



# Virtual Aircraft Survey Tours

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- This presentation will provide a overview of using latest technology to build Virtual models similar to a home real estate tour



# Product – Virtual Aircraft

- Technology is here
- Virtual Home Tours are being utilized in today's market – Visual presence enables a "I've been there experience"
- Few Large Operators are utilizing it
- Uses are endless-
  - Training for Maintenance, Flight, Dispatch, Ground
  - Tool for anyone in an Airline, MRO or a Vendor
- New Technology can be utilized without an extreme expenditure

## C601 Link Live

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OR C601 instructional video NEXT Slide



Begin tour



VAST Instructional Video (as Required for poor connectivity)



# Overview

- What – bringing real aircraft Tour to where you need them
- Visualize the end product
- Learn the tool basics / find a savvy photographer
- Start defining a mapping plan of photos
- Anticipate logistics of the survey
- Take photos as needed between 360, Flat still, Arial, Video
- Assemble images and content in a virtual tour application
- Post to your Website NS



# Using the best tool for the job

- Flat standard images – Amazing what we can do with our phones!!
- 360° cameras
  - – Camera that takes a single 360° image on a horizontal and vertical plane.
  - Uses large fish eye type lenses
  - many ~\$500
- Video – traditional moving images.
  - Complex motion and focused “message”
  - What are you intending to convey
    - ‘Cargo door latch mechanism’
    - ‘Thrust Reverser opening’.
- 360 images best suited to pointed familiarization and learning vs Video
  - OVERALL BEST tool for universal learning environment NS



# Using the best tool for the job

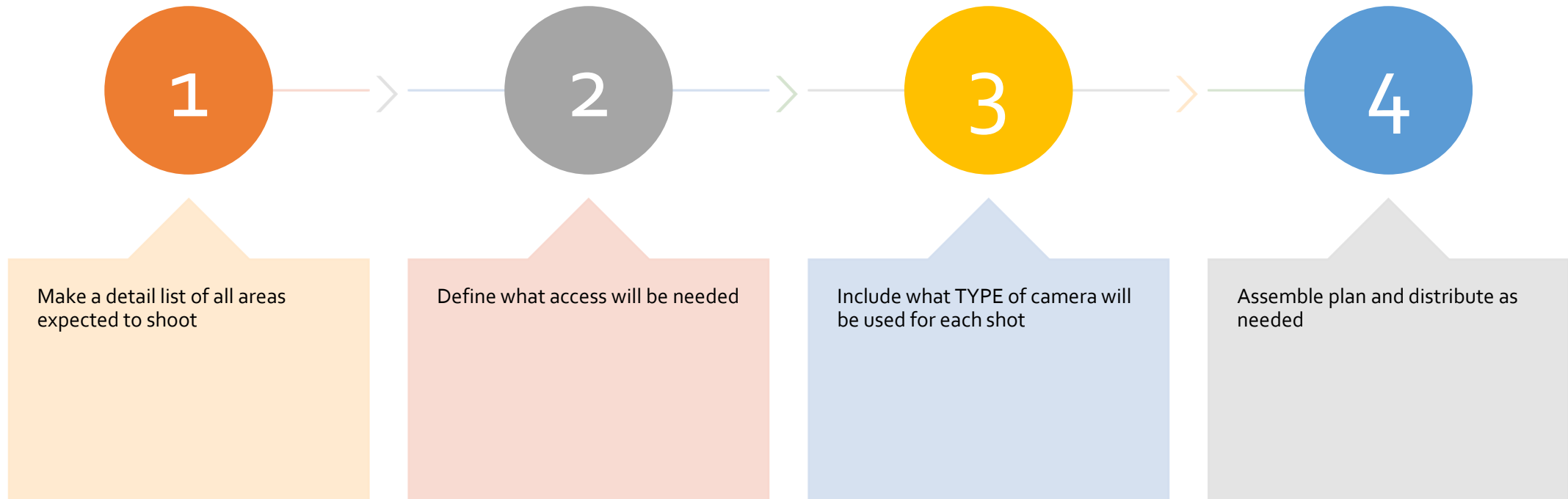
- Outside looking in?  
or Inside looking out?
- Outside looking in – Can use either Standard flats or 360
- The best application for 360 is Inside looking out
  - Cockpit
  - Wheel Well
  - Equipment Bays
  - Outside in is still useful – but may be distracting if the focus is a single object in 1 direction
- Aerial – top shots
  - Manlifts – slow but sure
  - Long telescopic tripod type
  - Drones!!

