



**IALTA** International Aviation  
Lease Training Association

## **Aircraft Maintenance Planning - Last Done, Next Due**

The Aircraft Maintenance Planning - Last Done, Next Due (LDND) course is designed to provide a comprehensive understanding of aircraft maintenance planning, with a focus on the creation, review, and management of Aircraft Maintenance Programs (AMPs).

The course covers the transition from traditional maintenance practices to modern strategies, emphasizing the crucial role of the AMP and the shift towards task-based maintenance intervals.

The course also covers the LDND concept, a critical tool in aircraft maintenance planning. The LDND is a dynamic record that lists all maintenance tasks applicable to an aircraft, along with their last completion date and the next due date.

The course also discusses the concept of phased or block maintenance, where maintenance tasks are grouped into packages and carried out at set intervals.

The course compares and contrasts this approach with the more modern approach of equalised maintenance, where maintenance tasks are distributed across frequent checks, rather than being grouped into heavy maintenance checks.

Finally, the course provides a summary explanation of the MPD, its role in maintenance planning, and how it is used to create the AMP.

The course also discusses the various support documents that are used in maintenance planning, such as component maintenance manuals (CMMs), service bulletins (SBs), airworthiness directives (ADs), modifications, and supplemental type certificates (STCs).



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# Aircraft Maintenance Planning - Last Done, Next Due

## **Introduction to LDND - Last Done Next Due and its intention**

This module introduces the concept of LDND and its importance in aircraft maintenance planning.

## **What is Short- & Long-Term Planning**

This module covers the difference between short-term and long-term planning in aircraft maintenance.

## **LDND Data Sources**

This module covers the different data sources that are used to create and maintain an LDND, including the AMP, maintenance records, and component maintenance manuals.

## **Building your LDND**

This module covers the process of building an LDND from scratch, including how to identify maintenance tasks, determine their intervals, and calculate their due dates.

## **Updating the LDND**

This module covers the process of updating an LDND, including how to incorporate new maintenance tasks, update intervals, and reschedule tasks as needed.

## **Interrogating the LDND**

This module covers the process of interrogating an LDND to extract information, such as the next due tasks, the remaining time until tasks are due, and the status of components.

## **Managing your maintenance plan**

This module covers the process of managing a maintenance plan, including how to schedule maintenance tasks, allocate resources, and track progress. Determine approved MRO options, consider scope of approval, considerations for intervals, thresholds, and how we deal with managing changes, new tasks, customised equipment and more.

**Our aim is to set the standard for the training in the areas of aircraft management and operation from the continued airworthiness management perspective. Your certificate will become your “license” to operate within this growing marketplace and demonstrate your knowledge with our training standards becoming a preferred option as we expand and operate as outsourced training partners with airlines and CAMO teams alike.**

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