

## Element Performance Inspection (EPI) Data Collection Tool

### 5.1.3 Non-Federal NAVAIDS (AW)

#### ELEMENT SUMMARY INFORMATION

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

- The certificate holder complies with the requirements of the Non-Federal NAVAIDS process with a high degree of safety.

**Objective** (FAA oversight):

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

**Specific Instructions:**

- To accomplish this EPI, the inspector should coordinate this inspection with the responsible FAA Airways Facilities(AF) Sector Field Office and accompany their specialist to the NAVAID site. Records, information, and personnel necessary for the completion of this EPI should be located at the Air Carrier's main base and/or the base closest to the non-federal NAVAID.

**Related EPIs:**

- 5.1.1 Line Stations (AW)
- 5.1.2 Weather Reporting / SAWRS (AW)
- 5.1.4 Altimeter Setting Sources (AW)
- 5.1.5 Station Facilities (OP)

#### SUPPLEMENTAL INFORMATION

**Specific Regulatory Requirements (SRRs):**

- SRRs:
  - 121.103(a)(1)
  - 121.121(a)(1)
  - 121.135(a)(1)
  - 121.135(b)(1)
  - 121.135(b)(2)
  - 121.135(b)(3)
  - 171.103
  - 171.153
  - 171.203
  - 171.23
  - 171.255
  - 171.3
  - 171.305
  - 171.43

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

- Related CFRs:  
Intentionally left blank
- FAA Policy/Guidance:  
FAA Order 8900.1 Vol 8, Ch 1

<b>EPI Section 1 - Performance Observables</b>	
<b>Objective:</b> The tasks and questions in this section of the data collection tool (DCT) are designed to assist the inspector in determining if the certificate holder follows its written procedures and controls and meets the established performance measures of the process. To accomplish this, questions have been generated to test both the outputs of the process as well as the process itself. Question 1 and its following subquestions are directed at the output(s) of the process, whereas questions 2-6, when answered, should be directed at the process itself.	
<b>Tasks</b>	
	To meet this objective, the inspector must accomplish the following tasks:
1.	Review the information listed in the Supplemental Information section of this DCT.
2.	Review the policies, procedures, instructions, and information for the Non-Federal NAVAIDS process.
3.	Review the last accomplished associated safety attribute inspection (SAI) for this element with emphasis on the controls, process measurements, and interface attribute section responses.
4.	Observe the Non-Federal NAVAIDS process to gain an understanding of the procedures, instructions, and information.
5.	Discuss the Non-Federal NAVAIDS process with the personnel (other than management) who perform the duties and responsibilities required by the process.

<b>Questions</b>		
	To meet this objective, the inspector must answer the following questions:	
1.	Determine whether the following performance measures were met:	
1.1.	<p>Were only authorized personnel utilized in the maintenance of the certificate holder's Non-Federal NAVAID?</p> <p><i>Related Performance JTIs:</i></p> <ol style="list-style-type: none"> <li>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.11 (a) Maintenance and Operations Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(a)</li> <li>2. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall incorporate improvements in VOR maintenance brought about by progress in the state of the art in accordance with 14 CFR 171. 11(f). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(f)</li> <li>3. Check at the geographic location that Certificate Holder who owns a non-federal NDB navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.31 (a) Maintenance and Operations Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(a)</li> <li>4. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.51 (a) Maintenance and Operations Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(a)</li> <li>5. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall incorporate improvements in</li> </ol>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>ILS maintenance brought about by progress in the state of the art in accordance with 14 CFR 171. 51(f).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(f)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.115 (a) Maintenance and Operations Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(a)</p> <p>7. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.161 (a) Maintenance and Operations Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(a)</p> <p>8. Check at the geographic location by conducting a discussion with appropriate personnel that whenever it is required by the FAA, the owner shall incorporate improvements in DME maintenance in accordance with 14 CFR 171. 161(f).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(f)</p> <p>9. Check at the geographic location that Certificate Holder who owns a non-federal VHF MARKER BEACON navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.211 (a) Maintenance and Operations Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(a)</p> <p>10. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.273 (a) Maintenance and Operations Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(a)</p> <p>11. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.325, (a) Maintenance and Operations Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(a)</p>	
1.2.	<p>Was a current facilities maintenance manual available for the certificate holder's Non-Federal NAVAID?  <i>Related Performance JTIs:</i></p> <p>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has a FAA-approved operations and maintenance manual in accordance with 14 CFR 171.11(b).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(b)</p> <p>2. Check at the geographic location that Certificate Holder who owns a non-federal NDB navaid, has a FAA-approved operations and maintenance manual in accordance with 14 CFR 171.31(b).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(b)</p> <p>3. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has a FAA-approved operations and maintenance manual in accordance with 14 CFR 171.51(b).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(b)</p> <p>4. Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has an approved operations and maintenance</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>manual that sets forth procedures for operations, preventive maintenance, and emergency maintenance in accordance with 14 CFR 171.115(c).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(c)</p> <p>5. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has a FAA-approved operations and maintenance manual in accordance with 14 CFR 171.161(b).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(b)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-federal VHF MARKER BEACON navaid, has a FAA-approved operations and maintenance manual in accordance with 14 CFR 171.211(b).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(b)</p> <p>7. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has an FAA-approved operations and maintenance manual in accordance with 14 CFR 171.273(c).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(c)</p> <p>8. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has an approved operations and maintenance manual that sets forth procedures for operations, periodic maintenance, and emergency maintenance in accordance with 14 CFR 171.325(c).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(c)</p>	
<p>1.3.</p>	<p>Were spare parts available for the maintenance of the certificate holder's Non-Federal NAVAID?  <i>Related Performance JTIs:</i></p> <p>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 11(f).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(f)</p> <p>2. Check at the geographic location that Certificate Holder who owns a non-federal NDB navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 31(e).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(e)</p> <p>3. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 51(f).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(f)</p> <p>4. Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 115(g).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(g)</p> <p>5. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 161(g).  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(g)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-</p>	<p><input type="checkbox"/> Yes  <input type="checkbox"/> No, Explain</p>

