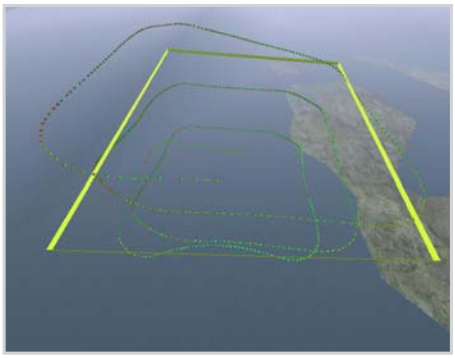
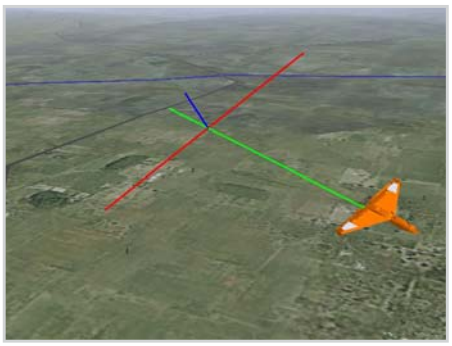
UAV Navigation
Flight spirit
is inside

DHARMIC-VR The Graphical Data Reproduction Interface

Dharmic is UAV Navigation's mission debriefing tool, capable of visually reproducing live and pre-recorded flights in a realistic virtual reality environment. It is capable of delivering the smallest detail in the clearest and most intuitive format possible:

- Customer-specific 3D models with movable control surfaces, propellers, main and tail rotors in helicopters, etc.
- Real-world scenarios with accurate terrain modeling and capable of displaying waypoints and complete flightplans.
- Five different view points (cockpit, rear view, To GCS, From GCS, overhead view) controlled from a USB joystick.
- Variable-speed replay
- Detailed representation of mission parameters, including:
  - Indicated Airspeed and Ground Speed
  - Altitude
  - Attitude
  - Mission Time
  - Alarms
  - Wind speed and direction





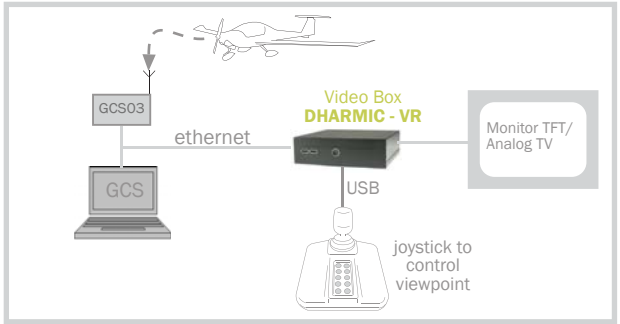
DHARMIC-VR hardware technical

Dimensions:	1.89" Height x 6.5" Width x 6.1" Depth
Weight:	3.2lb
Operating System:	Ubuntu Linux v7.04

DHARMIC-VR flight reproduction

Dharmic Hardware receives data by its Ethernet connection from the Ground Control Station and creates an interface with the flight simulator which reproduces the flight in real time. It can also be connected to the host PC and reproduce all recorded flights in ".uav" files.

Real-time virtual reality view of flight data



Virtual reality view of recorded flight data