Engineering Drawings
Tutorial
Dec 2009

- They are made of:
  - Mechanical Drawings reflecting the original aircraft configuration at delivery for the customer fleet. They do not reflect the changes made to the aircraft post delivery by SB or Customer Originated Change (COC)
  - Tool Equipment Drawings as identified in the TEI/TEM index
  - Repair Drawings
  - The mechanical drawing set is divided into aircraft families:
  - Wide body (starting with letter A and B):A300/A310/A300-600
  - Single Aisle (starting with letter D and E):A318/A319/A320/A321
  - Long Range (starting with letter F and G):A330/A340
- A Mechanical drawing set is made of 3 documents, all bearing the same drawing number
  - The picture, showing the graphic data
  - The schedule (or detail Parts List)
  - The Parts Usage that provides for each part number its next higher assembly (NHA) and corresponding aircraft effectivities
- Engineering Drawings Access
  - The access filter for engineering drawings is the production aircraft effectivity
  - Should the drawing you require not be originally validated on your aircraft, your access to such drawing will be denied

**NEXT** 

#### Workstation Configuration

- For efficient use of Engineering Drawings some configuration is mandatory
  - Standard mandatory settings required by AirbusWorld
  - Screen resolution 1024x768
  - TIFF viewer for graphic display (ISOVIEW recommended or PRIZM)
  - Acrobat reader 6.0 or more for Parts List and Parts Usage

#### Engineering Drawings Functionalities

- Capabilities to search with a partial number followed by "\*"
- "Top Down" navigation by using Parts List
- "Bottom Up" navigation by using Parts Usage
- Convenient print function allowing to print drawing set (graphic, Parts List and Parts Usage)
- Download of full drawing set package
- RFI (Request For Information)
- DNI (Drawing Numerical Index)

During this guided tour you will become familiar with:

#### -Tutorial part 1

- The interface layout
- Direct access/open searches
- Top Down navigation using Parts List

#### -Tutorial part 2

- Bottom Up navigation using Parts Usage
- Important functions such as:
  - Full Screen
  - DNI
  - RFI
  - Print
  - Download

#### PLEASE READ CAREFULLY INFORMATION BELOW

- The following slides give you an overview of the navigation through Engineering Drawings
  - For a better understanding please note that you will get two kinds of "callout"

The yellow one page which provides information and tips

- At any time, links available are shown with your mouse changing from "arrow" to a "hand". In such case click within the area.

**NEXT** 

- If you want to quit ,depress "ESCAPE" at any time
- At any time "Restart" brings you back to the Engineering Drawings home page.
- Each layout presented through this demo is an exact copy of the "on line service". If your workstation complies with the AirbusWorld requirements you should be able to recreate the same navigation on your PC.

- Access on AirbusWorld portal
  - The service is accessible on AirbusWorld from:
    - The Maintenance and Engineering Community Perform Engineering activities process Follow-up Technical
       Information page
    - The On-line service map
    - My on-line services

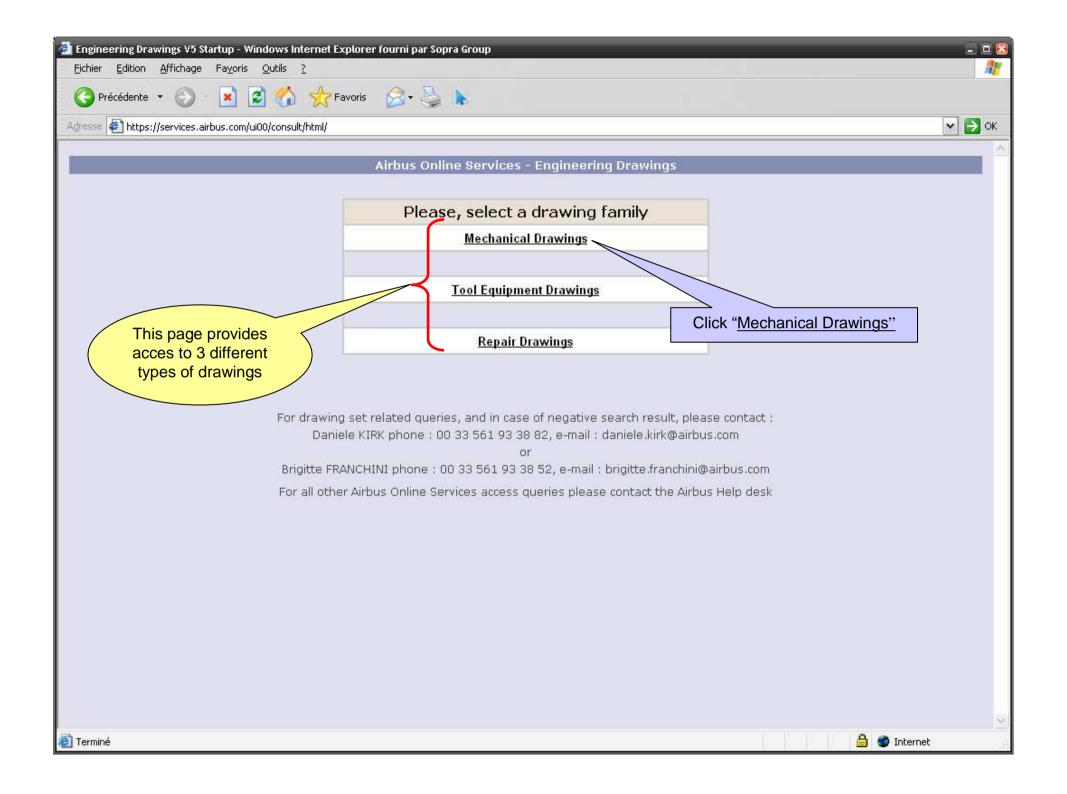


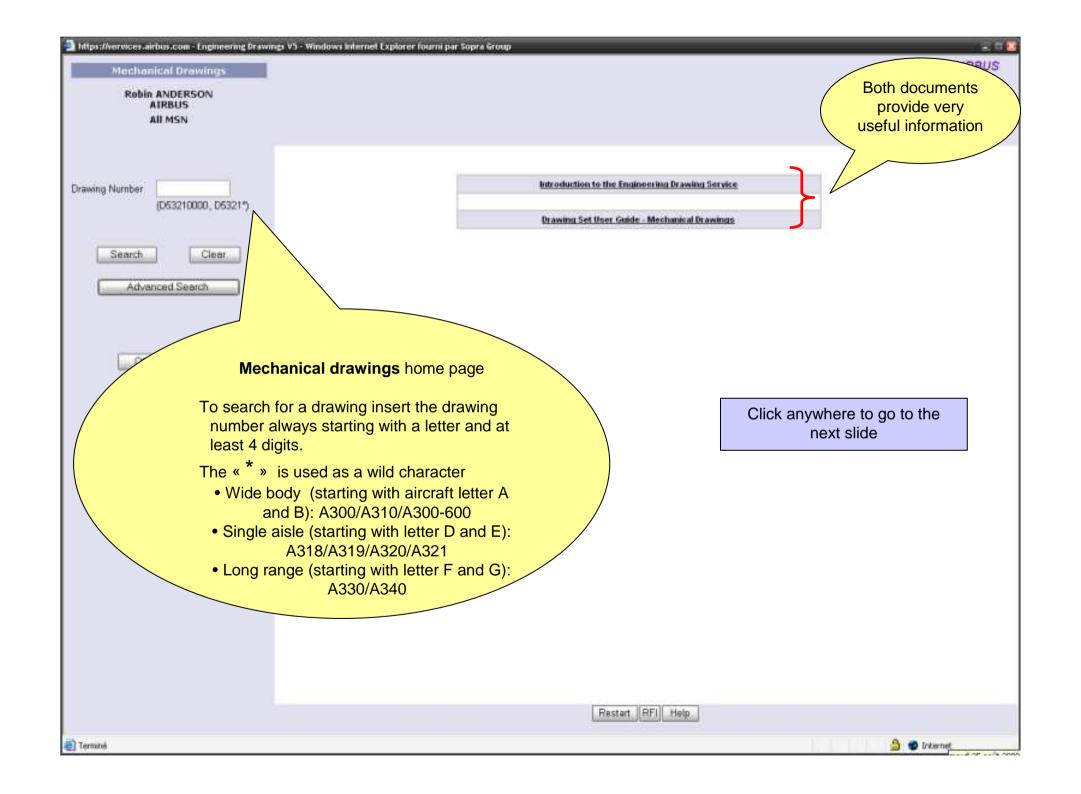


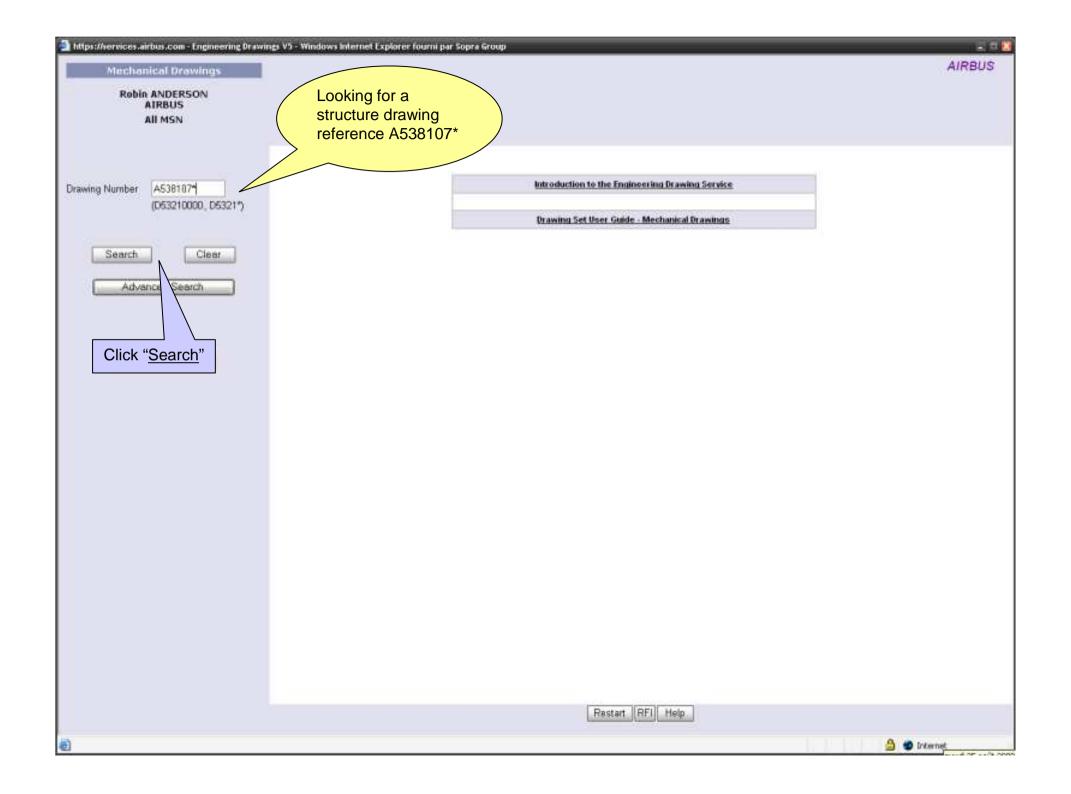
- Access on AirbusWorld portal
  - A service card describing Engineering Drawings service is accessible on AirbusWorld from "On-line service map"

