

# AVIATION AUSTRALIA Extended Diversion Time Operations (EDTO) Part 145 Training

*The largest CASR and EASA Part 147 approved Maintenance Training Organisation in Australia.*

COURSE OUTLINE



<b>RTO/MTO Aviation Australia</b>	<b>Name</b>	Aviation Australia Pty Ltd	<b>RTO number CASR Part 147 EASA Part 147</b>	30770 CASA.147MTO.0025 EASA.147.0012
<b>Course Details</b>	<b>Code</b>	(AA-31)		
	<b>Title</b>	Part 145 Extended Diversion Time Operations (EDTO)		
<b>Purpose of Course</b>	<p>The purpose of this course is to provide an overview of the requirements of Extended Diversion Time Operations to qualified aviation maintenance personnel.</p> <p>EDTO training for maintenance staff is a requirement of any EDTO approvals, granted by CASA. Training is designed to make staff aware of EDTO maintenance program requirements and procedures.</p>			
<b>Target Groups</b>	Licensed employees in the aviation industry who are performing aircraft maintenance-related activities within the CASA regulatory system.			
<b>Regulatory requirements/ Packaging Rules</b>	This course was developed IAW Part 42 Manual of Standards Chapter 2 and Chapter 3, which outlines the basic requirements for EDTO maintenance and a reliability program, and is further defined in CAO 82.0 Appendix 4 and Appendix 5.			
<b>Training and Assessment</b>	The EDTO training is online training that is delivered and assessed using Aviation Australia's learning management system called Dynamic Online Training System (DOTS).			
<b>Course length</b>	Approximately 8 hours, self-paced			
<b>Course Costing</b>	\$120			
<b>Outcome</b>	Part 145 - Certificate of Completion			



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## Annex A Course Syllabus

<p style="text-align: center;"><b>Topic 1</b></p>	<p><b>Introduction to EDTO</b></p>
	<ul style="list-style-type: none"> <li>• Describe the origin and history of Extended Diversion Time Operations (EDTO).</li> <li>• Explain why aircraft were initially not allowed to proceed further than 60 minutes from an adequate aerodrome.</li> <li>• Identify the improvements that allowed aircraft to proceed more than 60 minutes from an adequate aerodrome and regulatory approval.</li> <li>• Identify aircraft / engine combinations which are authorised for EDTO.</li> <li>• Describe the procedures established to maintain configuration standards governing modifications and EDTO parts control.</li> </ul>
<p style="text-align: center;"><b>Topic 2</b></p>	<p><b>Dispatch Configuration &amp; Maintenance Requirements</b></p>
	<ul style="list-style-type: none"> <li>• Describe the Dispatch Deviation Guide (DDG) with reference to EDTO capability.</li> <li>• Describe the operator's centralised maintenance activities through their maintenance support / maintenance watch department.</li> <li>• Describe the operator's procedure of up-grading and down-grading of aircraft EDTO status.</li> </ul>
<p style="text-align: center;"><b>Topic 3</b></p>	<p><b>Pre Departure Check</b></p>
	<ul style="list-style-type: none"> <li>• Identify personnel who may perform an EDTO Pre-Departure check.</li> <li>• State the certification requirements applicable to EDTO Pre-Departure Checks.</li> <li>• Describe the contents of the EDTO Pre-Departure check.</li> <li>• Describe the requirements of the Daily and EDTO Pre-Departure checks with regards to cargo fire suppression.</li> <li>• State the requirements for an EDTO Pre-Departure check when an aircraft has diverted for maintenance or non-maintenance reasons.</li> </ul>
<p style="text-align: center;"><b>Topic 4</b></p>	<p><b>EDTO Significant Systems</b></p>
	<ul style="list-style-type: none"> <li>• Define EDTO Significant Systems.</li> <li>• State the EDTO Significant Systems.</li> </ul>
<p style="text-align: center;"><b>Topic 5</b></p>	<p><b>Reliability Monitoring Programs</b></p>
	<ul style="list-style-type: none"> <li>• EDTO Reliability Program Describe the EDTO Reliability Program and reporting requirements.</li> <li>• Oil Consumption Monitoring Describe the general requirements of the oil consumption monitoring program. State the procedures and data collection requirements of the oil consumption monitoring program. State the dispatch or corrective actions required prior to EDTO flight with regard to oil consumption.</li> <li>• Engine Conditioning Monitoring Describe the Engine Condition Monitoring Program. Describe Propulsion System Monitoring.</li> </ul>

<b>Topic 6</b>	<b>Maintenance Operating Restrictions</b>
	<ul style="list-style-type: none"> <li>• Explain procedures associated with multiple identical system maintenance.</li> </ul>
<b>Topic 7</b>	<b>Resolution of Aircraft Defects</b>
	<ul style="list-style-type: none"> <li>• Describe the requirements for verification of maintenance actions prior to subsequent EDTO operation.</li> <li>• Describe the procedure for determination of the need for Inflight Verification.</li> <li>• Define a Verification Flight.</li> <li>• State the Verification Flight procedures.</li> </ul>
<b>Topic 8</b>	<b>Training Program</b>
	<ul style="list-style-type: none"> <li>• Describe the basic requirements of an EDTO training program.</li> </ul>



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