



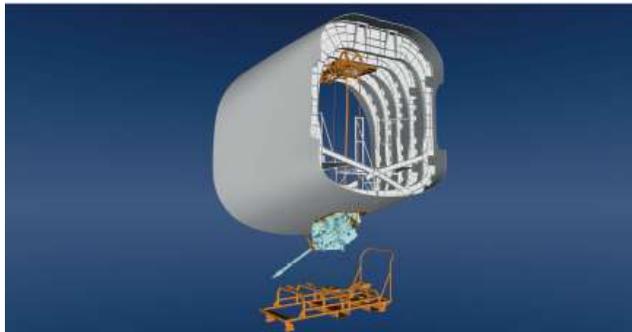
Online & Collaborative Multi Media Platform for Aircraft Maintenance

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 airnaveo interface. At the top, a video player shows a 3D cutaway of an aircraft's internal structure, with a yellow highlight on a specific component. Below the video player, a navigation bar contains the title "Get Access to the Isolation Valve (below 151RJF)" and a list of related tasks. The task list includes "ATA 6 digits" with the value "212300" and "FIN" with values "300HU1" and "300HU2". A red circle highlights the task ID "21-23-00-040-802-A" in the task list. Below the navigation bar, the main content area shows a search bar with the query "21-23-00-040-802-A" and a list of search results. The first result is highlighted in yellow and contains the task ID "21-23-00-040-802-A" and the title "Deactivation of the IFE Cross-Duct Isolation-Valve". A red circle highlights a play button icon in the top right corner of the search results panel. A red arrow points from the highlighted task ID in the task list to the highlighted play button icon.

Airbus

airnaveo

3D Zoning Search

The screenshot displays the airnaveo 3D Zoning Search interface. On the left is a sidebar with the following elements:

- Header: AIRBUS | airnaveo
- Section: Aircraft Types
- Filter: A380 (with a close button)
- Section: Aircraft Series
- Filter: 380-800 (with a close button)
- Image: A blue wireframe 3D model of an Airbus A380 aircraft.
- Footer: V 1.1.01.0 © Copyright Airbus

The main content area features a search bar with the text "Valve" and a magnifying glass icon. Below the search bar is a grid of video thumbnails, each representing a maintenance task:

- Get Access to the Isolation Valve (below 131QMF)**: Video duration 00:24. ATA 6 digits: 212300.
- Get Access to the Isolation Valve (below 151RJF)**: Video duration 00:20. ATA 6 digits: 212300.
- Removal of the Outflow Valve**: Video duration 00:57. ATA 6 digits: 213151.
- Installation of the Outflow Valve**: Video duration 00:58. ATA 6 digits: 213151.
- Removal of the Water Valve Assembly**: Video duration 00:58. ATA 6 digits: 217252.
- Installation of the Water Valve Assembly**: Video duration 00:43. ATA 6 digits: 217252.
- Actuator - Heat Exchanger Valve - Location and Detail**: Video duration 00:58. ATA 6 digits: 217252.
- Actuator - Heat Exchanger Valve - Location and Detail**: Video duration 00:58. ATA 6 digits: 217252.
- Removal of the Fan Air-Valve Actuator**: Video duration 00:58. ATA 6 digits: 217252.

Each thumbnail includes a yellow play button icon, the Airbus logo, the date 31-Oct-2018, and a TAGS icon.

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. At the top, there is a search bar with the text 'sharklet removal' and a magnifying glass icon. Below the search bar, there are two video thumbnails. The first thumbnail is titled 'Removal of the Sharklet' and shows a 3D model of a sharklet being lifted by a crane. The second thumbnail is titled 'Installation of the Sharklet' and shows a similar 3D model. The main content area on the right features a large 3D model of a sharklet being lifted by a crane. Below the 3D model, there is a detailed view of the 'Removal of the Sharklet' task. This view includes a table with related tasks and their descriptions, ATA 6 digits, and GSE (Ground Support Equipment) information. The table has columns for 'Related tasks', 'Description', 'ATA 6 digits', and 'GSE'. The 'ATA 6 digits' column contains the value '573123'. The 'GSE' column contains a grid of equipment codes: [98D27104005000, 98D27803500001, 98D57004048000, 98D57304001000, 98D57304001001, 98D57304002000, 98D57304003000, 98D57304004000]. The 'Maintenance zones' column contains the values '560' and '660'.

Related tasks	Description	ATA 6 digits	GSE	Maintenance zones
57-31-23-000-801-A	use of the GSE tool	573123	[98D27104005000, 98D27803500001, 98D57004048000, 98D57304001000, 98D57304001001, 98D57304002000, 98D57304003000, 98D57304004000]	560, 660

Airbus

airnaveo



Thank you for your attention

