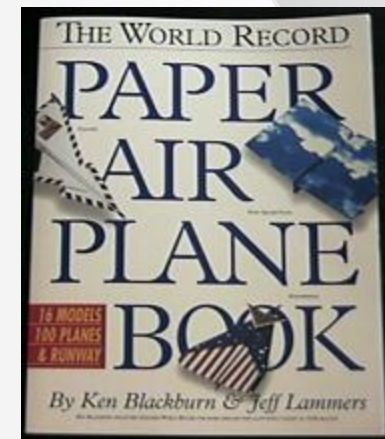




# Who is Ken Blackburn

- Paper Airplanes
  - Guinness Record 27.6 seconds, 10/08/98
  - World Record Paper Airplane Book
- Homebuilt Aircraft
  - Moni, Formula 1 Air Racer
- Boeing Engineer 18 years



[WWW.PAPERPLANE.ORG](http://WWW.PAPERPLANE.ORG)

# Aircraft Design ... Applies No Matter the Size

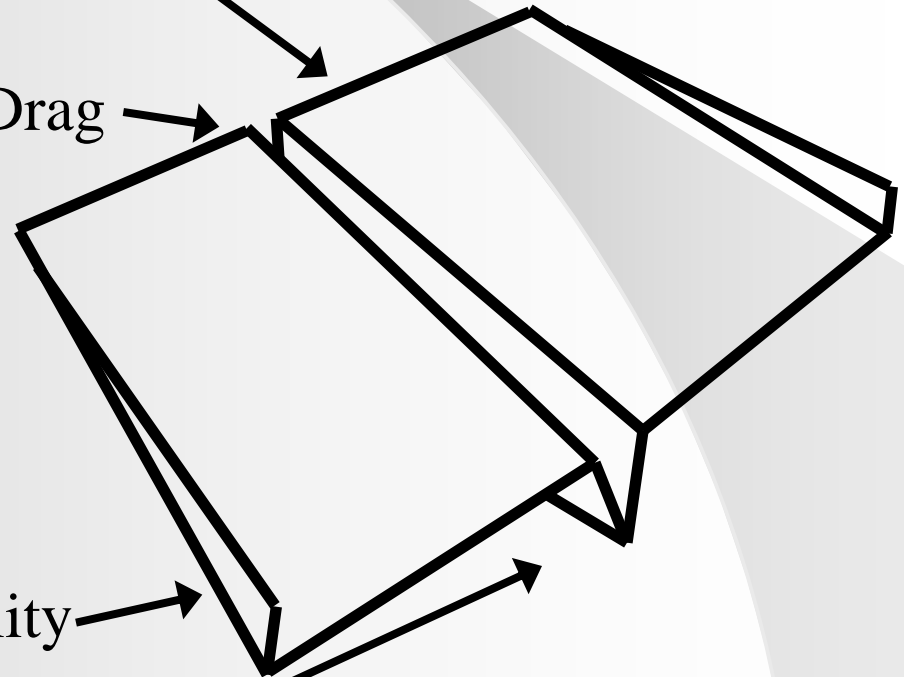


Structure

Drag

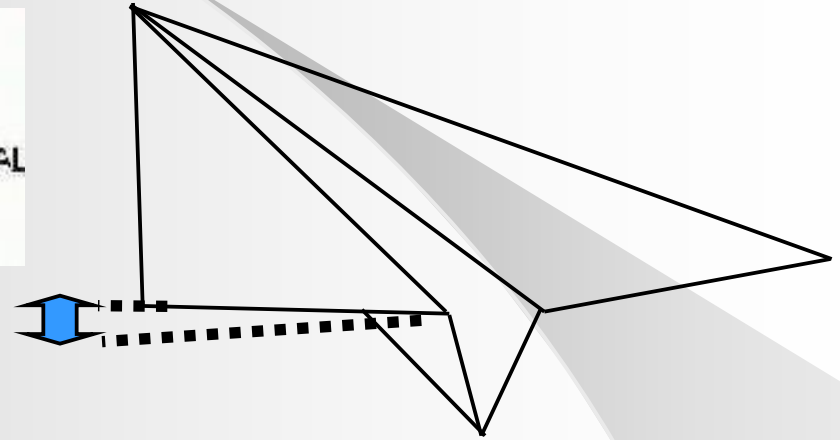
Stability

Launch



# Wing Angle

## Dihedral



**Keeps plane from rolling over**

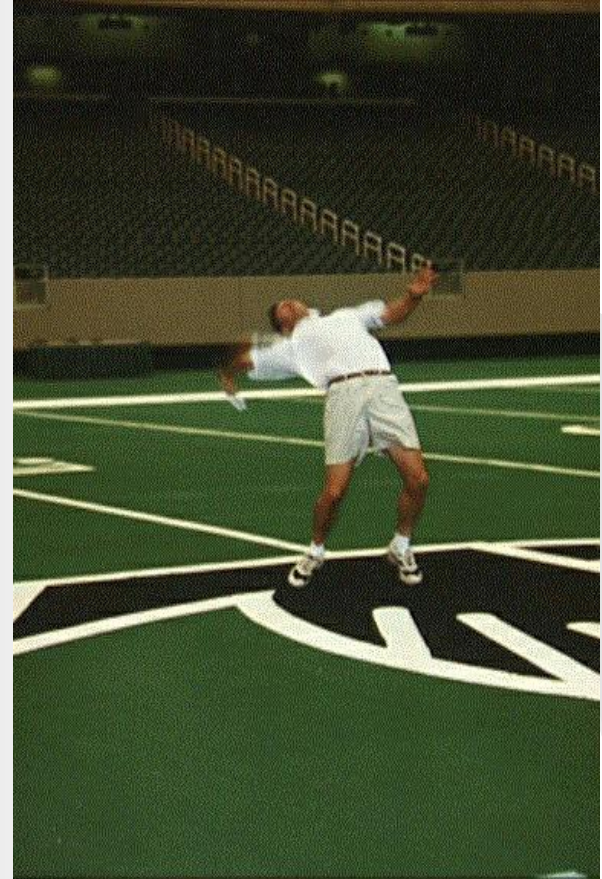


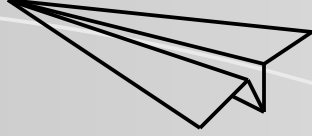