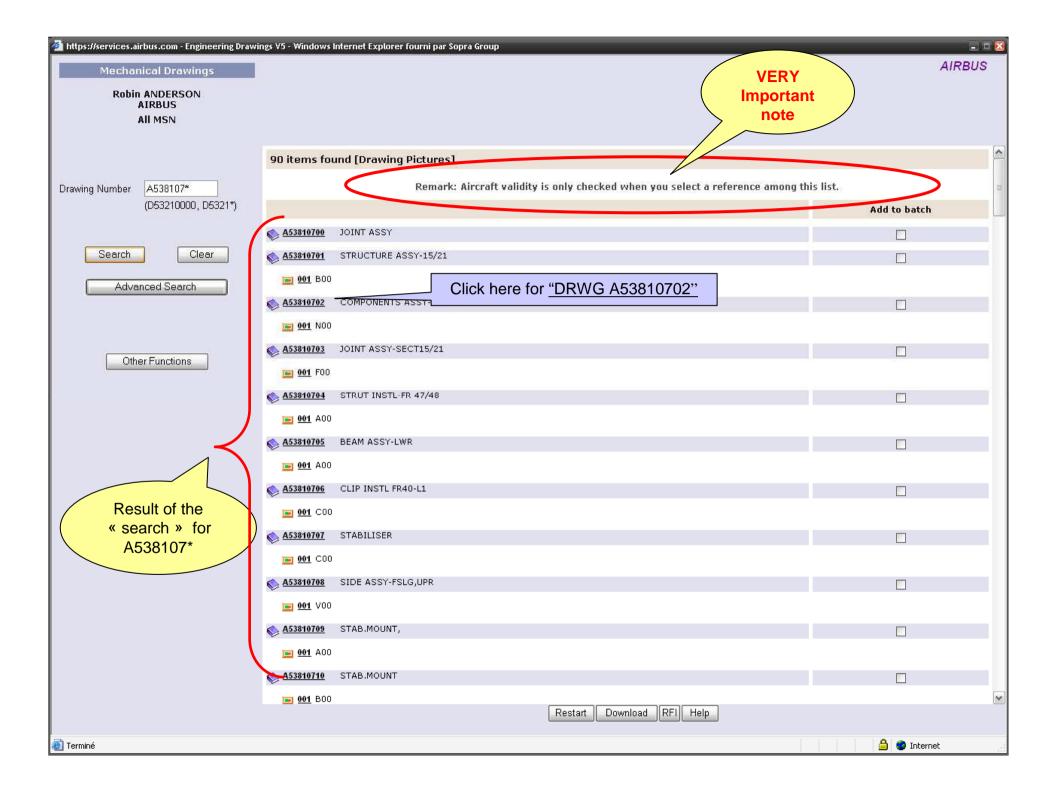


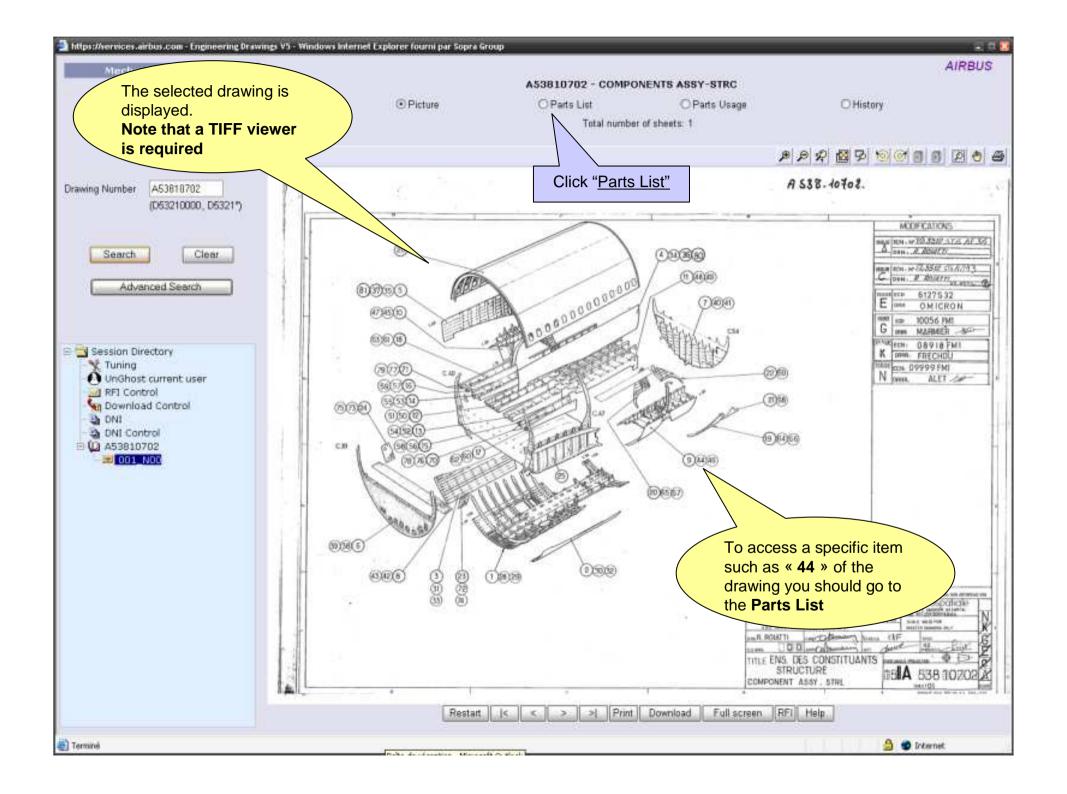
**NEXT** 

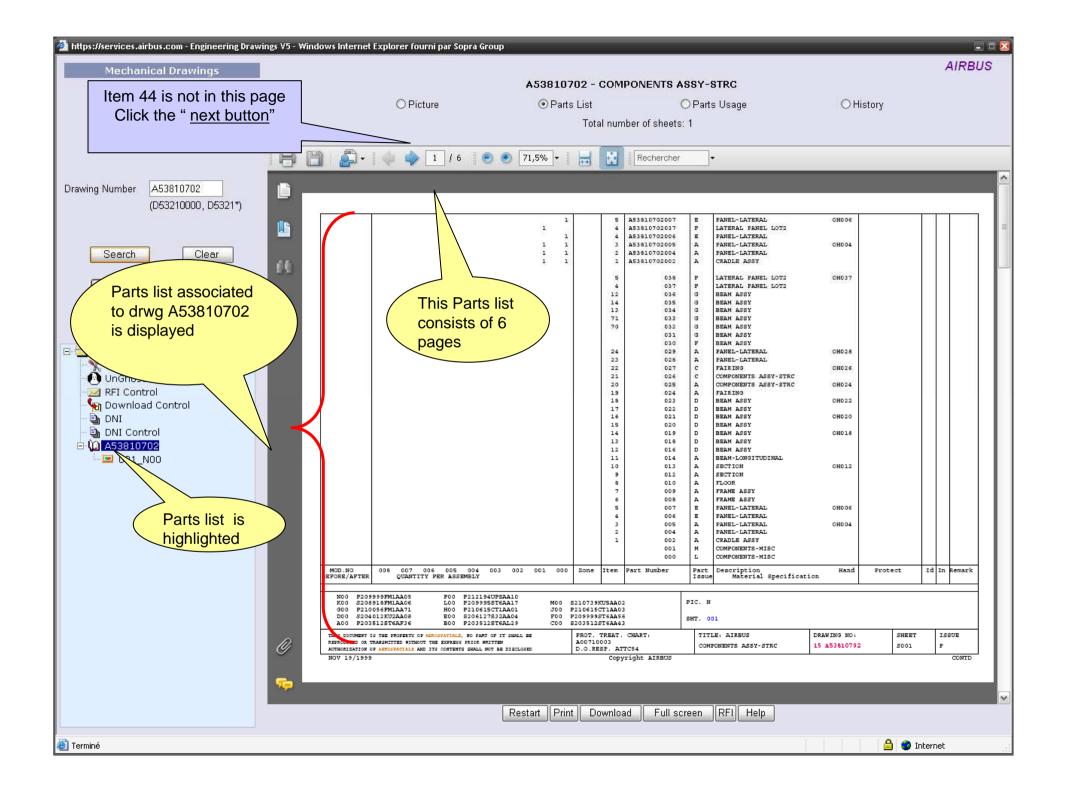


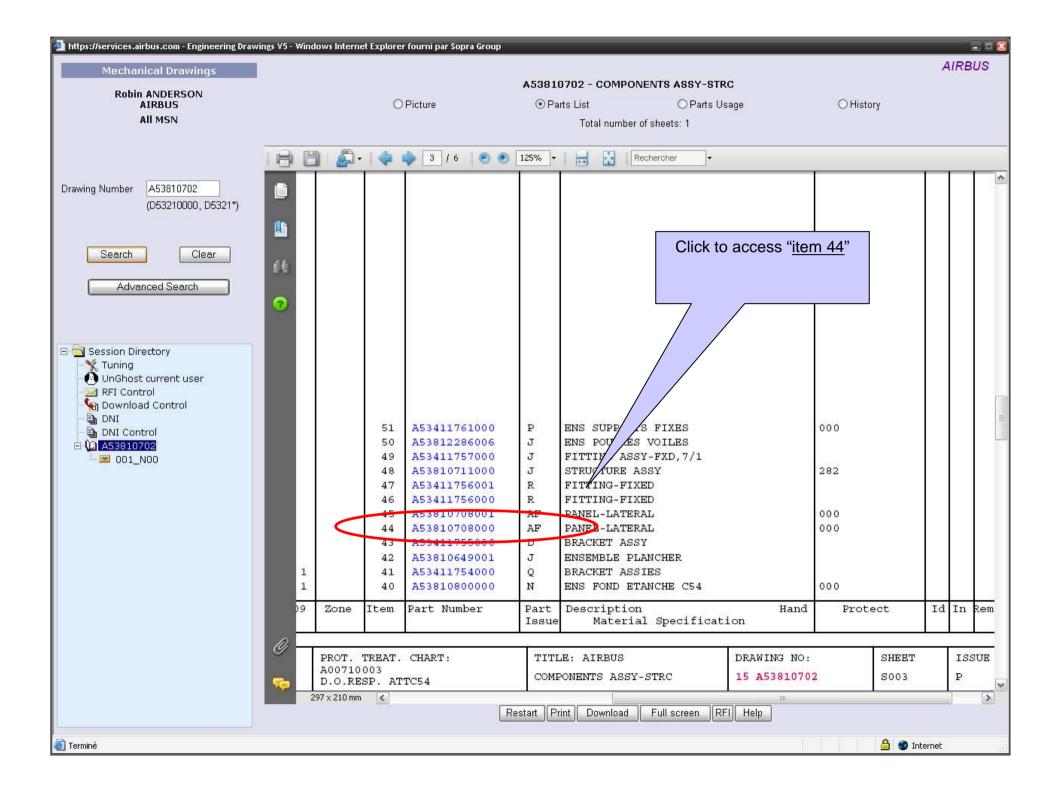


