworthiness (AW) | 1.3.10 Parts / Material Control / SUP |
| 1.1.2 Appropriate Operational Equipment | 1.3.14 General Maintenance Manual / Equivalent (AW) |
| 1.2.1 Airworthiness Release / Logbook Entry | 1.3.15 Reliability Program (AW) |
| 1.2.2 Major Repairs and Alterations Records | 2.1.1 Manual Currency (AW / OP) |
| 1.2.3 Maintenance Log / Recording Requirements (AW) | 2.1.2 Content Consistency Across Manuals (AW / OP) |
| 1.3.1 Maintenance Program (AW) | 2.1.3 Distribution (Manuals) (AW / OP) |
| 1.3.2 Inspection Program (AW) | 2.1.4 Availability (Manuals) (AW / OP) |
| 1.3.3 Maintenance Facility / Main Maintenance Base (AW) | 4.1.1 RII Personnel (AW) |
| 1.3.4 Required Inspection Items (RII) (AW) | 4.1.2 Maintenance Certificate Requirements (AW) |
| 1.3.5 MEL / CDL / Deferred Maintenance | 4.2.1 Maintenance Training Program |
| 1.3.6 AD Management (AW) | 4.2.2 RII Training Requirements (AW) |
| 1.3.9 Engineering / Major Repairs and Alterations (AW) | |

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To meet this objective, the inspector will accomplish the following tasks (at the inspection locations where applicable):

1. Review the FAA Guidance and Specific Regulatory Requirements (SRR) included in the supplemental information section of this EPI.
2. Review the associated SAI, with emphasis on the Controls Attribute section.
3. Review the Lower Landing Minimums policies and procedures.
4. Review and assess the performance of the Lower Landing Minimums program.
5. Review and assess appropriate records of the Lower Landing Minimums program.

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

1. Were the following performance measures met:

<i>1.1 The Air Carrier complied with the LLM Maintenance provisions of the Operations Specifications.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
<i>1.2 The Air Carrier's LLM Maintenance personnel are trained and qualified in accordance with its policies and procedures.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
<i>1.3 The Air Carrier has maintenance accomplished in accordance with the standards of the LLM Maintenance program.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
<i>1.4 The Air Carrier's LLM Maintenance technical documents were available to LLM maintenance personnel.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
<i>1.5 The Air Carrier immediately notified the CHDO of any system failures or abnormalities in accordance with its policies and procedures.</i>	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
2. Were the Lower Landing Minimums procedures followed?	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
3. Were the Lower Landing Minimums controls followed?	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	
4. Did records comply with the Air Carrier's Lower Landing Minimums policies and procedures?	<input type="checkbox"/> YES	If no, explain:
	<input type="checkbox"/> NO	

5. <Deleted>

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SUPPLEMENTAL INFORMATION

SRRs:

- 14 CFR 91.189 (g), “Category II and III operations: General operating rules.”
- 14 CFR 91.191, “Category II manual.”
- 14 CFR 91.205, “Powered civil aircraft with standard category U.S. airworthiness certificates: Instrument and equipment requirements.”
- 14 CFR 121.375, “Maintenance and preventive maintenance training program.”

Other CFRs and FAA Guidance:

- FAA Order 8300.10, Vol. 2, Chap. 3, “Evaluate Category I/II/III/IIIA Landing Minimum Maintenance/Inspection Programs.”
- FAA Order 8300.10, Vol. 2, Chap. 238, “Evaluate Airborne Microwave Landing Systems.”
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).