	<p>federal VHF MARKER BEACON navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 211(e). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(e)</p> <p>7. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 273(h). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(h)</p> <p>8. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has provided a stock of spare parts, to make possible the prompt replacement of components that fail or deteriorate in service in accordance with 14 CFR 171. 325(g). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(g)</p>	
1.4.	<p>Were all approved instruments available for the maintenance of the certificate holder's Non-Federal NAVAID?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has provided all approved test instruments needed for maintenance of the facility in accordance with 14 CFR 171. 11(g). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(g)</p> <p>2. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has provided all approved test instruments needed for maintenance of the facility in accordance with 14 CFR 171. 51(g). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(g)</p> <p>3. Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has provided all approved test instruments needed for maintenance of the facility in accordance with 14 CFR 171. 115(h). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(h)</p> <p>4. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has provided all approved test instruments needed for maintenance of the facility in accordance with 14 CFR 171. 161(h). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(h)</p> <p>5. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has provided all FAA approved test instruments that must be used for maintenance of the ISMLS facility, in accordance with 14 CFR 171.273( i ) <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(i)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has provided all approved test instruments needed for maintenance of the facility in accordance with 14 CFR 171. 325(h). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(h)</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
1.5.	<p>Were ground checks of the certificate holder's Non-Federal NAVAID conducted in accordance with the procedures contained in the facilities maintenance manual?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has records reflecting required ground checks of</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> Not Applicable

	<p>course accuracy in accordance with 14 CFR 171.11(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(c)</p> <p>2. Check at the geographic location that Certificate Holder who owns a non-federal NDB navaid, has records reflecting required ground checks of course accuracy in accordance with 14 CFR 171.31(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(c)</p> <p>3. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has records reflecting required ground checks of course accuracy in accordance with 14 CFR 171.51(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(c)</p> <p>4. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has records of a monthly ground operational check in accordance with procedures approved by the FAA at the time of commissioning, in accordance with 14 CFR 171.161(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(c)</p> <p>5. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, that there is a record as provided in Sec.171.275 that the owner or his maintenance representative has made a ground check of the ISMLS facility periodically in accordance with procedures approved by the FAA at the time of commissioning. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(d)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) that records indicate that the mean corrective maintenance time of the ISMLS equipment does not exceed 0.5 hours, with a maximum corrective maintenance time of not greater than 1.5 hours. This measure applies to failures of the monitor, transmitter and associated antenna assemblies, limited to unscheduled outage and out-of- tolerance conditions <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(j)</p> <p>7. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) that records indicate that the mean time between failures of the ISMLS equipment is not be less than 1,500 hours. This measure applies to unscheduled outages, out-of- tolerance conditions, and failures of the monitor, transmitter, and associated antenna assemblies. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(k)</p> <p>8. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has a record of FAA approved ground checks in accordance with 14 CFR 171. 325(d). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(d)</p> <p>9. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence that MLS monitoring is conducted in accordance with 14 CFR 171.325(j). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(j)</p>	
1.6.	<p>Were modifications to a certificate holder's Non-federal NAVAID approved prior to accomplishment?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the geographic location that Certificate Holder who owns a non-federal VOR navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 11(d).</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, Explain</p> <p><input type="checkbox"/> Not Applicable</p>