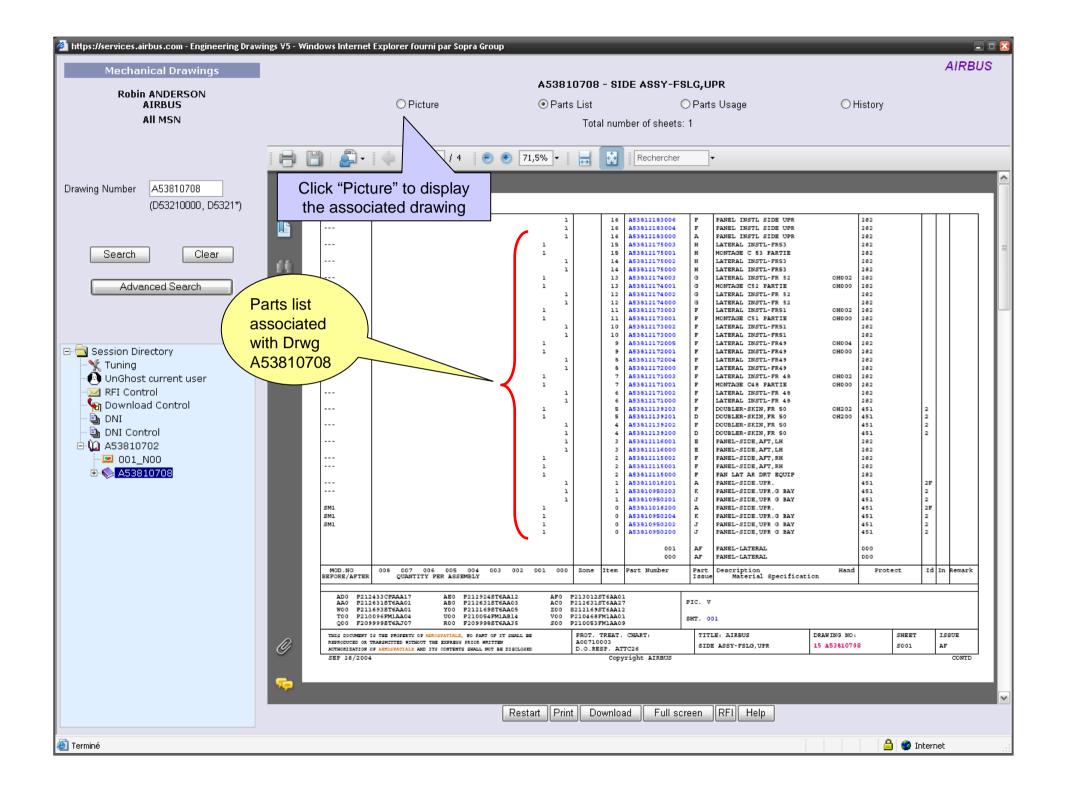


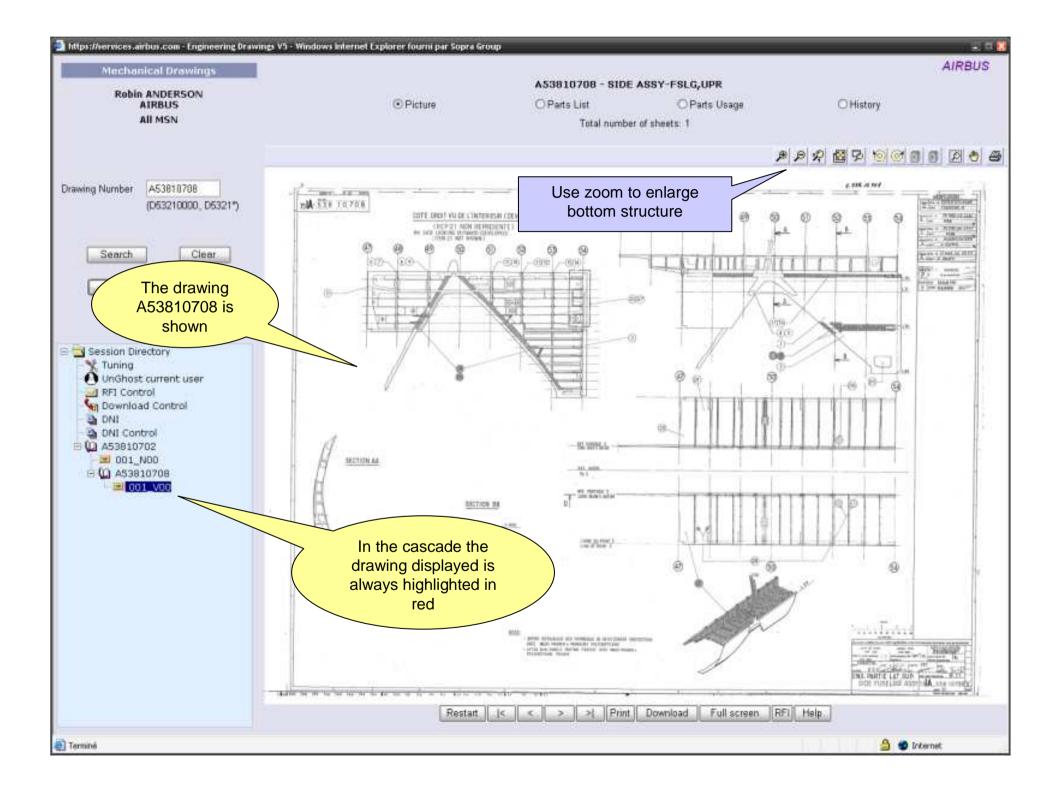


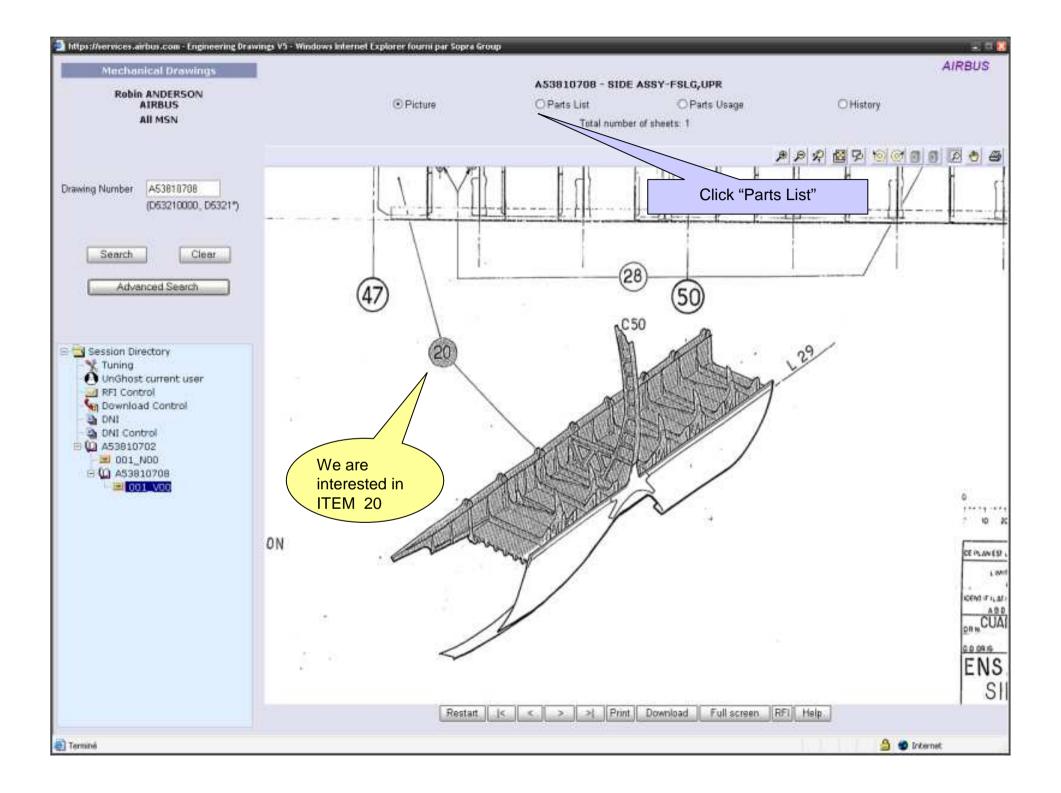


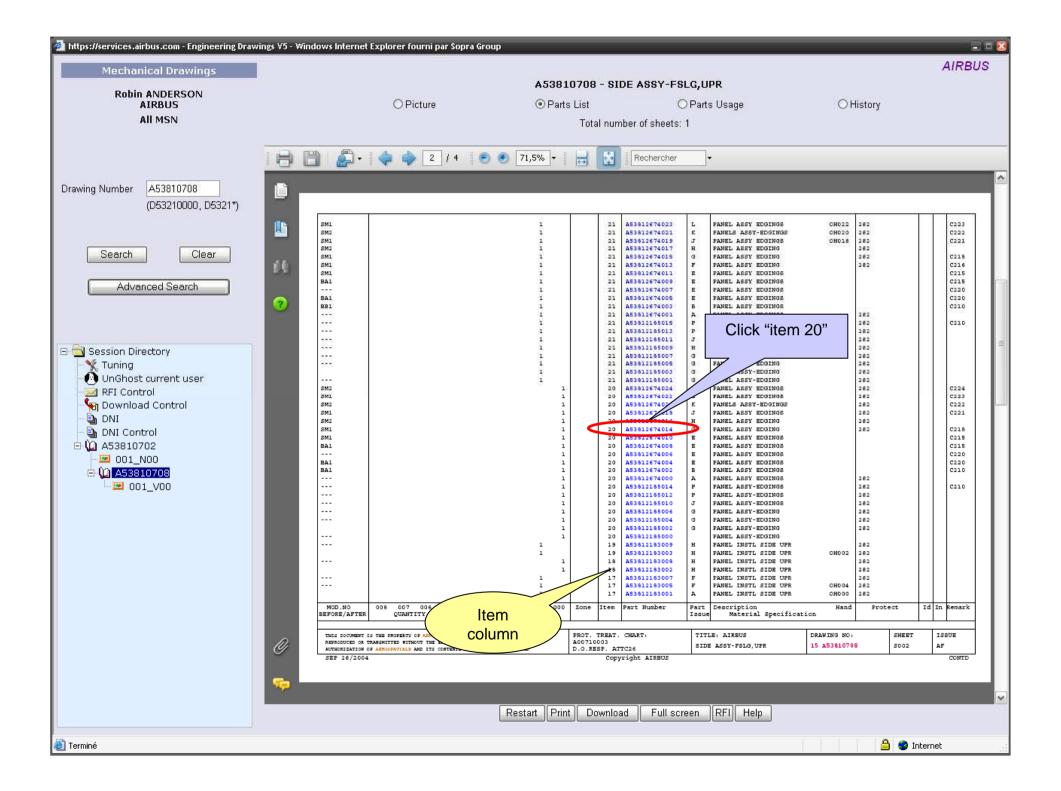


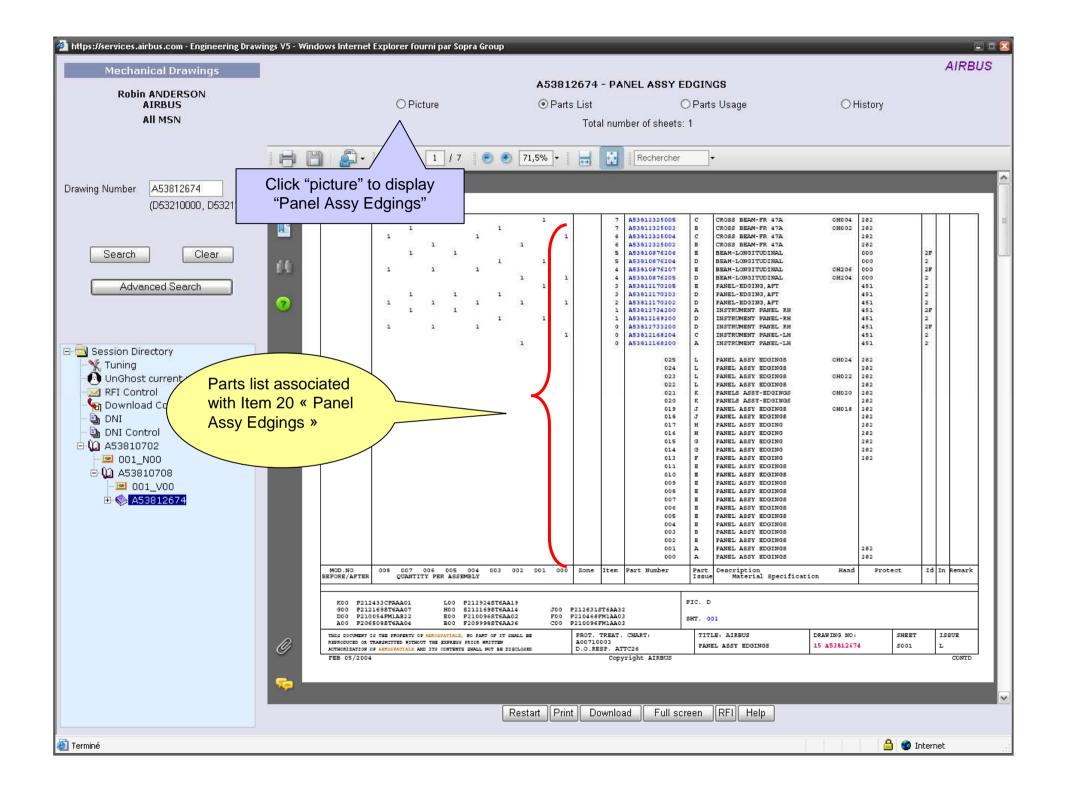


