

Student Name	Student ID	Course-Section

Term:	Date:	Assessment Type:
		Introductory [ ]      Developing [ ]      Mastery [ ]

## Aviation Maintenance - Inspection

The Aviation Maintenance student will demonstrate competency in performing proper inspections to discover discrepancies before they become major problems; paying attention to detail and following prescribed procedures and practices to ensure a complete and detailed inspection therefore keeping the aircraft and its passengers safe.

Activities	Beginning	Developing	Competent	Accomplished
<b>Assessment Measure</b>	<b>Collect all reference material necessary to complete an inspection on an aircraft or an installed engine. TCDS, AD, SB, SL and associated maintenance manuals will be followed.</b>			
	The student could locate these documents.	The student could use a computer to research documents needed for repair.	The student could isolate documents related to a particular aircraft or engine.	The student could organize documents in a clear and concise manner and prove applicability.
<b>Assessment Measure</b>	<b>Properly use inspection &amp; testing equipment, including a borescope to inspect an engine cylinder. Perform magnetic particle inspection, and use precision measuring equipment to perform dimensional checks.</b>			
	The student could explain the use of each piece and the basic operation of equipment.	The student could operate equipment with little assistance and correctly take measurements.	The student could operate all equipment independantly and take accurate measurements.	The student could operate equipment and precise measurements with no errors.
<b>Assessment Measure</b>	<b>Inspect the aircraft to an airworthy standard. Document any discrepancies in the appropriate log book and any parts needed will be correctly researched and placed on order. Documentation will comply with FAA regulations.</b>			
	The student could demonstrate inspection techniques.	The student could demonstrate inspection techniques to an airworthy standard.	The student could demonstrate accuracy of inspection and research data that meet FAA standards.	The student could demonstrate all items and documentation that meet FAA standards.

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 Instructor/Assessor