

# Norton R. Townsley

*Patent Attorney/Professional Engineer*

100 Corporate Pointe, Suite 330  
Culver City, CA 90230  
Phone (310) 645-7259 • Fax (310) 854-6562

September 27, 1996

William S. Ramsey  
Attorney at Law  
BORINSKY, RAMSEY AND COOK, LLC  
The Amdahl Building, Suite 250  
10420 Little Patuxent Parkway  
Columbia, MD 21044

Dear Bill:

Please conduct your standard patentability search for a remote flight recorder and timely aircraft advisory system. The inventor has provided the enclosed preliminary write up and drawings.

What this invention boils down to is replacing the current, on-board flight data recorders (the black boxes they always search for when airplanes crash) with on-board sensors and radio transmitters. Consequently, aircraft flight data can be constantly recorded remotely from the aircraft. This would provide cost and weight savings as well as eliminate the need for a search for the black box when an aircraft crashes. It could also provide an indication of which direction the aircraft went when it failed thus enabling people to better estimate where a downed aircraft can be located.

In addition, with a global communication network in place and a few more sensors, the system will be able to identify components which need to be serviced or replaced and will be able to provide real time emergency advice to cockpit crews.

Please send two copies of each patent that you uncover. Thank you and again, if you have any questions, please do not hesitate to call.

Yours sincerely,

Norton R. Townsley