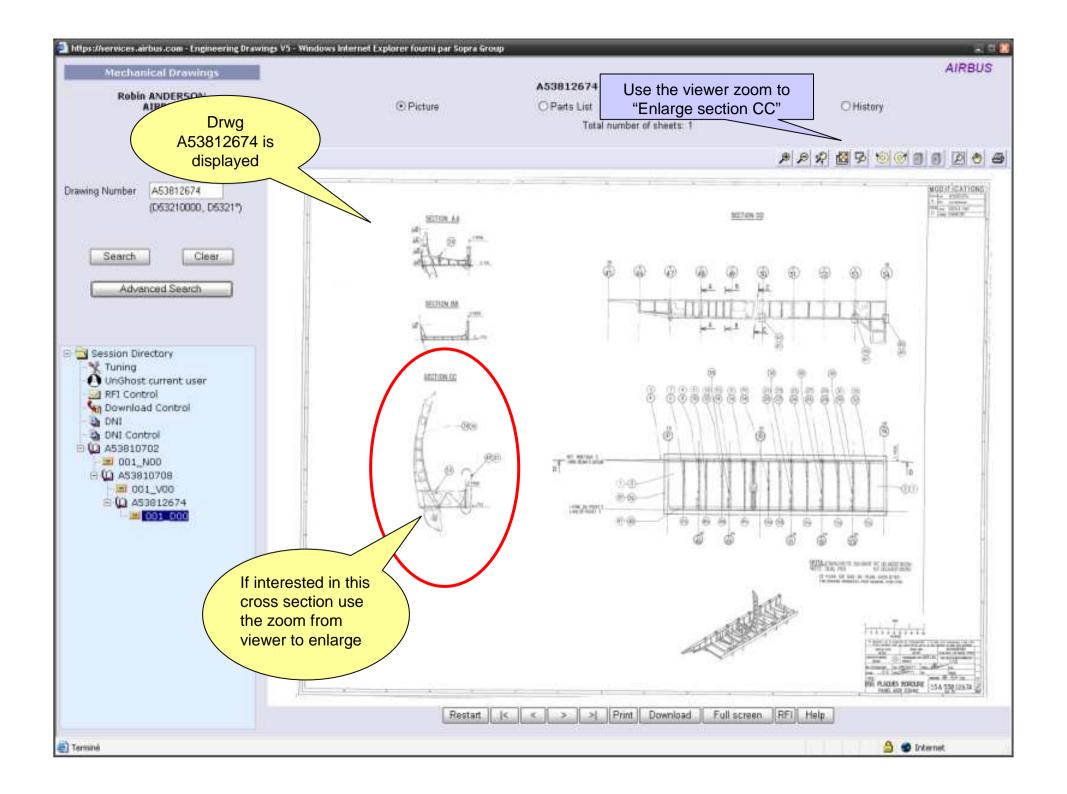


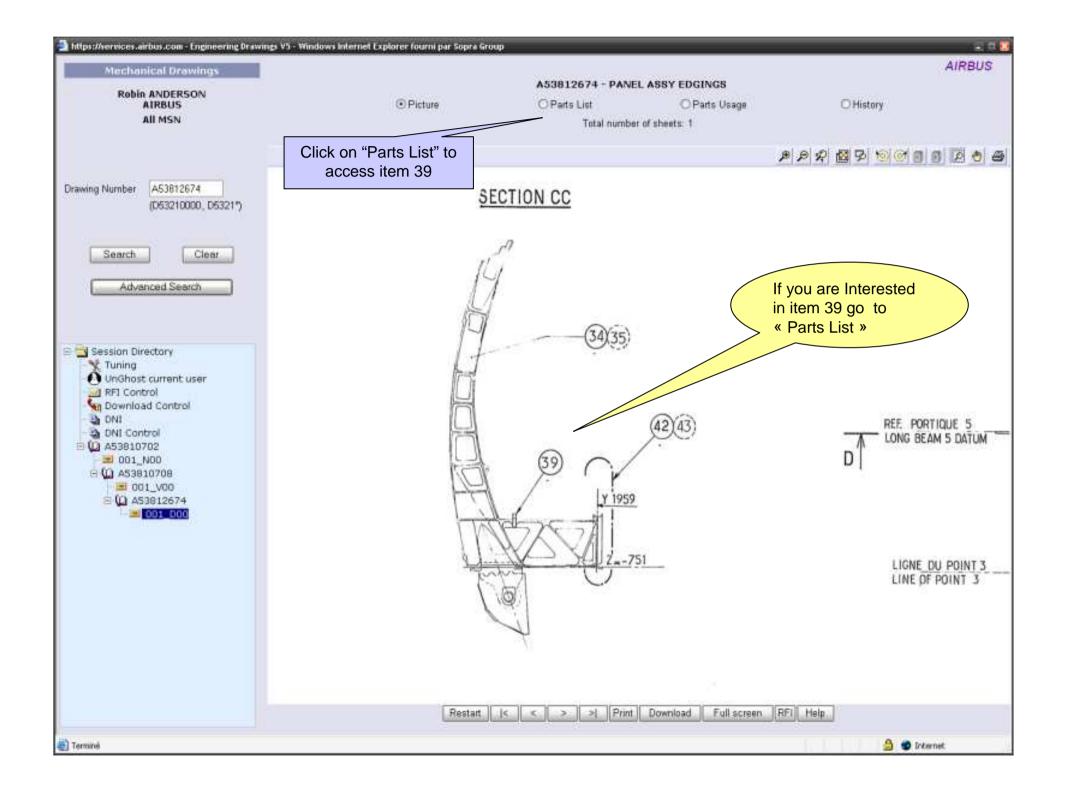


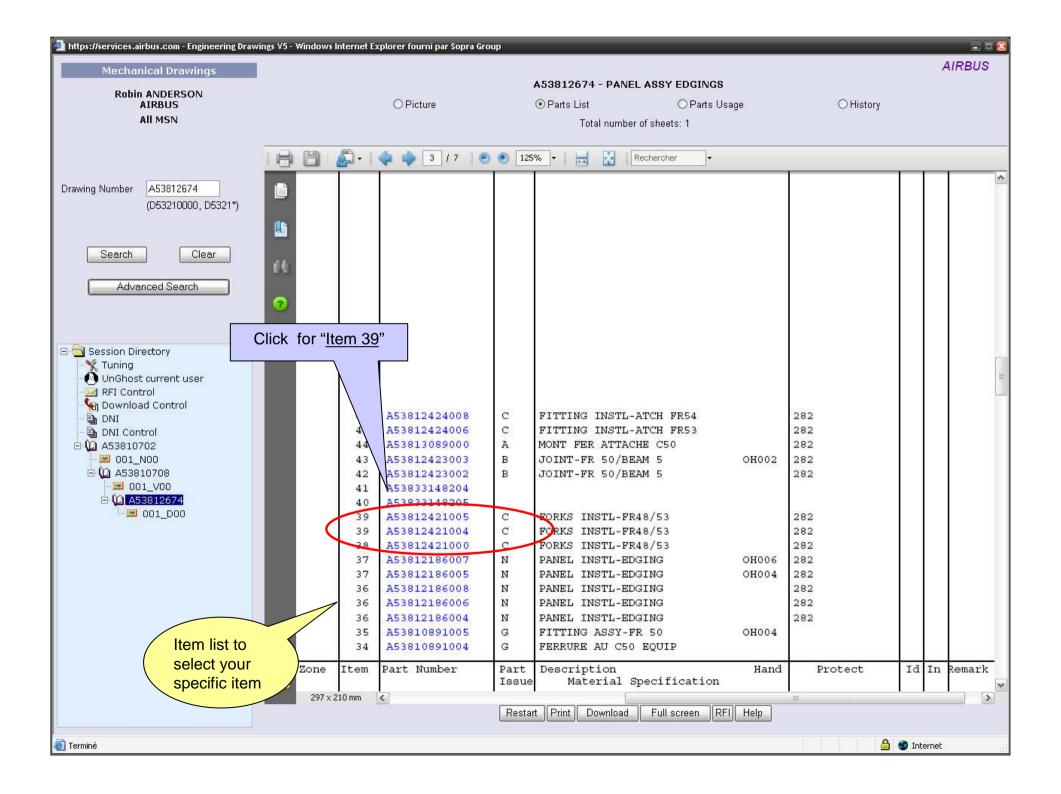


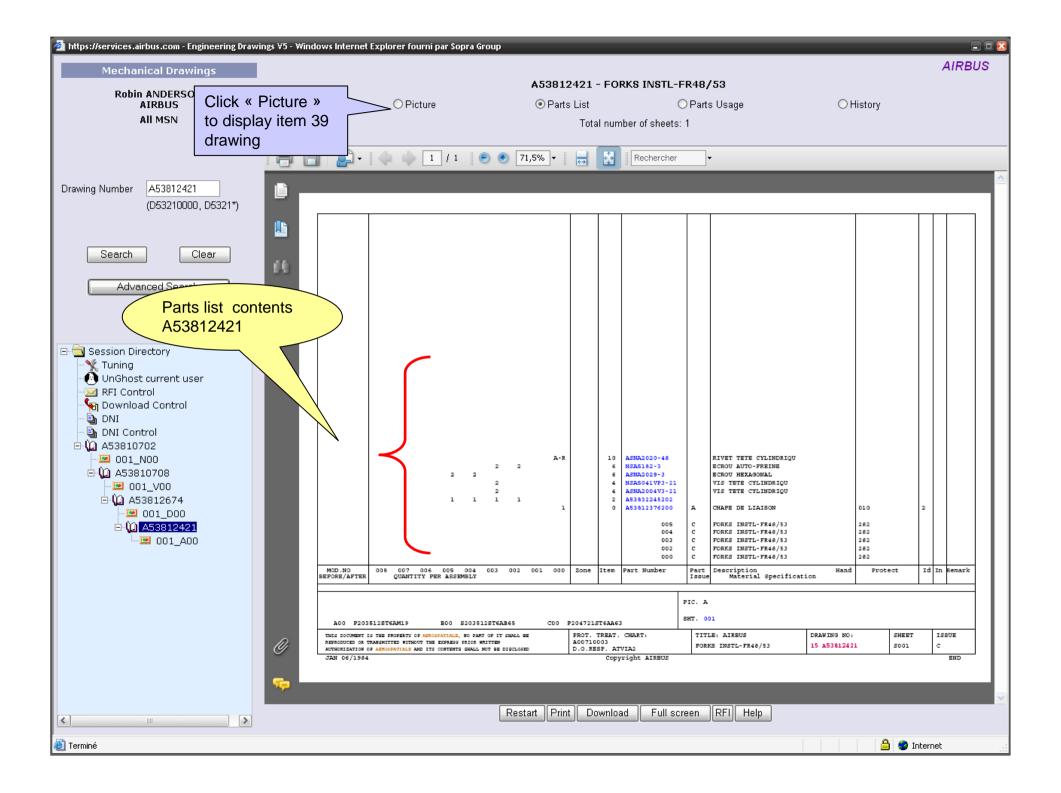