	<p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(d)</p> <p>2. Check at the geographic location that Certificate Holder who owns a non-federal NDB navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 31(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(c)</p> <p>3. Check at the geographic location that Certificate Holder who owns a non-federal ILS navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 51(d). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(d)</p> <p>4. Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 115(e). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(e)</p> <p>5. Check at the geographic location that Certificate Holder who owns a non-federal DME navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 161(d). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(d)</p> <p>6. Check at the geographic location that Certificate Holder who owns a non-federal VHF MARKER BEACON navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 211(c). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(c)</p> <p>7. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has a record of FAA approval for any modifications of the facility in accordance with 14 CFR 171. 325(e). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(e)</p>	
<p>2.</p>	<p>Were the certificate holder's policies, procedures, instructions, and information for the Non-Federal NAVAIDS process followed? <i>Related Performance JTIs:</i></p> <p>1. Check at the air carrier specified location that operational notices reflect the appropriate notification to operations personnel of each change in equipment and operating procedures, including each known change in the use of navigation aids and irregularities in ground and navigation facilities. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 121.539</p> <p>2. Check at the air carrier specified location that the flight releases, when compared with the operational notices reflect that no aircraft were released over any route or route segment unless navigation facilities equal to those required by Section 121.121 are in satisfactory operating condition. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 121.539</p> <p>3. Check at the air carrier specified location that the Certificate Holder who owns a non-federal VOR navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.3 in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.3</p> <p>4. Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.11(e). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(e)</p> <p>5. Check at the geographic location by conducting a discussion with</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No, Explain</p>

	<p>appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 11(h).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.11(h)</p>	
6.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal NDB navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.23 in accordance with the Certificate Holder's manual</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.23</p>	
7.	<p>Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.31(d).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(d)</p>	
8.	<p>Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 31(f).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.31(f)</p>	
9.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal ILS navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.43 in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.43</p>	
10.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal ILS navaid, and has requested an IFR procedure, has evidence of commissioning of the ILS in compliance with 14 CFR 171.45, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.45</p>	
11.	<p>Check at the air carrier specified location that the Certificate Holder, who owns a non-federal ILS navaid, has evidence of commissioning of the ILS in compliance with 14 CFR 171.47 Performance Requirements, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.47</p>	
12.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal ILS navaid, has evidence of commissioning of the ILS in compliance with 14 CFR 171.49 Installation Requirements, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.49</p>	
13.	<p>Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.51(e).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(e)</p>	
14.	<p>Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 51(h).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.51(h)</p>	
15.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal SDF navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.103 in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.103</p>	

