

# Juniors and Airsports

Some Aspects of  
Aeromodelling and its  
Contribution

# Millions of Years ago in the Savanna

- Mankind began with „Lucy“ and her relations in the savannas of Africa 6 Million years ago
- Australopithecus was able to run on two legs and to cut with tools the skin of antelopes or gnus, but was not able to hunt them
- Lucys husbands, brothers and sons watched the vultures circling in the morning air marking game which came to death over night
- Immediately they run as fast as possible to reach the dead game before lions and hyenas arrived
- Women stayed with the children and dug for roots to supplement the food with carbon hydrates

# The Dream of Flying and where it may come from

- For millions of years our ancestors did not combine „danger“ with birds (very few and very big eagles might have been a hazard for them), but food and success
- Watching circling birds became one of the most important interests of men struggling to survive
- It became a natural driving force implemented in our genes
- Till today at first we want to watch a bird. All people feel highly attracted by birds, aeroplanes, balloons; especially when circling
- The desire to fly like a bird is far more sophisticated and ambitious

# Aeromodelling to begin with

- To experience flying we created airports
- The easiest airport to begin with is aeromodelling
- Kids of 6 are able to build models and to fly them successfully
- Almost no hazards
- Cheap
- To be exercised in every school, in many homes, gardens, sport grounds, gyms
- Our own creature, an artificial bird, glides - or even climbs - into the sky
- With feet on the ground we fulfil our everlasting dream, what makes us happy
- “Airflow provides flow”

# Drawbacks for fascination by aeroplanes and aerostats

1. In the eyes of youngsters flying is a technology of the 19th and 20th, not of our 21st century!
2. Physics of airflow are complicated (nice story of Bernoulli's molecules is nonsense, Newton's law of action and reaction more difficult to understand)
3. Modern media and communications substitute physical, real experiences, and many young boys and girls prefer substitutes

# Problems to be aware of

- Model aircraft are no toys. To understand their reactions is quite demanding
- To begin with, some fundamental craft skills are required
- Many kids in nowadays western cultures lack of patience and perseverance
- Flying fields are fading. Long distances can't be bridged without adults (juniors don't own a drivers licence!)
- "Papa, buy me an aircraft." Kids want a radio controlled aerobatic aircraft, or an helicopter - and destroy it within a fracture of a second. And give up forever

# Staircase to reach the Sky

- Paper Airplanes are wonderful to begin with
- Simple Balsa Gliders are quick to build and instructive
- With Electric Free Flight Models like the “Easy Fly” (almost ready to fly) an instant competition might be commenced
- Indoor Rubber Motor Models are ideal for gyms and in-school-campaigns
- Free Flight Towline Gliders are the cheapest introduction into serious aeromodelling, demanding teachers or trainers, flying fields and clubs