Regulatory requirements that impact on the safe use of Remotely Piloted Aircraft Systems, Unmanned Aerial Systems and associated systems.

Dear sir/madam,

I congratulate the Senate Standing Committees on Rural and Regional Affairs and Transport for instigating this review. Similarly, I strongly support CASA's ongoing work in the development of a safe and appropriate framework for supporting the integration of UAV/UAS into the Australian national airspace.

Please find attached a copy of paper that I wrote for GEOMATICA special edition regarding RPAS/UAV/UAS. This paper discusses potential applications of unmanned aerial vehicles (UAVs) for disaster management and it relates to section f of your inquiry, namely:

> *"the potential recreational and commercial uses of RPAS, including agriculture, mining, infrastructure assessment, search and rescue, fire and policing operations, aerial mapping and scientific research".*

In addition to this paper I am currently involved in ongoing researching pertaining to the use of UAV/UAS at the University of Melbourne with the Centre for Disaster Management and Public Safety (CDMPS) (see http://www.cdmps.org.au/) where UAV/UAS are a key area of interest.

When considering how UAV/UAS can be used by Australian police and emergency services, broader consideration should be given to the communications requirements that are needed to make this become a reality. The Committee should consider the ongoing work in relation the public safety communications ecosystem especially in relation to the potential development of the Public Safety Mobile Broadband Network.

Should you wish to clarify any aspect of the attached paper I would be happy to make a formal presentation to you. Similarly, if you would like to learn more about the CDMPS I am in the position to organise a visit for your Committee or members of the committee.

I look forward to hearing from you.

Yours Sincerely

Mr Ged Griffin