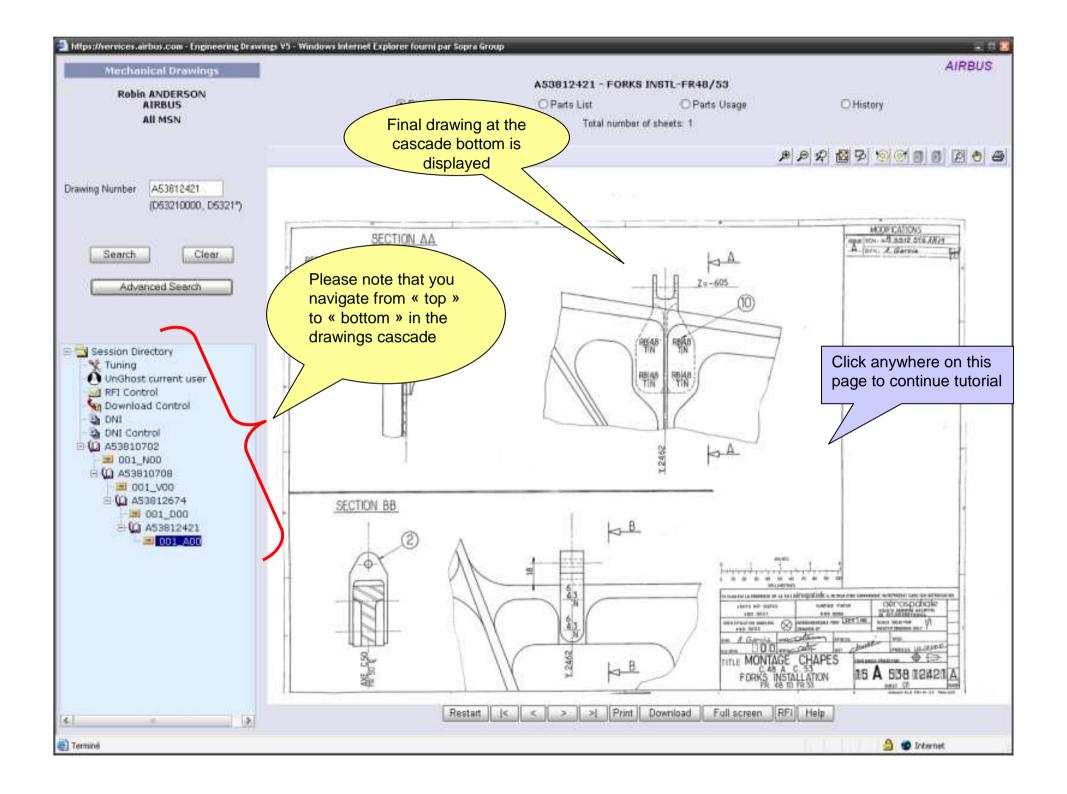






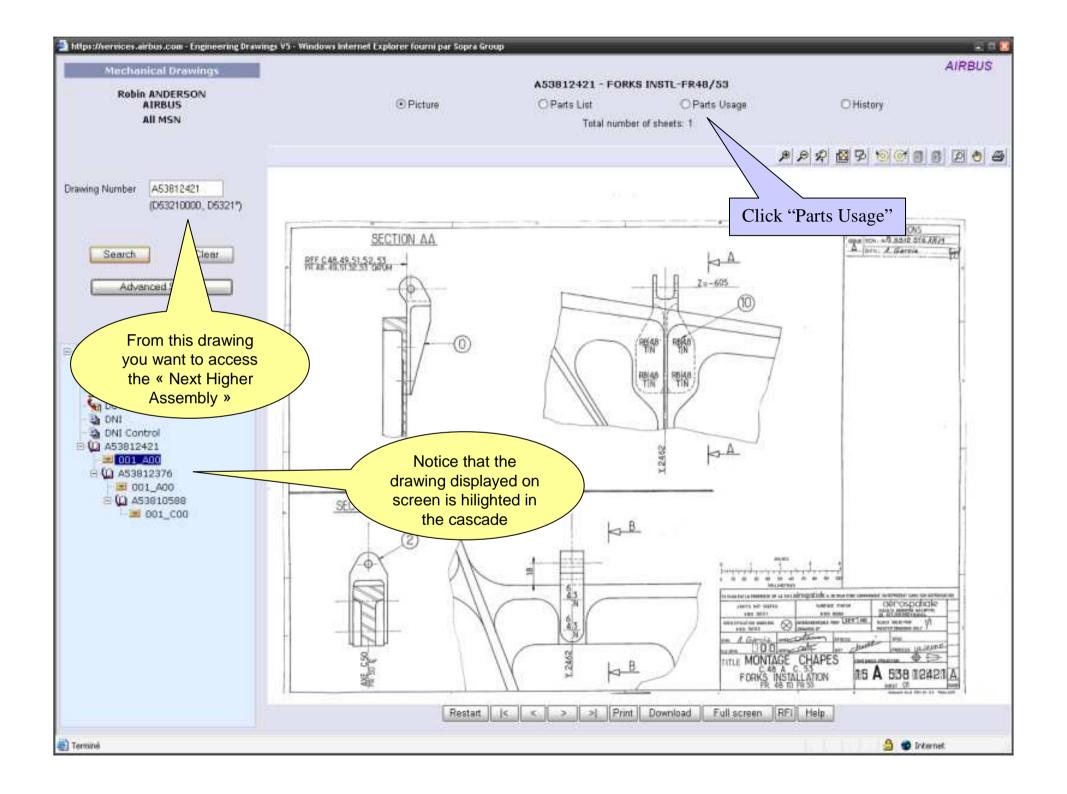


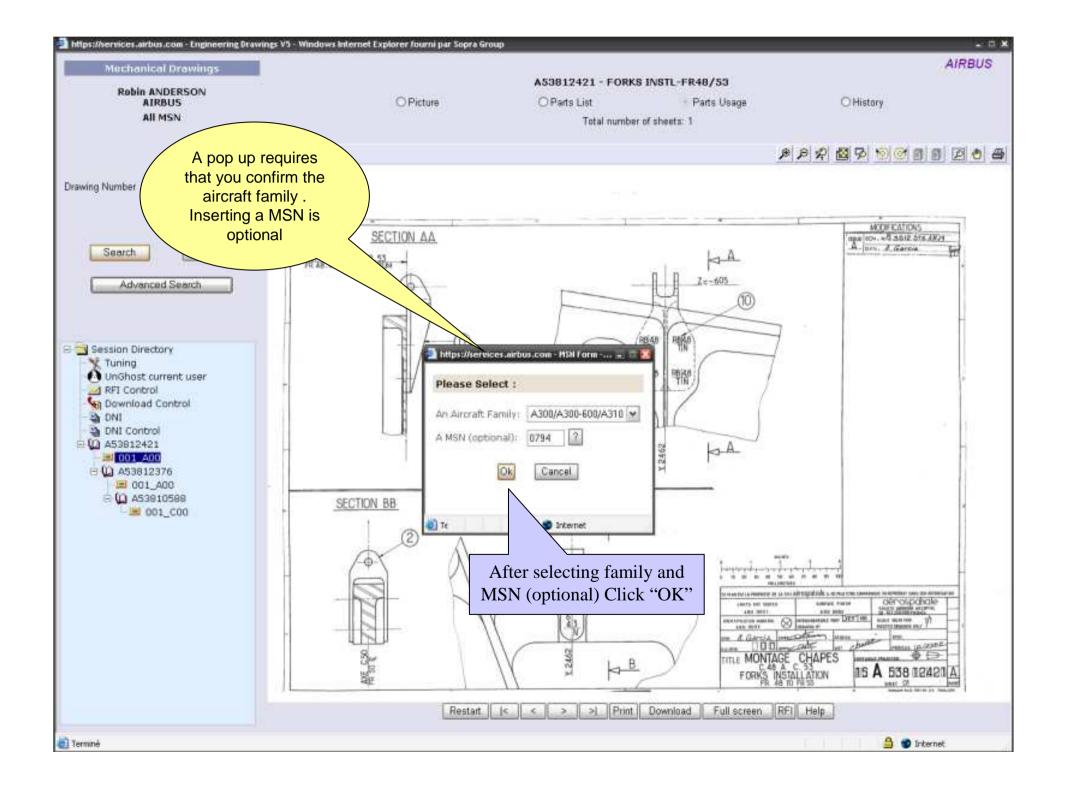


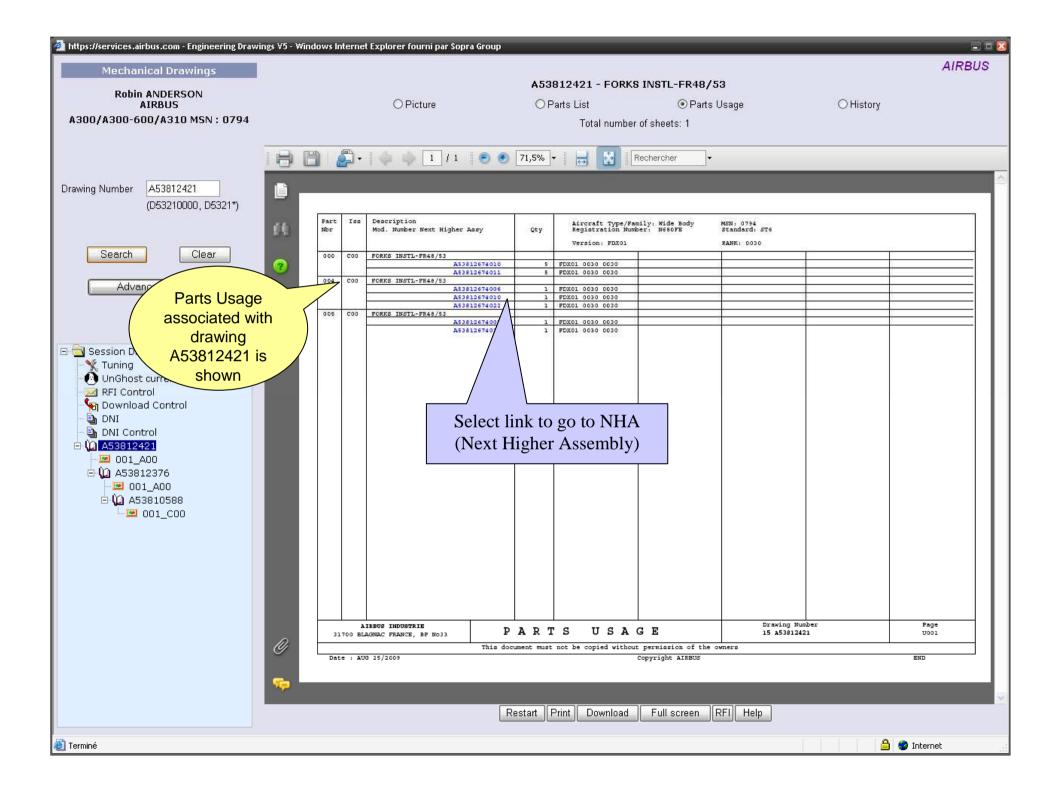