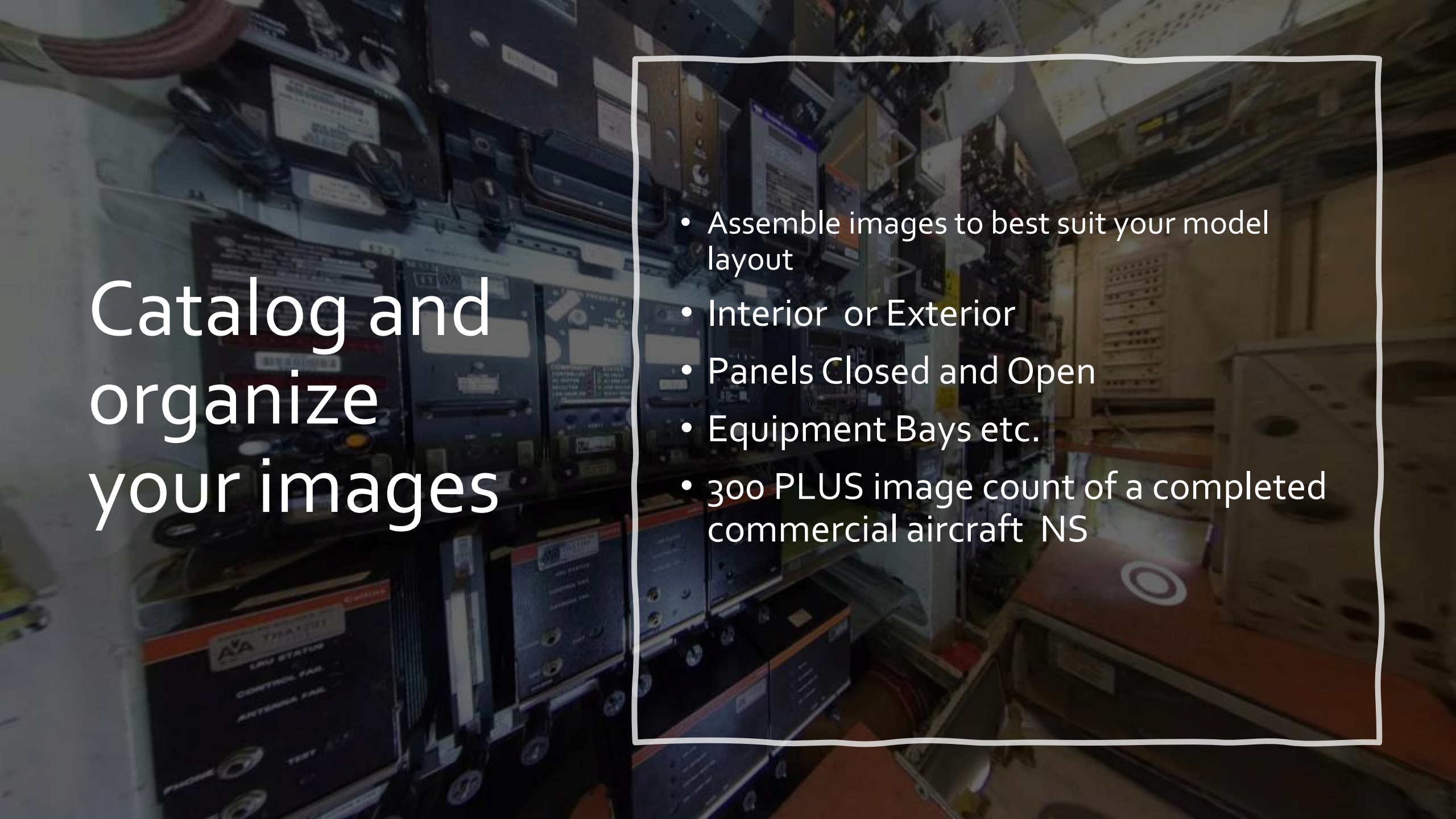
## B767 Link

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# Making a Survey Plan





# Catalog and organize your images

- Assemble images to best suit your model layout
- Interior or Exterior
- Panels Closed and Open
- Equipment Bays etc.
- 300 PLUS image count of a completed commercial aircraft NS

# Layout design & main menus

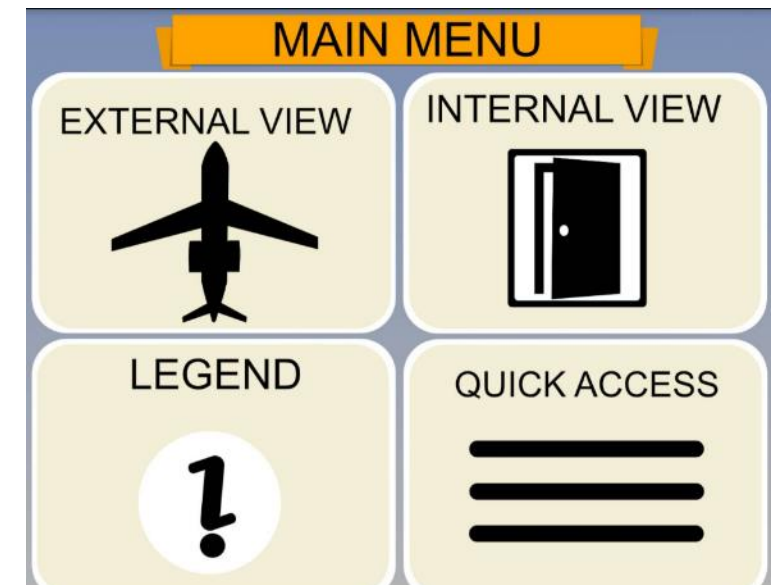
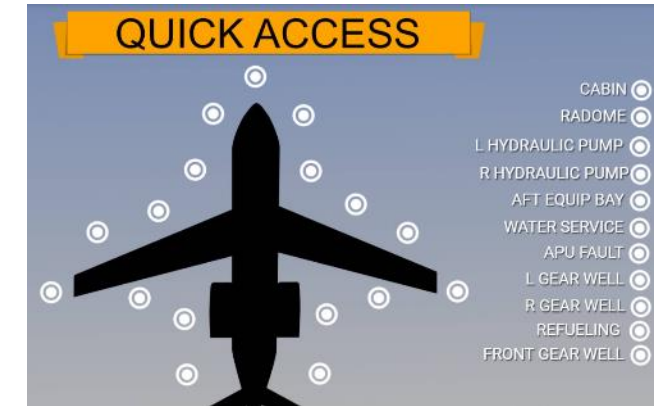
- How do you want to navigate the tour



**C601 Link Live**

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**OR C601 attached video = TB provided**



# Building and Hosting Tour

- Hosting Software typically is same place you build.
- Most have free trials and or free versions
- Start Building
  - Make yourself a small learning project
  - Linking
  - Testing
  - Labels?
  - Find Features?
- Not everyone wants or needs Adaptive Cruise Control! END

C601 Link Live

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