



## m/airborne --- documentation

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## manage/m<sup>®</sup>

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Technical Operations WebSuite

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## 1 Introduction

### 1.1 Processes in m/airborne

The module m/airborne is the tool to enter, monitor and store the information pertaining to the flight data (flight hours and cycles) of an operator's fleet and make the data available to all parties involved in the technical operations.

### 1.2 Technical information

#### Web browser requirements:

To retrieve engineering reports via web, your PC should be equipped with an IE 4.0 or higher.

#### PDF-Reader:

We suggest the Adobe Acrobat Reader 4.0 or higher.

### 1.3 Contact

Name: Team  
Dept.: HAM TI-SLO  
Phone: +49 40/5070-2912  
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## 2 Access to m/airborne

### 2.1 Internet Login

#### 2.1.1 Via manage/m<sup>®</sup> WebSuite

m/airborne is invoked by the Lufthansa Technik manage/m<sup>®</sup> WebSuite. Open the WebSuite by using the following link :

[www.manage-m.com](http://www.manage-m.com)

For details please look at: [How to use the WebSuite](#)

#### 2.1.2 Via direct link

For direct access to m/airborne, please use the following link:

[www.manage-m.com/m/airborne](http://www.manage-m.com/m/airborne)

### 2.2 Intranet Login

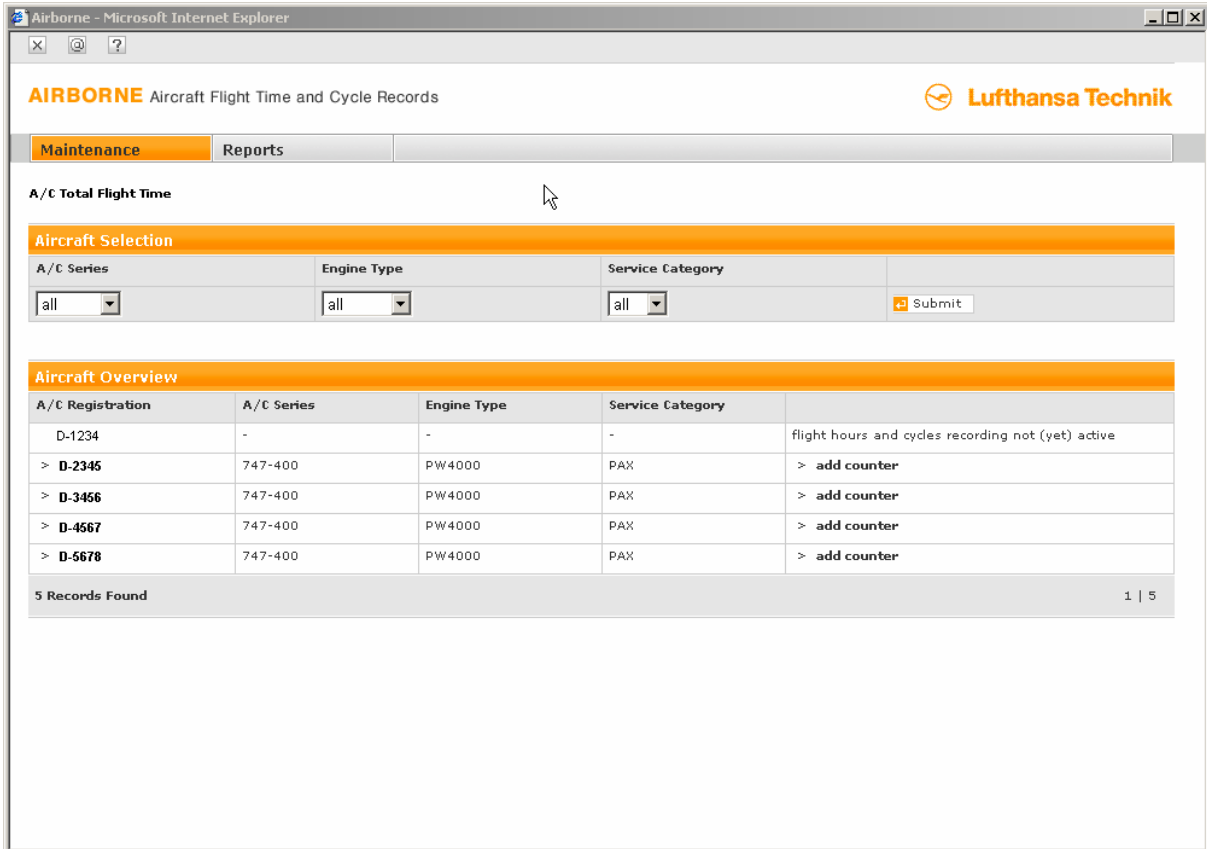
To access m/airborne via Intranet, please use the following address :