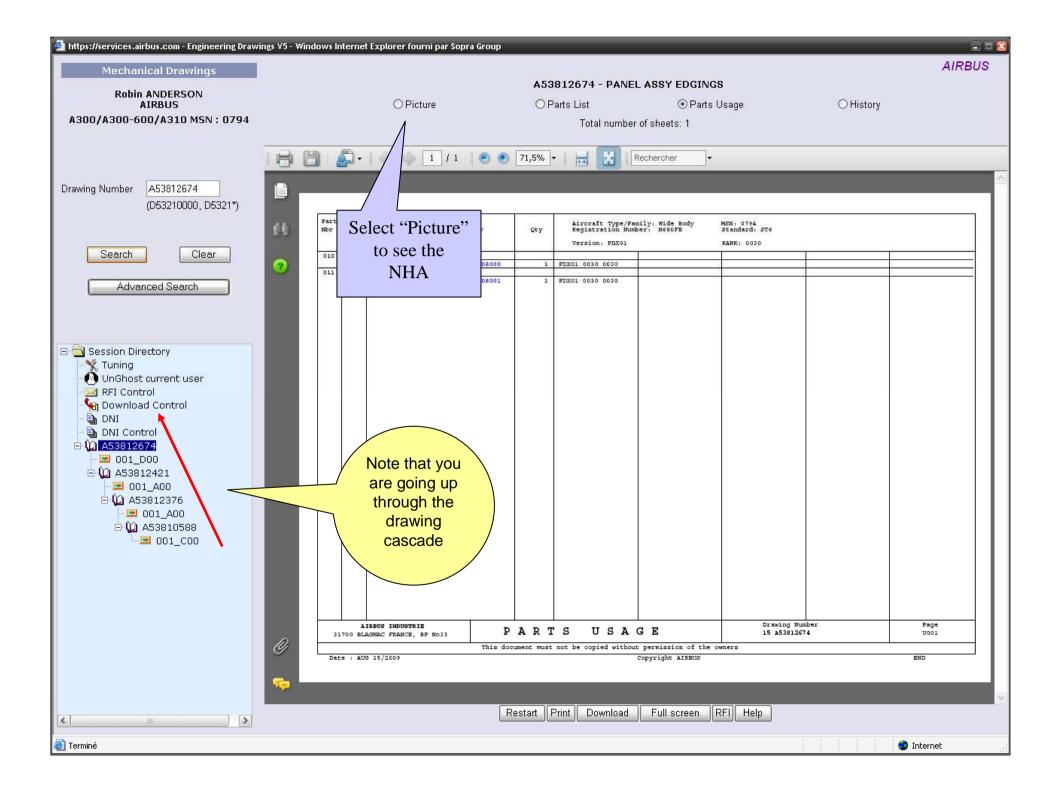
#### -Tutorial part 2

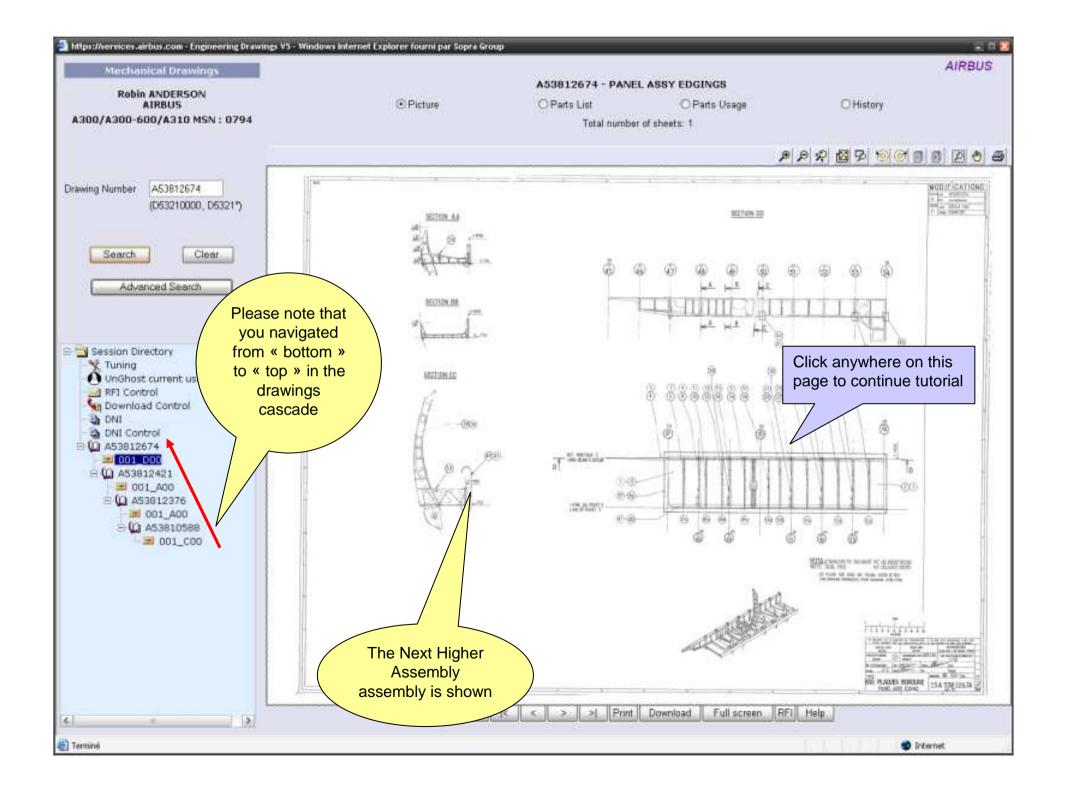
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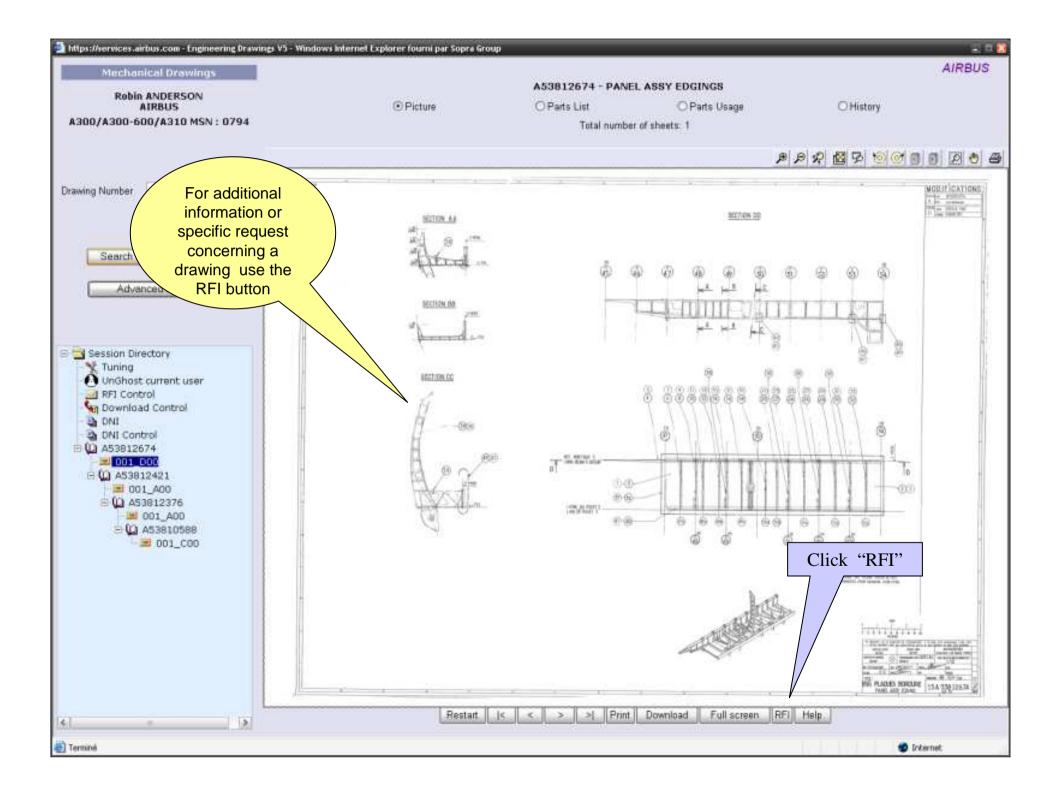


