

AIRBUS

airnaveo



Online & Collaborative Multi Media Platform for Aircraft Maintenance

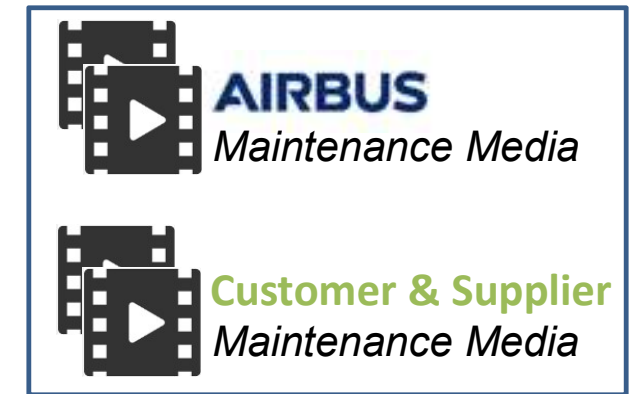
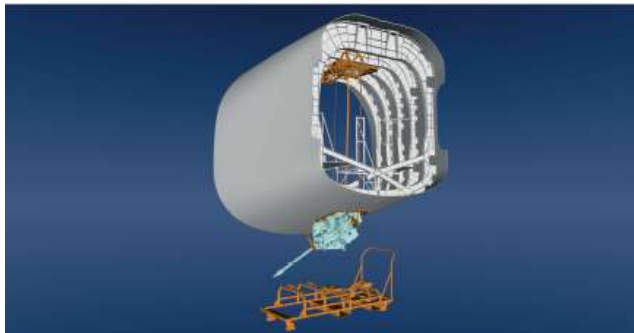
Stephan BRANDT – Product Leader NTM (SEDS15)

airnaveo

Online & Collaborative Multi Media Platform for Aircraft Maintenance

airnaveo is an upcoming platform dedicated to Airbus Customers, maintenance organizations and equipment suppliers, enabling everyone to share valuable smart media contents and tutorials (videos, 3D Animations, pictures) to optimize your maintenance experience.

- The contents will be moderated by Airbus to make sure that videos & animations are compliant with Airbus standards.
- The platform will be linked to **airnav^x (on-line)** and you will be able to go back and forth between the two tools.



 **airnaveo**

Airbus

airnaveo

Access & Interconnectivity

- ✓ Direct access from Airbus-World.
- ✓ Directly linked with *airnav*^x
 - ❖ Interconnectivity between document and video.

The screenshot displays the Airbus airnaveo interface. At the top, a video player shows a 3D cutaway of an aircraft's internal structure, specifically the area around the isolation valve. Below the video player, a section titled "Get Access to the Isolation Valve (below 151RJF)" contains a table with related tasks. The table has columns for "Airbus", "Date", "Aircraft", "Related tasks", "ATA 6 digits", and "FIN". The first row shows "Airbus", "31-Oct-2018", "A380", and a task ID "21-23-00-040-802-A" which is circled in red. Below this, the "ATA 6 digits" column shows "212300" and the "FIN" column shows "300HU1" and "300HU2".

The bottom part of the screenshot shows the "AIRBUS | airnav^x" interface. It features a search bar with the text "21-23-00-040-802-A" and a search button. Below the search bar, a list of results is shown, each starting with "AMM 21-23-00-040-802-A - Deactivation of the IFE Cross-Duct Isolation-Valve". The first result is highlighted. To the right of the search results, a detailed view of the task is shown, including a video player with a play button icon circled in red. The task details include the title "ON A/C FSN 001-050", the task description "Deactivation of the IFE Cross-Duct Isolation-Valve", and a list of steps: "1. Reason for the Job", "2. Job Set-up Information", and "3. Job Set-up".

airnaveo


🏠 AIRBUS | airnavéo
🔍

Aircraft Types

A380

Aircraft Series

380-800



🏠

📏

📦

📦

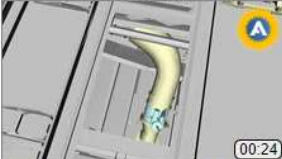
📦

📦

📦

Valve

Get Access to the Isolation Valve (below 131QMF)




Airbus 31-Oct-2018

TAGS

ATA 6 digits 212300

Get Access to the Isolation Valve (below 151RJF)




Airbus 31-Oct-2018

TAGS

ATA 6 digits 212300

Removal of the Outflow Valve




Airbus 31-Oct-2018

TAGS

ATA 6 digits 213151

Installation of the Outflow Valve

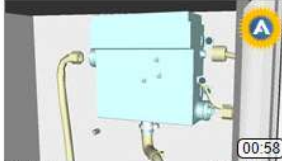


Airbus 31-Oct-2018

TAGS

ATA 6 digits 213151

Removal of the Water Valve Assembly

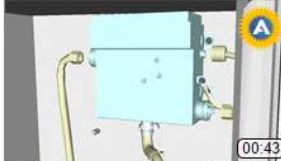


Airbus 31-Oct-2018

TAGS

ATA 6 digits 217252

Installation of the Water Valve Assembly




Airbus 31-Oct-2018


TAGS

ATA 6 digits 217252


Actuator - Heat Exchanger Valve - Location and Detail



Actuator - Heat Exchanger Valve - Location and Detail



Removal of the Fan Air-Valve Actuator



Airbus

airnaveo



airnaveo demo



Example of possible damage (Animation of Honeycomb core damage)

The aim of the NTM is to present possible damages, instrument adjustment and scan paths of probes or search units in difficult areas.

Airbus

airnaveo

Entry into service

Airnaveo version 1 is scheduled to be released by end of 2019.

The scope of the first version is to give access to all Airbus 3D animations and to ensure the interactivity with **airnav^x**.

The focus of the next version will be on the video content scope and collaborative aspect of the platform.

A screenshot of the airnaveo web interface. The top navigation bar includes the Airbus logo and the airnaveo name. A search bar contains the text "sharklet removal". The main content area displays a 3D animation of a sharklet being removed from an aircraft wing. On the left, a sidebar shows a list of related tasks, including "Removal of the Sharklet" and "Installation of the Sharklet". The bottom right panel provides detailed information for the selected task, including a description, ATA 6 digits, GSE codes, and maintenance zones.

Removal of the Sharklet	
Airbus	07-Nov-2018
A320	
ATA 6 digits	573123
GSE	98D271040050001 98D278035000001 98D57004048000 98D57304001000 98D57304002000 98D57304003000 98D57304004000
Maintenance zones	560 660

Airbus

airnaveo



Thank you for your attention