<http://lww.manage-m.lht.ham.dlh.de>

For details please look at: [How to use the WebSuite](#)

### 3 Main screens in m/airborne

After logging in you'll see the following screen:



The screenshot shows the 'AIRBORNE Aircraft Flight Time and Cycle Records' interface. It features a navigation bar with 'Maintenance' and 'Reports' tabs. Below the navigation bar, there is a section for 'A/C Total Flight Time' with an 'Aircraft Selection' form containing dropdown menus for 'A/C Series', 'Engine Type', and 'Service Category', all set to 'all', and a 'Submit' button. Below the form is an 'Aircraft Overview' table with columns for 'A/C Registration', 'A/C Series', 'Engine Type', 'Service Category', and a fifth column for flight hours and cycles recording status. The table lists five aircraft records, with the first one (D-1234) having no data and the others having specific series, engine types, and service categories. The last column for the first four records contains '> add counter' links. At the bottom of the table, it indicates '5 Records Found' and '1 | 5'.


A/C Registration	A/C Series	Engine Type	Service Category	
D-1234	-	-	-	flight hours and cycles recording not (yet) active
> <b>D-2345</b>	747-400	PW4000	PAX	> <b>add counter</b>
> <b>D-3456</b>	747-400	PW4000	PAX	> <b>add counter</b>
> <b>D-4567</b>	747-400	PW4000	PAX	> <b>add counter</b>
> <b>D-5678</b>	747-400	PW4000	PAX	> <b>add counter</b>

m/airborne starts within the maintenance section. You have an overview of your entire fleet. The aircraft known by LHT are listed in alphabetical order of the tail sign. If you are operating more than 10 aircraft, there will be arrows in the bottom right corner for scrolling up and down the list.

As you can see, some of the aircraft tail signs are written in bold letters and some are not. For those not written in bold letters, our backend system is not (yet) set up for flight hours recording – maybe these aircraft are firm orders or not contracted with LHT.

For the tail signs written in bold letters you may now add flight hours by clicking "add counter.":

Airborne - Microsoft Internet Explorer

**AIRBORNE** Aircraft Flight Time and Cycle Records  **Lufthansa Technik**

**Maintenance** Reports

**ADD A/C Counter**

**Aircraft Information**

A/C Series	Engine Type	A/C Registration
747-400	PW4000	D-2345

**Aircraft Counter**

	Total Fhrs:Min	Total Cycles	Values At End Of
Last Values	45490:55	5612	08.NOV.2005
New Values	<input type="text" value="45535"/> : <input type="text" value="12"/>	<input type="text" value="5627"/>	<input type="text" value="15"/> <input type="text" value="NOV"/> <input type="text" value="2005"/>

Within the appearing screen, you can see the latest values that have been entered for the selected aircraft. These values are the default values in the entry fields of the **New Values** line, so that you only have to edit a few digits.