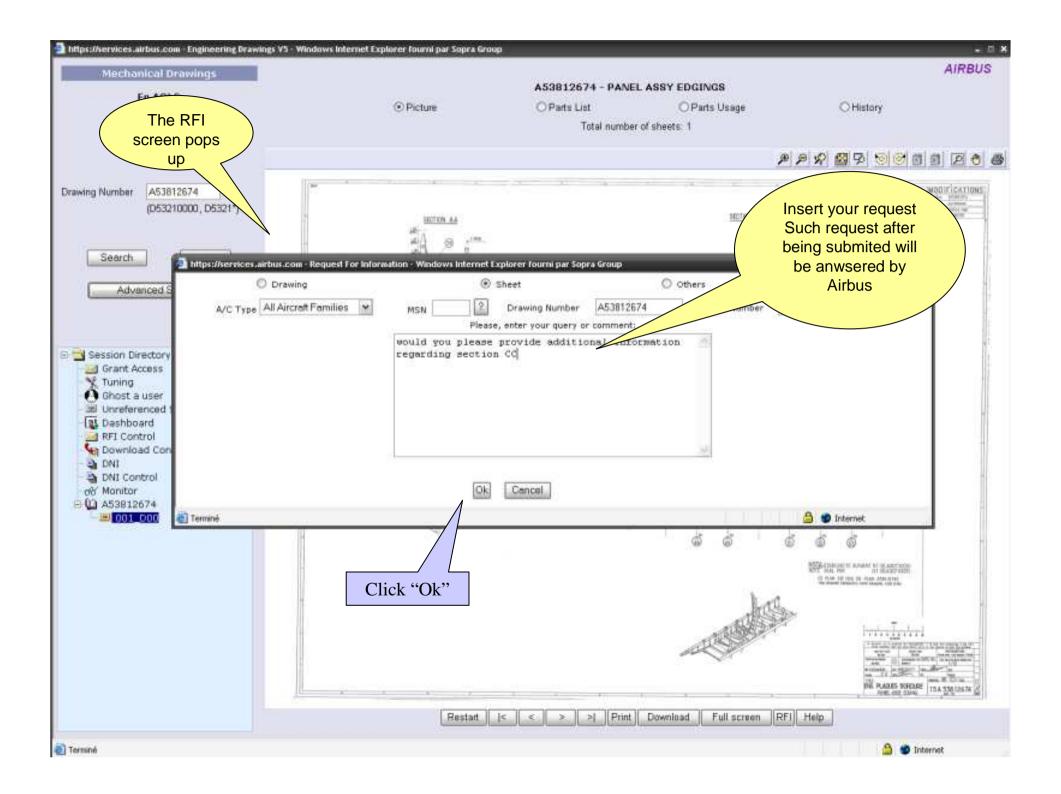


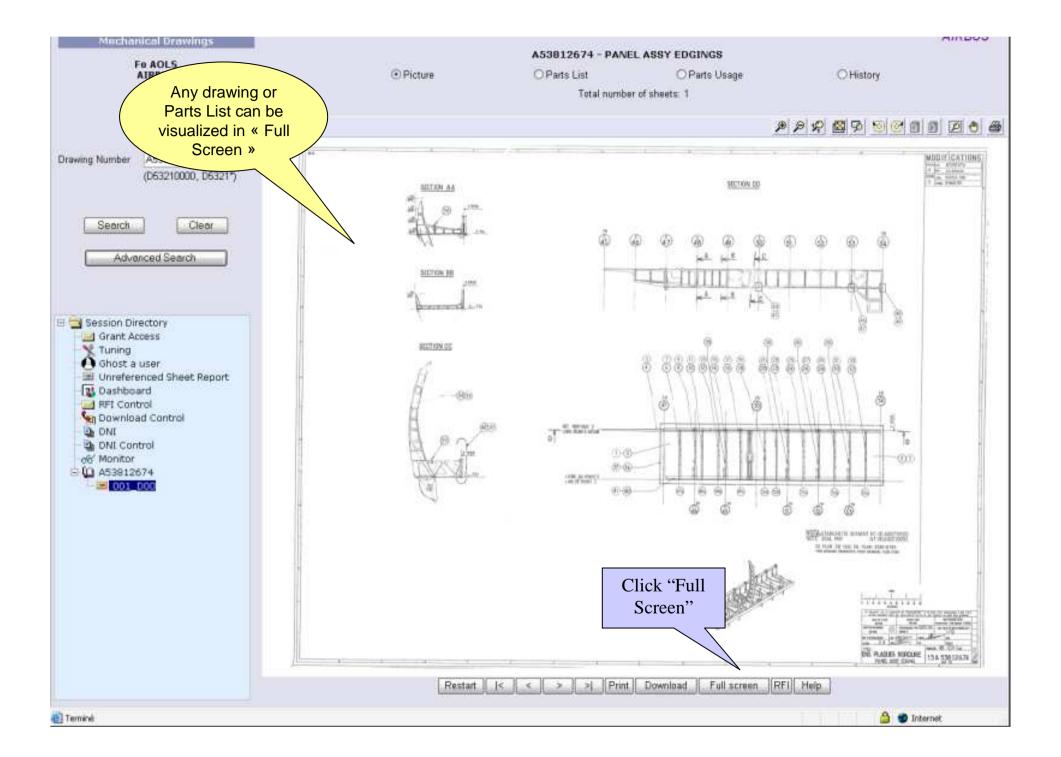


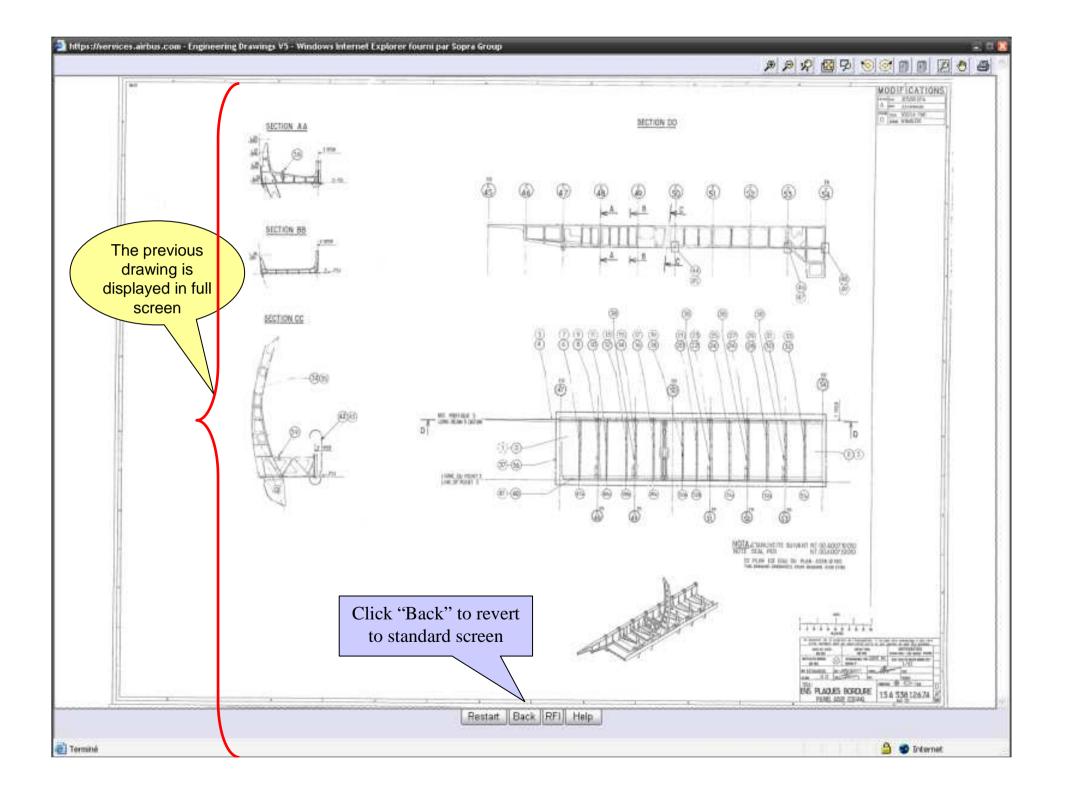


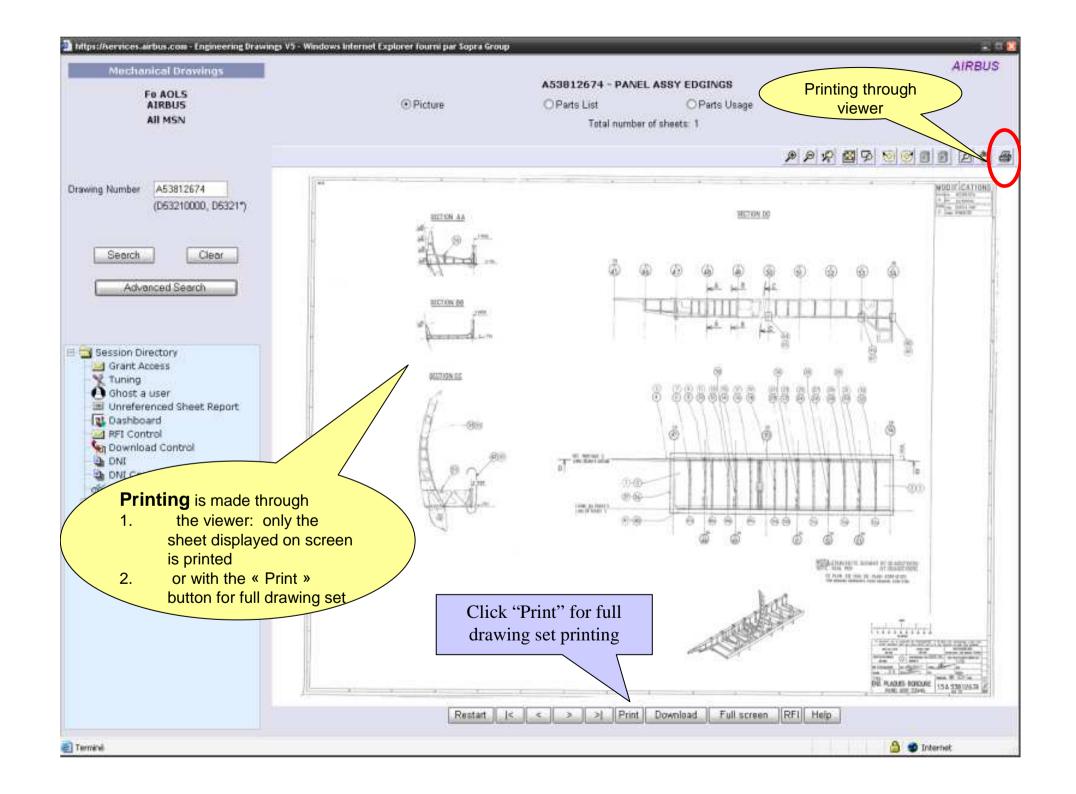


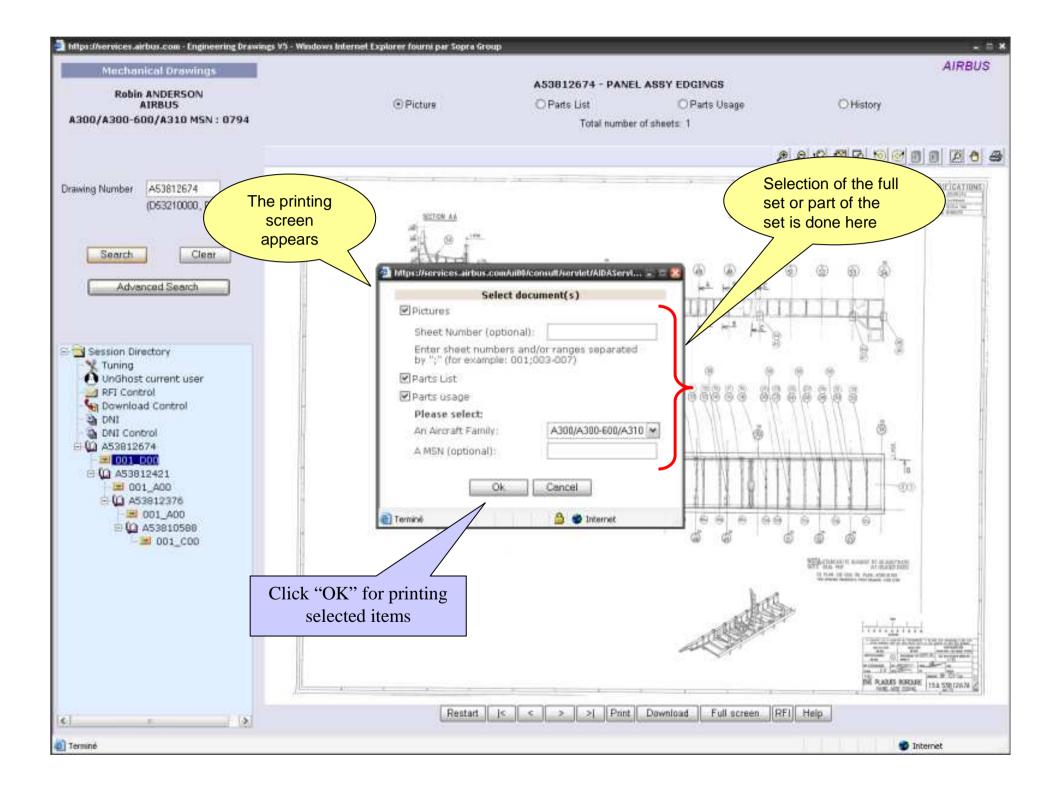


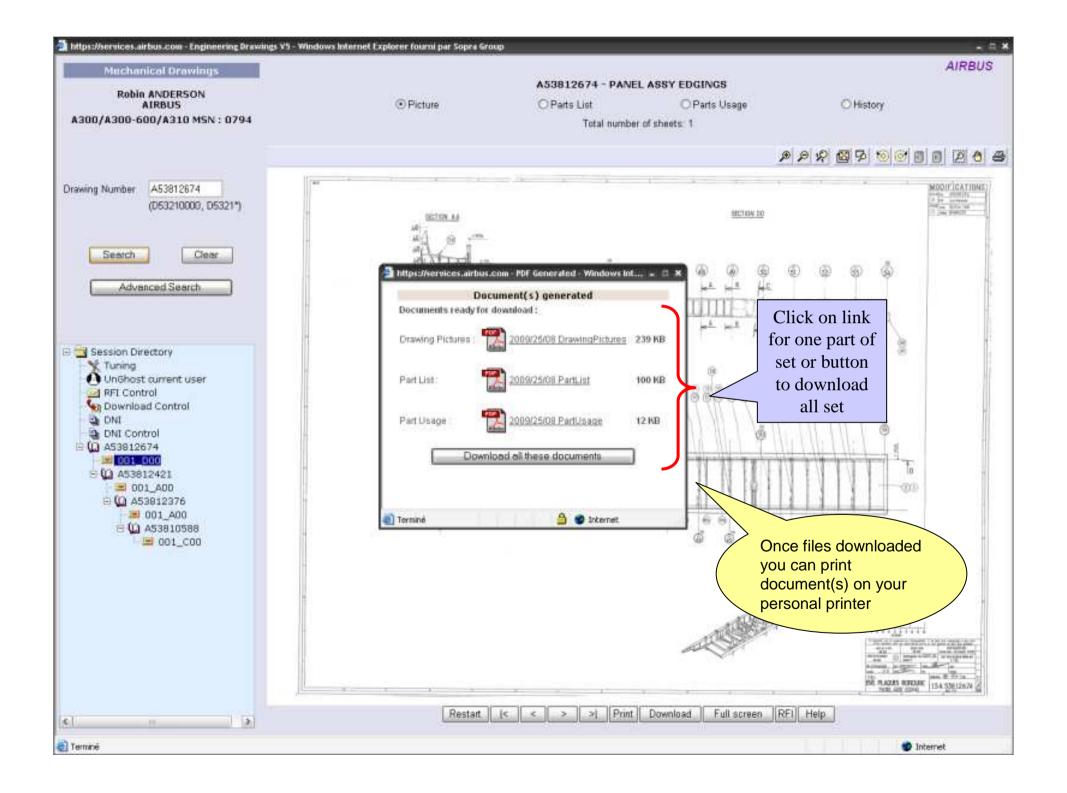