	<p>16. Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.115(f). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(f)</p> <p>17. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 115(i). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(i)</p> <p>18. Check at the air carrier specified location that the Certificate Holder who owns a non-federal DME navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.153 in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.153</p> <p>19. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 161(i). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(i)</p> <p>20. Check at the air carrier specified location that the Certificate Holder who owns a non-federal VHF MARKER BEACON navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.203 in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.203</p> <p>21. Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.211(d). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(d)</p> <p>22. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 211(f). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.211(f)</p> <p>23. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.255 in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.255</p> <p>24. Check at the geographic location by conducting a discussion with appropriate personnel that the owner shall close the facility upon receipt of two successive pilot reports of its malfunctioning in accordance with 14 CFR 171. 273(B). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(b)</p> <p>25. Check at the geographic location by conducting a discussion with appropriate personnel that the owner of an ISMLS or his representative shall participate in FAA inspections in accordance with 14 CFR 171.273(f). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(f)</p> <p>26. Check at the geographic location by conducting a discussion with appropriate personnel that whenever it is required by the FAA, the owner must incorporate improvements in ISMLS maintenance in accordance with 14 CFR 171.273(g)</p>	
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	<p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(g)</p> <p>27. Check at the air carrier specified location that the Certificate Holder who owns a non-federal MLS navaid and has requested an IFR procedure, has included in their request the elements required by 14 CFR 171.305 in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.305</p> <p>28. Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.325(f).</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(f)</p>	
3.	Were the Non-Federal NAVAIDS process controls followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
4	<p>Did the records for the Non-Federal NAVAIDS process comply with the instructions provided by the certificate holder?</p> <p><i>Related Performance JTIs:</i></p> <p>1. Check at the air carrier specified location that the Certificate Holder who owns a non-federal VOR navaid, and has requested an IFR procedure, has evidence of commissioning of the VOR in compliance with 14 CFR 171.5, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.5</p> <p>2. Check at the air carrier specified location that the Certificate Holder, who owns a non-federal VOR navaid, has evidence of commissioning of the VOR in compliance with 14 CFR 171.7 Performance Requirements, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.7</p> <p>3. Check at the air carrier specified location that the Certificate Holder who owns a non-federal VOR navaid, has evidence of commissioning of the VOR in compliance with 14 CFR 171.9 Installation Requirements, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.9</p> <p>4. Check at the geographic location that the Certificate Holder, who owns a non-federal VOR navaid, has the reports required by 14 CFR 171. 13, Report Requirements.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.13</p> <p>5. Check at the geographic location that the Certificate Holder, who owns a non-federal VOR navaid, has the reports required by 14 CFR 171. 33, Report Requirements.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.33</p> <p>6. Check at the geographic location that the Certificate Holder, who owns a non-federal ILS navaid, has the reports required by 14 CFR 171. 53, Report Requirements.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.53</p> <p>7. Check at the air carrier specified location that the Certificate Holder who owns a non-federal SDF navaid, and has requested an IFR procedure, has evidence of commissioning of the SDF in compliance with 14 CFR 171.105, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual.</p> <p><i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.105</p> <p>8. Check at the air carrier specified location that the Certificate Holder, who owns a non-federal SDF navaid, has evidence of commissioning of the</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

	<p>SDF in compliance with 14 CFR 171.109 Performance Requirements, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.109</p>	
9.	<p>Check at the air carrier specified location that the Certificate Holder, who owns a non-federal SDF navaid, has evidence of commissioning of the SDF in compliance with 14 CFR 171.111, Ground Standards and Tolerances, in accordance with the Certificate Holder's manual <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.111</p>	
10.	<p>Check at the air carrier specified location that the Certificate Holder, who owns a non-federal SDF navaid, has evidence of commissioning of the SDF in compliance with 14 CFR 171.113 Installation Requirements, in accordance with the Certificate Holder's manual <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.113</p>	
11.	<p>Check at the geographic location that Certificate Holder who owns a non-federal SDF navaid, has a record of FAA approved ground checks in accordance with 14 CFR 171.115(d). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.115(d)</p>	
12.	<p>Check at the geographic location that the Certificate Holder, who owns a non-federal SDF navaid, has the reports required by 14 CFR 171.117, Report Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.117</p>	
13.	<p>Check at the air carrier specified location that the Certificate Holder who owns a non-federal DME navaid, and has requested an IFR procedure, has evidence of commissioning of the DME in compliance with 14 CFR 171.155, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.155</p>	
14.	<p>Check at the air carrier specified location that the Certificate Holder, who owns a non-federal DME navaid, has evidence of commissioning of the DME in compliance with 14 CFR 171.157 Performance Requirements, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.157</p>	
15.	<p>Check at the air carrier specified location that the Certificate Holder, who owns a non-federal DME navaid, has evidence of commissioning of the DME in compliance with 14 CFR 171.159 Installation Requirements, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.159</p>	
16.	<p>Check at the geographic location by conducting a discussion with appropriate personnel that the owner or his representative shall participate in FAA inspections in accordance with 14 CFR 171.161(e). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.161(e)</p>	
17.	<p>Check at the geographic location that the Certificate Holder, who owns a non-federal DME navaid, has the reports required by 14 CFR 171.163, Report Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.163</p>	
18.	<p>Check at the air carrier specified location that the Certificate Holder that owns a non-federal VHF MARKER BEACON navaid, and has requested an IFR procedure, has evidence of the commissioning of the VHF MARKER BEACON in compliance with 14 CFR 171.205, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.205</p>	
19.	<p>Check at the air carrier specified location that the Certificate Holder, who</p>	

