FIGURE 1

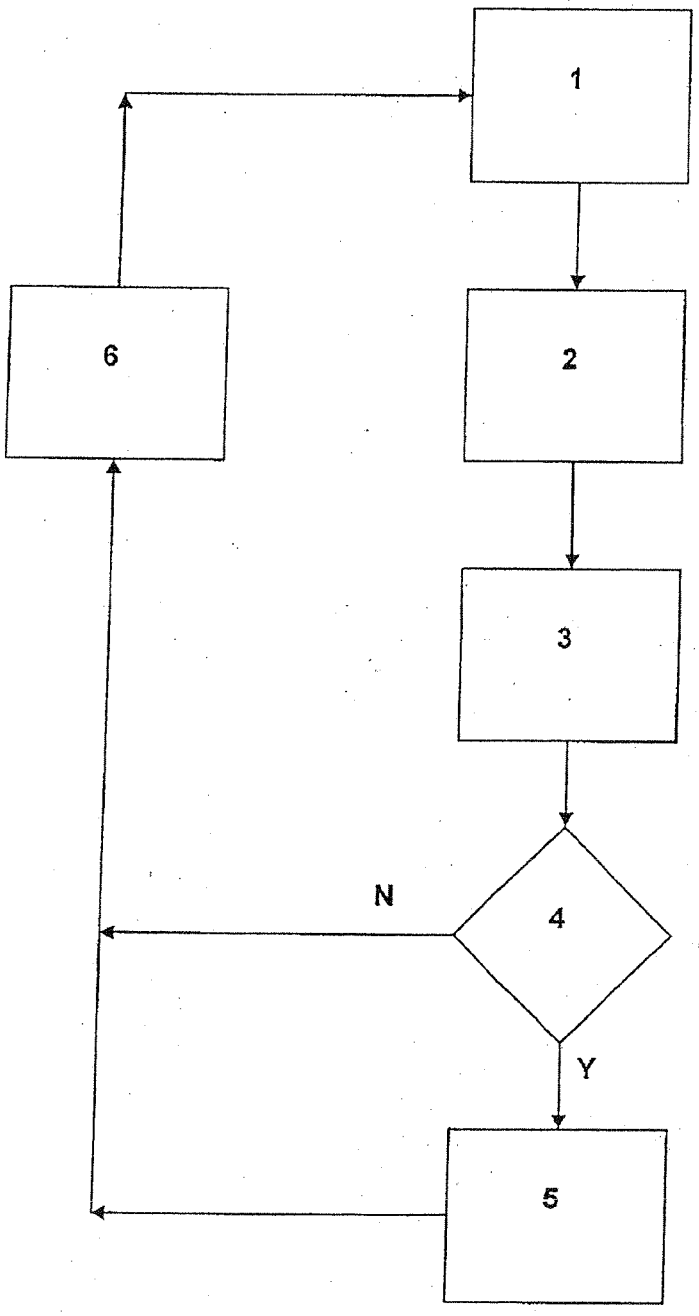


Figure 2

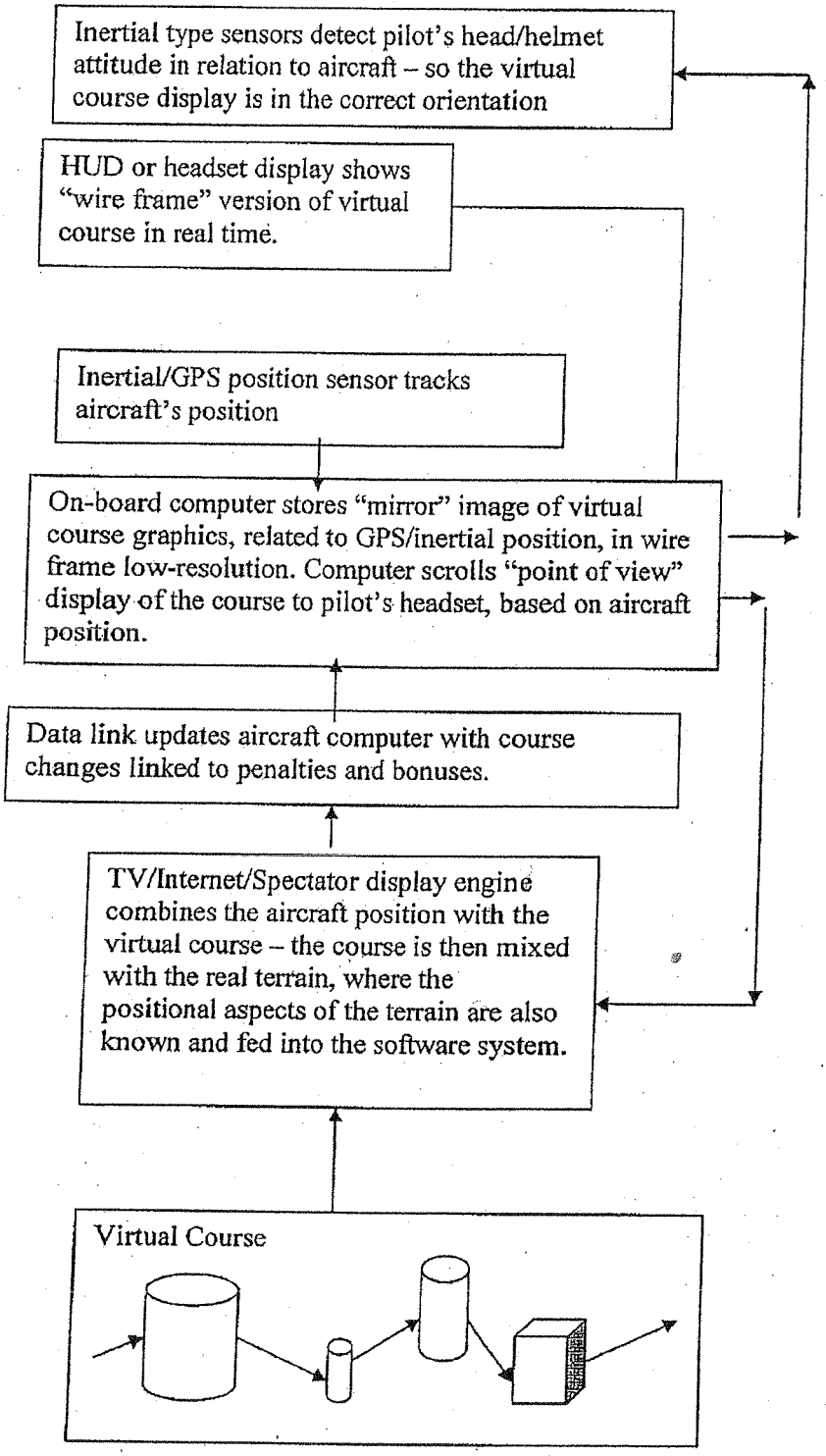
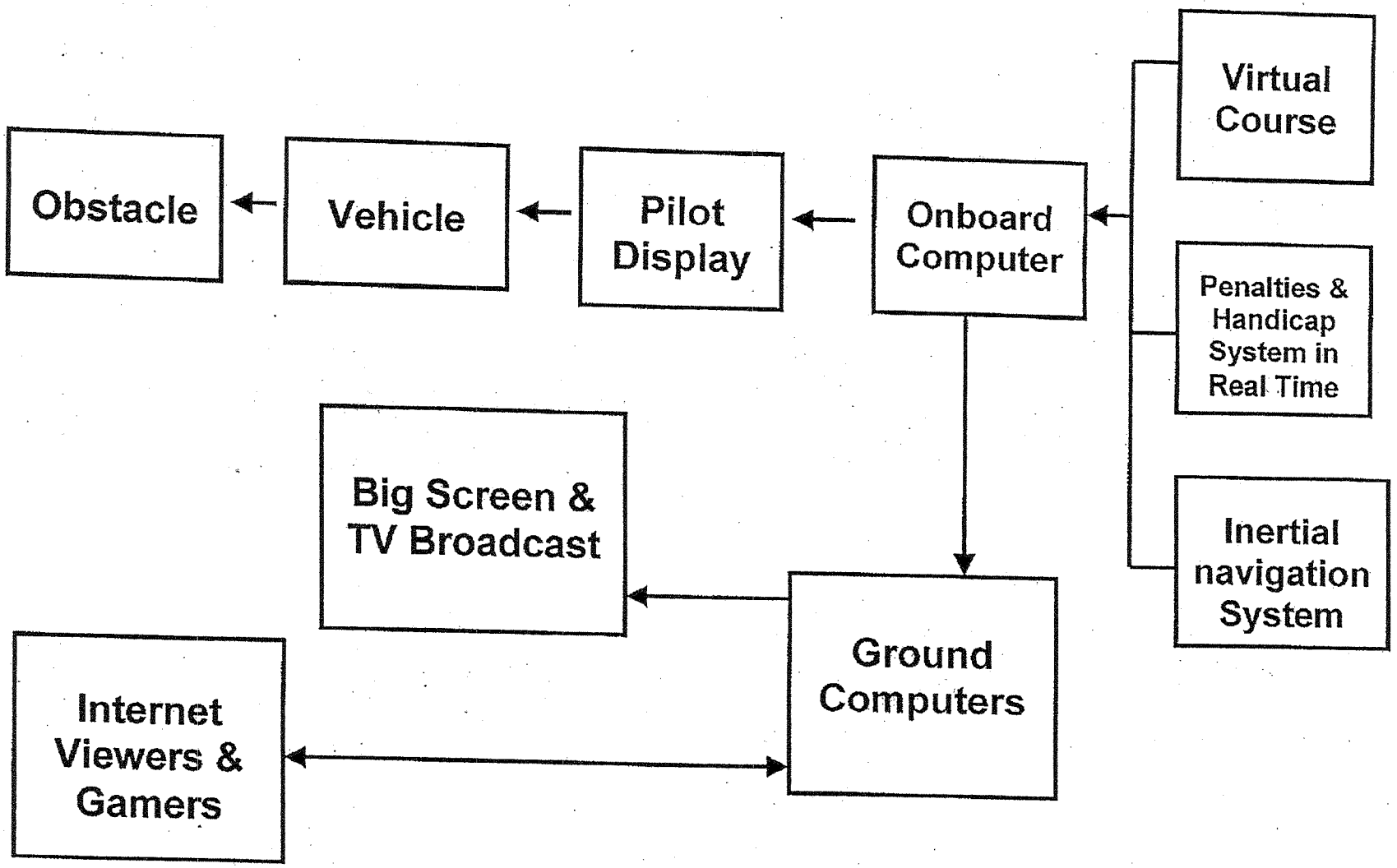

Inertial type sensors detect pilot's head/helmet attitude in relation to aircraft – so the virtual course display is in the correct orientation
HUD or headset display shows "wire frame" version of virtual course in real time.
Inertial/GPS position sensor tracks aircraft's position
On-board computer stores "mirror" image of virtual course graphics, related to GPS/inertial position, in wire frame low-resolution. Computer scrolls "point of view" display of the course to pilot's headset, based on aircraft position.
Data link updates aircraft computer with course changes linked to penalties and bonuses.
TV/Internet/Spectator display engine combines the aircraft position with the virtual course – the course is then mixed with the real terrain, where the positional aspects of the terrain are also known and fed into the software system.
Virtual Course

Figure 3



Amended Sheet
IPEA/AU