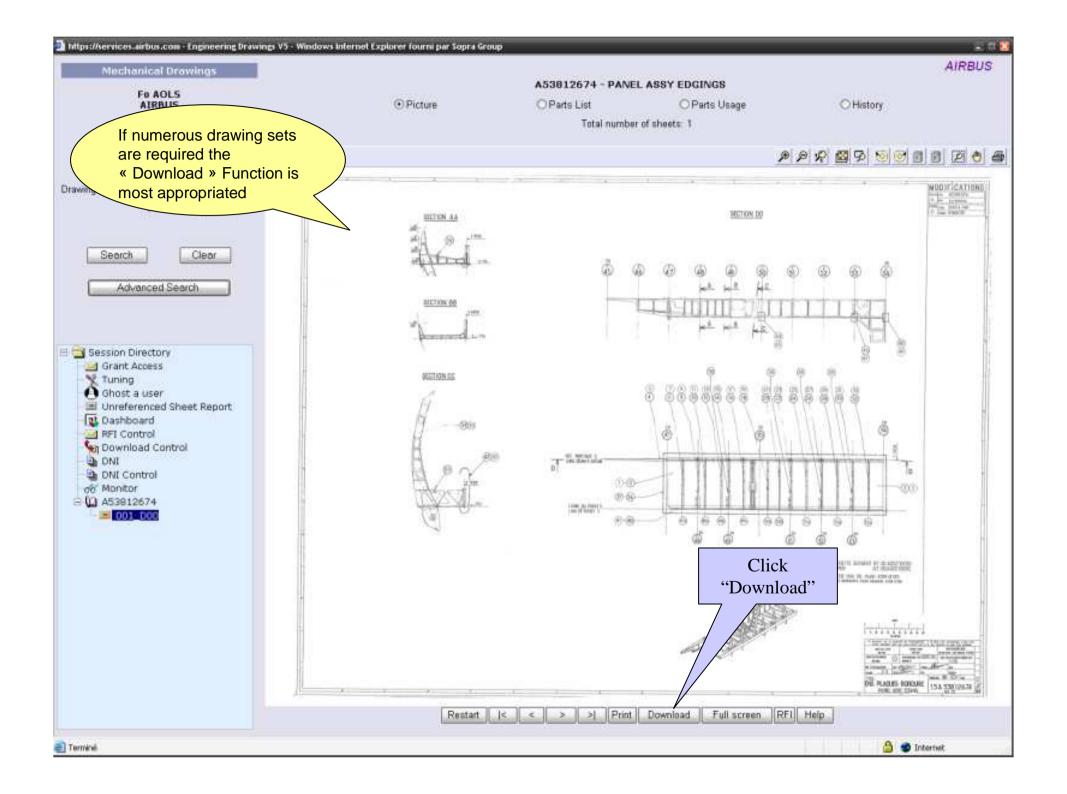


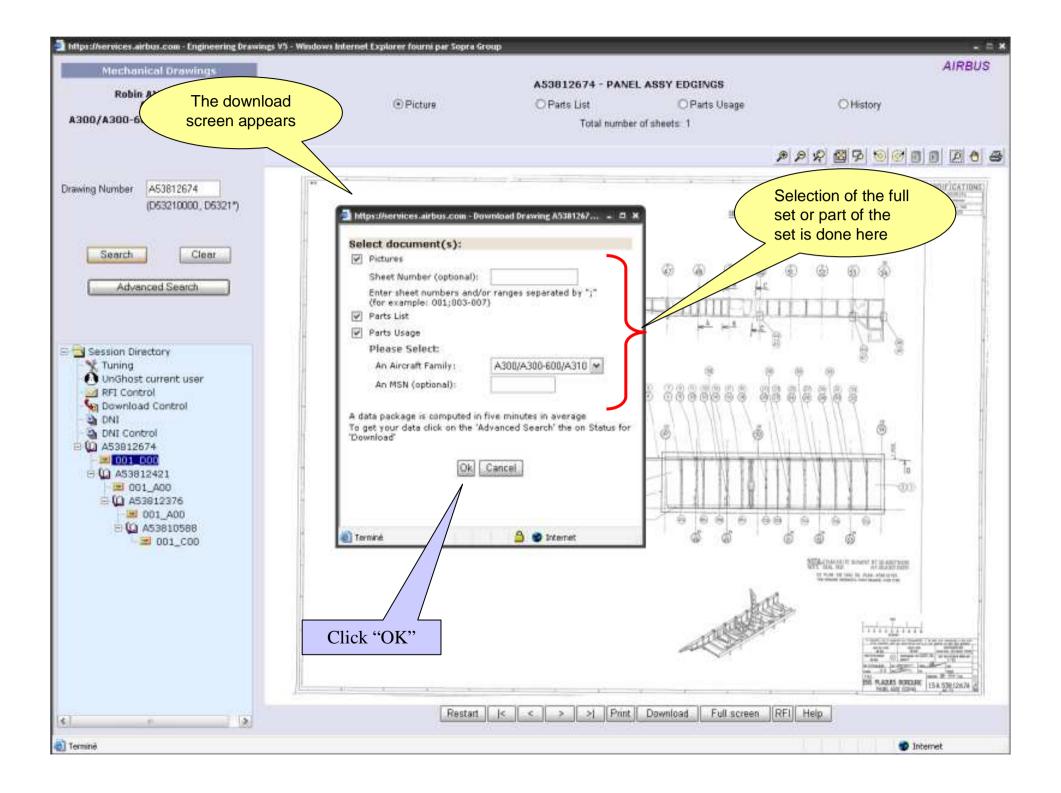


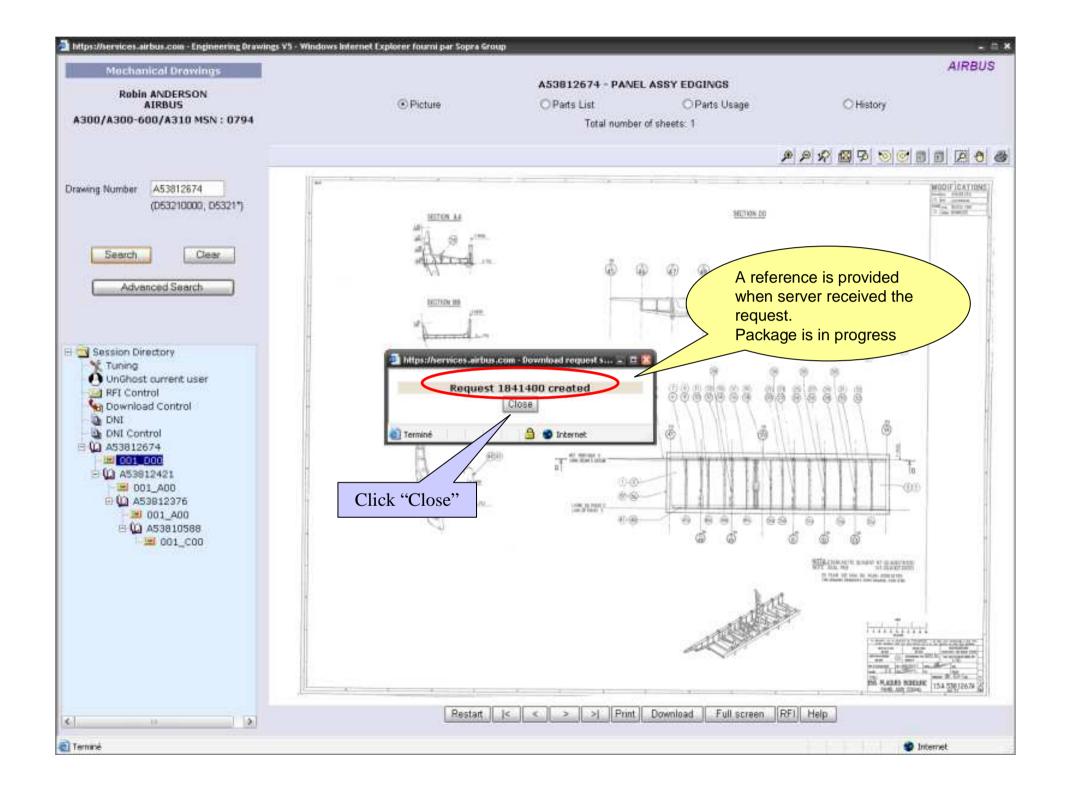


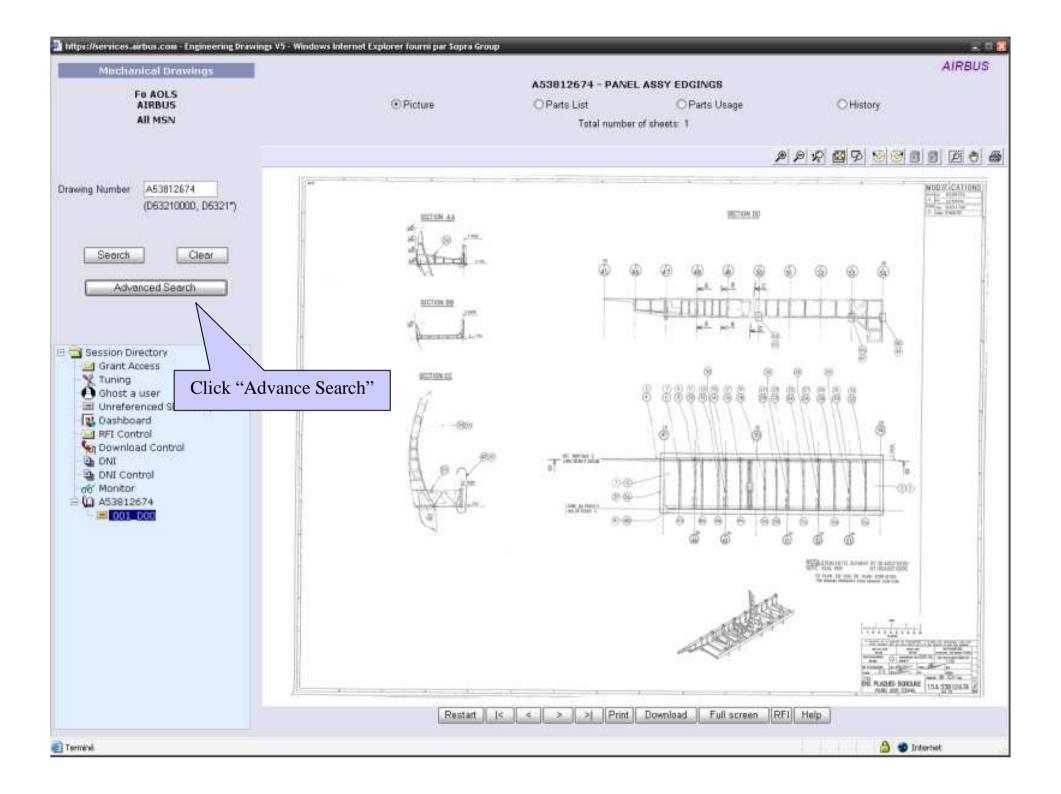


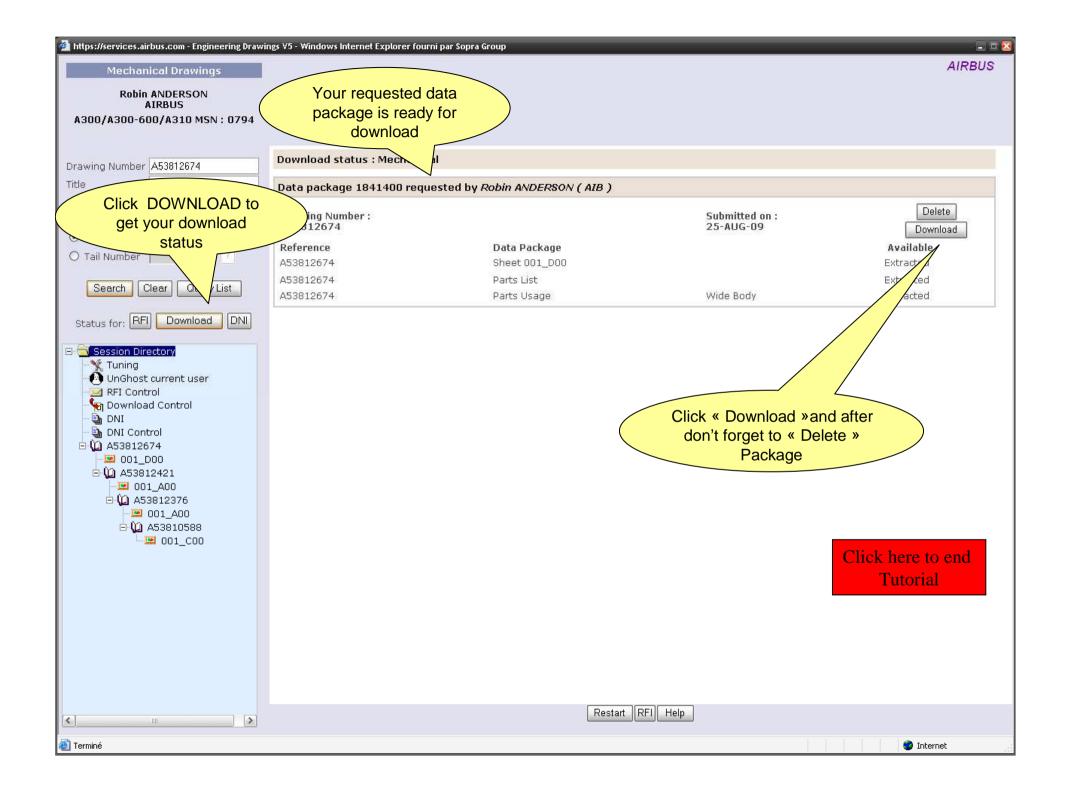












THANK YOU