	<p>owns a non-federal VHF MARKER BEACON navaid, has evidence of commissioning of the VHF MARKER BEACON in compliance with 14 CFR 171.207 Performance Requirements, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.207</p> <p>20. Check at the air carrier specified location that the Certificate Holder who owns a non-federal VHF MARKER BEACON navaid, has evidence of commissioning of the VHF MARKER BEACON in compliance with 14 CFR 171.209 Installation Requirements, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.209</p> <p>21. Check at the geographic location that the Certificate Holder, who owns a non-federal VHF MARKER BEACON navaid, has the reports required by 14 CFR 171. 213, Report Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.213</p> <p>22. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.257, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.257</p> <p>23. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.259, General Performance Requirements <i>Sources:</i> 171.259</p> <p>24. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.261, Localizer Performance Requirements <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.261</p> <p>25. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.263, Localizer Automatic Monitor System <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.263</p> <p>26. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.265, Glide Path Performance Requirements <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.265</p> <p>27. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System</p>	
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	<p>(ISMLS) in compliance with 14 CFR 171.267, Glide Path Automatic Monitor System  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.267</p> <p>28. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, and has requested an IFR procedure, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.269, Marker Beacon Performance Requirements  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.269</p> <p>29. Check at the air carrier specified location that the Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has evidence of commissioning of the Interim Standard Microwave Landing System (ISMLS) in compliance with 14 CFR 171.271 Installation Requirements, in accordance with the Certificate Holder's manual.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.271</p> <p>30. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) that records of inspection of the ISMLS equipment to indicate that unsafe operating conditions do not exist.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(d)</p> <p>31. Check at the geographic location that Certificate Holder who owns a non-federal Interim Standard Microwave Landing System (ISMLS) has records of monitoring of the ISMLS radiated signal, in accordance with 14 CFR 171.273(m)  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.273(m)</p> <p>32. Check at the geographic location that the Certificate Holder, who owns a non-federal Interim Standard Microwave Landing System (ISMLS) navaid, has the reports required by 14 CFR 171.275, Report Requirements.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.275</p> <p>33. Check at the air carrier specified location that the Certificate Holder who owns a non-federal MLS navaid, and has requested an IFR procedure, has evidence of commissioning of the MLS in compliance with 14 CFR 171.307, Minimum Requirements for Approval, in accordance with the Certificate Holder's manual.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.307</p> <p>34. Check at the air carrier specified location that the Certificate Holder, who owns a non-federal MLS navaid, has evidence of commissioning of the MLS in compliance with 14 CFR 171.309 General Requirements, in accordance with the Certificate Holder's manual.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.309</p> <p>35. Check at the air carrier specified location that the Certificate Holder, who owns a non-federal MLS navaid, has evidence of commissioning of the MLS in compliance with 14 CFR 171.311, Signal Format Requirements, in accordance with the Certificate Holder's manual.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.311</p> <p>36. Check at the air carrier specified location that the Certificate Holder, who owns a non-federal MLS navaid, has evidence of commissioning of the MLS in compliance with 14 CFR 171.313 Azimuth Performance Requirements, in accordance with the Certificate Holder's manual.  <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.313</p>	
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	<p>37. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.315 Azimuth Monitor System Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.315</p> <p>38. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.3 17, Approach Elevation Performance Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.317</p> <p>39. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.3 19, Approach Elevation Monitor System Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.319</p> <p>40. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has evidence of an adequate maintenance system and qualified personnel to comply with 14 CFR 171.323, Fabrication and Installation Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.323</p> <p>41. Check at the geographic location that Certificate Holder who owns a non-federal MLS navaid, has records reflecting that inspections consist of an examination of the MLS equipment to ensure that unsafe operating conditions do not exist, in accordance with 14 CFR 171.325(i). <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.325(i)</p> <p>42. Check at the geographic location that Certificate Holder that owns a non-federal MLS navaid, is maintaining the operational records required 14 CFR 171.327 Operational Records Requirements. <i>Sources:</i> 121.135(a)(1); 121.135(b)(2); 171.327</p>	
5.	Were the process measurements for the Non-Federal NAVAIDS process effective in identifying problems or potential problems and providing corrective action for them?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain
6.	Did personnel properly handle the associated interfaces by complying with other written policies, procedures, instructions and information that are related to this element?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain

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

### EPI Section 2 - Management Responsibility & Authority Observables

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

#### Tasks

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

#### Questions

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

7.	Does the person with responsibility understand the controls, process measurements, and interfaces associated with the Non-Federal NAVAIDS process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
8.	Does the person with authority understand the controls, process measurements, and interfaces associated with the Non-Federal NAVAIDS process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
9.	Does the responsible person know who has authority to establish and modify the Non-Federal NAVAIDS process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change
10.	Does the individual with authority know who has the responsibility for the Non-Federal NAVAIDS process?	<input type="checkbox"/> Yes <input type="checkbox"/> No, Explain <input type="checkbox"/> No Change

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