

*Airborne New and Advanced Satellite techniques and technologies*

*in A System Integrated Approach*

**ANASTASIA  
ERA TECHNOLOGY  
presentation**

**5th April 2005  
ENAC, TOULOUSE**



# ANASTASIA Kick-off Meeting

## ERA TECHNOLOGY

■ **Nationality, location:**

- **United Kingdom : Leatherhead - Surrey**

■ **Type of entity : R & D Organization**  
**Part of the Chelton Group**

■ **Field of activities:**

- **ERA is renowned for its involvement in the development of all fields in microwave antenna technology and RF systems**
- **Development of of an array of avionics equipment for the Chelton Group**
- **EMC and Safety Engineering**

■ **Involvement in other relevant European projects:**

- **ESA ARTES-4 Program for the development of the next generation low profile antennas for mobile broadband communications at Ku-band**

**Complementary information:**

- **UK-DTI SPITFIRE Program: Development of avionics antennas for broadband communications at Ku-band**
- **Ongoing studies developing airborne anti-jam GPS antenna technologies for the UK Government**



- **Involvement in ANASTASIA :**
  - **Leading Work Packages within WP3**
  - **Co-ordinate and contribute to Antenna Studies**
  - **Main interest in antennas for navigational and Communication Applications**
  
- **Expectations from ANASTASIA :**
  - **Develop novel technologies for multimode navigational avionics antennas**
  - **Understand framework and antenna requirements for modern avionics broadband communication systems**
  
- **People attending the meeting:**
  - **Dr Michael Philippakis - Tech Exec**

