

# REMOTE PILOTS AIRCRAFT SYSTEMS TRAINING POINT OF VIEW

- ✈ Regulation.
- ✈ RPAS for fun or RPAS for business.
- ✈ Training.
- ✈ RPAS Future.



# Regulation

- ✈ National Regulation.
- ✈ No Licenses validation in other countries.
- ✈ Specific requirements to get a drones pilot license.
- ✈ Medical Class 2 or LAPL.
- ✈ At least 18 years old.
- ✈ Basic or Advance training to operate VLOS or BVLOS.
- ✈ EASA future regulation expected late 2015/ Early 2016



# RPAS for fun and RPAS for business

- ✈ **Military purposes and Civilian market.**
- ✈ **For fun are small toys easy to fly.**
- ✈ **More than 1 million units sold.**
- ✈ **Advance technology in a small drones.**
- ✈ **European Commission Report (10% of aviation business in 10 years)**
- ✈ **Small, Medium-size and big companies are using drones:**
  - ✓ **Cartography**
  - ✓ **Agriculture.**
  - ✓ **Lifesaving in beaches, rivers...**
  - ✓ **Video and photography.**
  - ✓ **Private security companies.**
  - ✓ **Engineering and construction.**
  - ✓ **Traffic tracking, traffic fines...**



# RPAS TRAINING

✈ **Universities incorporating drones training in syllabus**

✈ **Training to achieve a drone pilot license.  
Always delivered by an ATO:**

- ✓ Meteorology.
- ✓ ATC Knowledge.
- ✓ ATC Phraseology.
- ✓ Aircraft performance...

✈ **University Training:**

- ✓ Thermography.
- ✓ Photography.
- ✓ Wind turbines inspection.
- ✓ Electric Towers inspection.....



# RPAS FUTURE

- ✈ Eurocontrol RPAS integration in all Airspaces (Doris Dehn, 2011)
- ✈ ICAO Circular 318- AN/190
- ✈ Growth in Civil industry
- ✈ Quicker, less expensive .
- ✈ Safer?