**AV-8B wings angle down for cross wind in hover**



# Guinness Record - Time Aloft

- 1 sheet of paper (some tape allowed)
- Indoors
- Throw from floor
- Timed from leaving hand to contact with any object
- Witnesses and news media
- Photos and video tape required



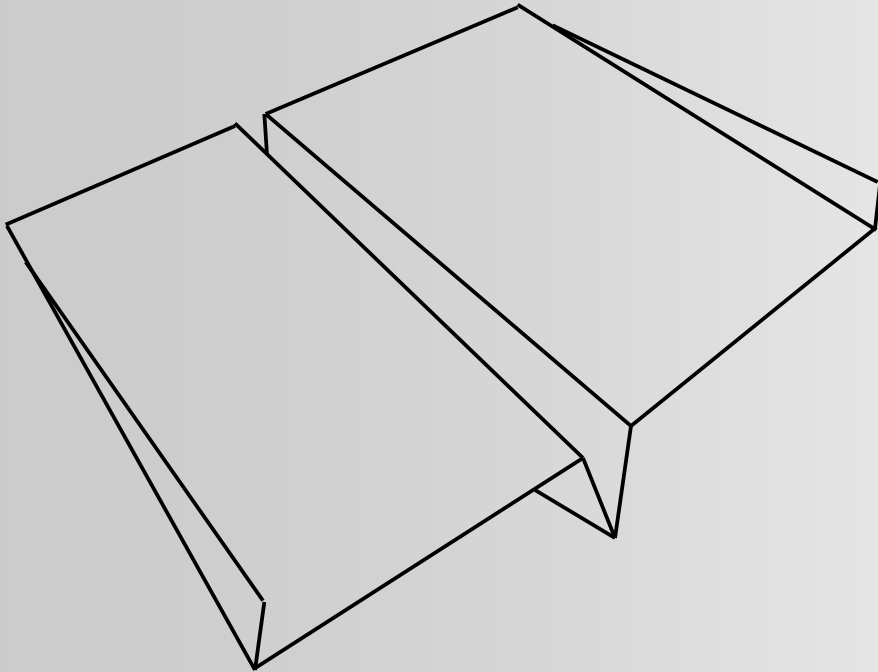


# How I Set the Record

- Developed the World Record airplane at 13
- Set record in 1983 - 16.89 seconds
- Reset record in 1987 - 17.2 seconds
- Reset record in 1994 - 18.80 seconds
- British set record in 1996 - 20.9 seconds
- Regained record in 1998 - 27.6 seconds



# The World Record Airplane



- From The World Record Paper Airplane Book
- Good Duration and Aerobatic Flyer