



Sanctuary

Visuals Effects Brief 2 - NANOBAT

Sanctuary is a re-mixable live action graphic novel.

In the near future, Blake is a sixteen year old girl in small town Australia. In the space of 24 hours she goes from being an unruly school kid to one of the State's Most Wanted. After witnessing the death of her father, Daniel, she adopts his legacy in a way he would never have imagined.

Blake vs Daniel

A teenage girl is traumatised by seeing her father killed, convinced that she is responsible for his death, and plagued by guilt that they parted on bad terms.

The Activists vs The State

Someone in government has devised a plan to discredit local activists by framing them as terrorists and implicating them in the destruction of a wildlife sanctuary.

The Real vs The Virtual

The development of Virtual worlds in 2012 is accelerating at the expense of the real world.

What is a Nanobat?:

A Nanobat is a tiny flying surveillance robot that sends information from the real world to the virtual world – i.e. it webcasts.

A Nanobat has two modes – sleep and awake. When asleep the device rolls up discreetly like a Baseball (see picture 1). When woken up by an event (e.g. gunshot, logging noises) the Nanobat unfurls “wings” for steering and attempts to establish network connections to other nanobats (to relay data and coordinate movement) and the public Internet (to webcast to the wider activist community). Once in flight (e.g. once thrown by Daniel), it is highly maneuverable.

MOBILITY OPTIONS BEING CONSIDERED:

- short bursts from hydrogen jets
- electronic control surfaces contort the surface of the wings

The device can easily gain 360 degree visibility and mobility.

A nanobat is not designed for combat although it can operate kamikaze-style. Its primary function is to witness, recording live action for the activists.

The nanobat is a “home-made” design evolved from present-day tracking technology like RFID/TinyOS “smart sensor” networked devices (e.g. used in minefields, supermarkets, bird rookeries) and prototype US Marines hand-held robots.

When do the Nanobats appear in Sanctuary?:

The nanobats appear in scene 22 and 24. 16 shots in total. TBC

There are several nanobats, one carried by Daniel and several (minimum two others) that have been previously planted in the bush (like bugs). They are all destroyed in the conflict in the process of recording.

The nanobat will have to be modeling only 10 shots in CG then animated to suit the live action sequence in the bush. *See picture 2.*

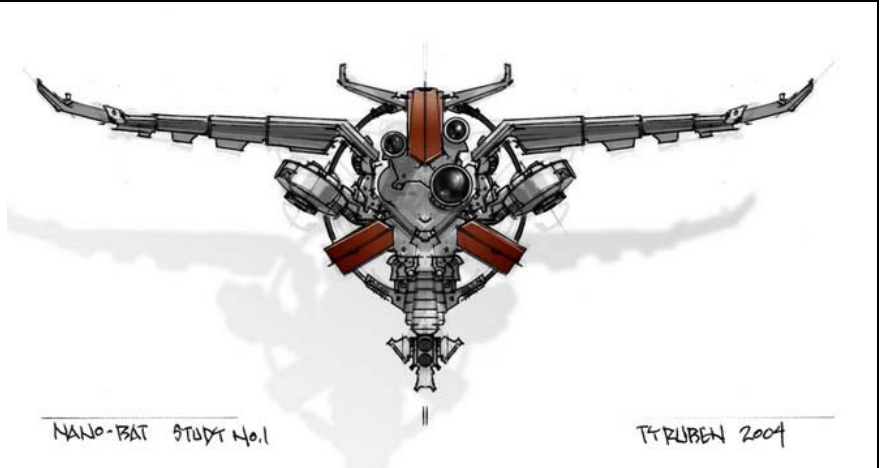
On most of the CG shots, the Nanobat will be the only element in the frame. There will be no drama acting but the function of the device as a camera must be clear.

The elements added to all the 16 shots will be smoke, heat wave, dust and the bush. *See picture 3.*

References pictures:



Pict 1 - Unfold Nanobat -
Approximate size



Pict 2 - Full length Nanobat design TBC



Pict 3 - The Bush on Fire