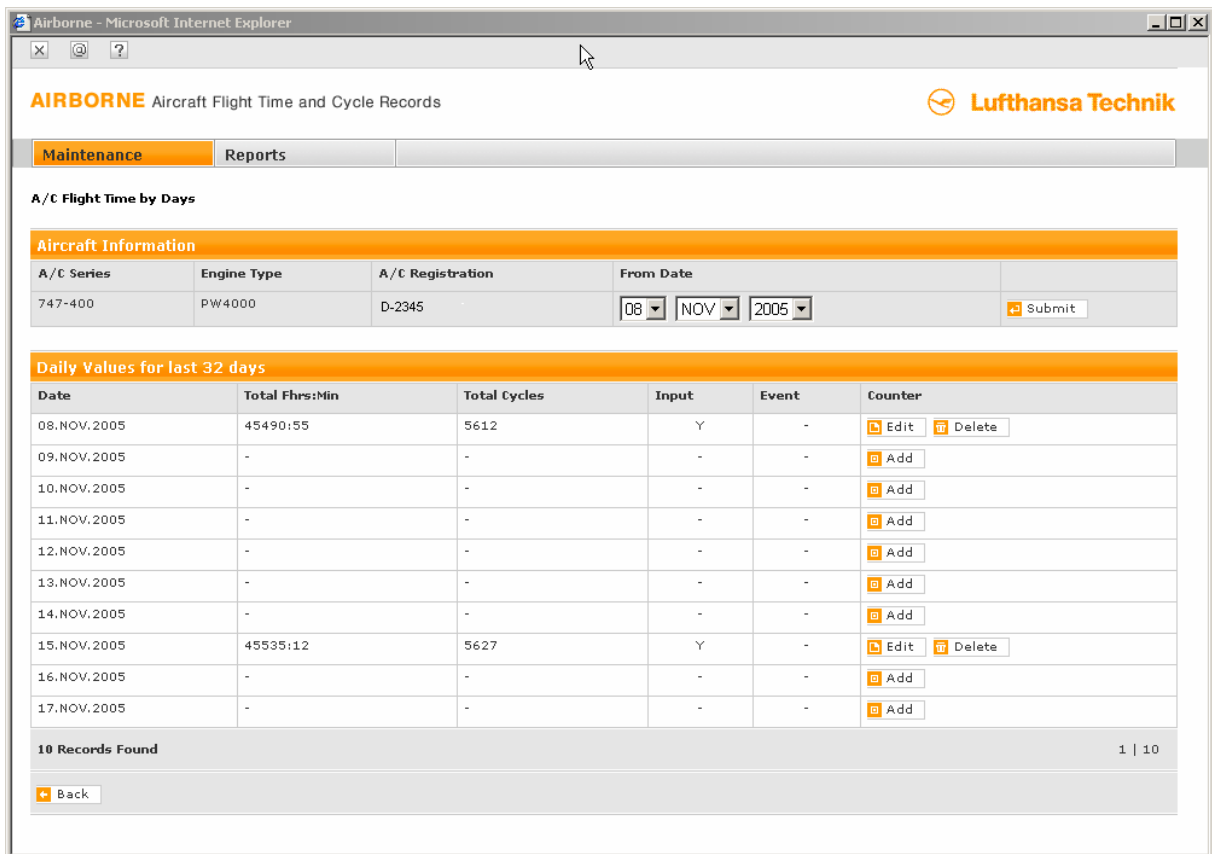
Flight hours are expected as Totals Since New (TSN) in the format hours and minutes in separate fields. Cycles are expected as Cycles Since New (CSN). Both values should represent the values at 23:59 o'clock of the reporting day ("Values At End Of").

After editing the values you need to click the **Submit** button on the right side of the screen. m/airborne commits your transaction by showing the following message in the middle of the screen:

**1083 TOTAL-MESSAGE WAS SUCCESSFULLY ADDED.**

Thereafter, you may click back to come back to the aircraft overview.

Within the aircraft overview, you may also click on a tail sign (written in bold letters) to verify your input:



The screenshot shows a web browser window titled "Airborne - Microsoft Internet Explorer". The page header includes "AIRBORNE Aircraft Flight Time and Cycle Records" and the "Lufthansa Technik" logo. Below the header, there are tabs for "Maintenance" and "Reports". The main content area is titled "A/C Flight Time by Days" and contains an "Aircraft Information" section with a form for A/C Series (747-400), Engine Type (PW4000), A/C Registration (D-2345), and From Date (08 NOV 2005). Below this is a table titled "Daily Values for last 32 days" with columns for Date, Total Fhrs:Min, Total Cycles, Input, Event, and Counter. The table shows data for dates from 08.NOV.2005 to 17.NOV.2005. At the bottom, it indicates "10 Records Found" and a "Back" button.

Aircraft Information					
A/C Series	Engine Type	A/C Registration	From Date		
747-400	PW4000	D-2345	08	NOV	2005

Daily Values for last 32 days					
Date	Total Fhrs:Min	Total Cycles	Input	Event	Counter
08.NOV.2005	45490:55	5612	Y	-	Edit Delete
09.NOV.2005	-	-	-	-	Add
10.NOV.2005	-	-	-	-	Add
11.NOV.2005	-	-	-	-	Add
12.NOV.2005	-	-	-	-	Add
13.NOV.2005	-	-	-	-	Add
14.NOV.2005	-	-	-	-	Add
15.NOV.2005	45535:12	5627	Y	-	Edit Delete
16.NOV.2005	-	-	-	-	Add
17.NOV.2005	-	-	-	-	Add

From here, you may add, edit, or delete the counters for the last days.

Within the reports section you may create and download current and ultimo reports for your entire fleet – just try it out.

This document has described the very first steps in m/airborne, and with the information you have, the process of flight hours reporting on a regular basis should be possible.