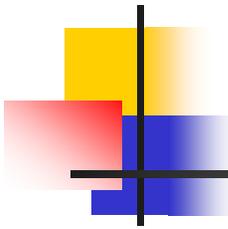


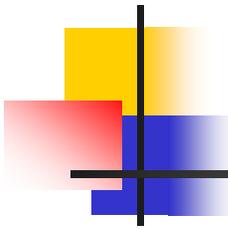
Experience at ARL

Cadet Vinay Mahadevan



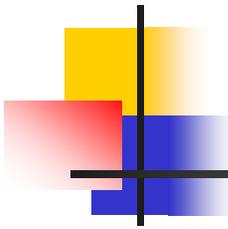
Who I am

- Cadet Mahadevan, c/o 2005
- Math/Political Science Major
- Branch Preference: Combat Engineers
- Spent 2 weeks at NASA-Langley



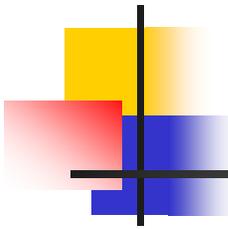
Crash Site Facility

- Observed historical role of the crash facility
- Informed of the contributions made to the aviation industry.
- Simulations on computers



Visit to Aberdeen

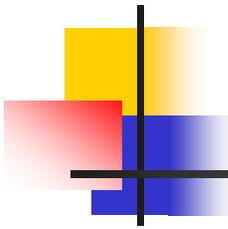
- Translator Devices
- Fighting back Sniper fire
- Engaging the enemy in caves
- Speak with Dr. Miller, Director of ARL



V-22 Osprey Model



- Data Entry for the force simulations
- Placed weight on a static model to simulate a force
- Used Microsoft Excel to model data into a linear regression model
- Much time in calibration of tilt, cyclic pitch, and other variables



Special Thanks too...

LTC Meyer and LTC Healy

Dr. Mark Nixon

LTC Rugenstein

Questions?

