

From: Scott Hodgson

To: Doug Young
Date: February 05, 2010

Subject: Request for Info - STA File #0056-EX-ST-2010

Message:

Mr. Young,

In reference to correspondence number: 10125:

Normally (probably 99% of the time), the ground station is at a fixed location within the tether test area on Honeywell's property. However, there are times when we need to move the ground station outside the tether test area (in order to verify system integration and radio reception quality). On these occasions, the ground station can be a fixed distance (up to 5 km) away from the tether area while transmitting, or the ground station can be moving while transmitting.

The air vehicle (at the tether location) is always tied to the ground via the tether. The tether is not 5 km long. Our tether system is a cable (approximately 200 ft long) suspended between two poles that are 90 ft high. So our air vehicle is constrained by the tether system to box approximately 150 ft wide by 200 ft long by 200 ft high. So, although the air vehicle is constrained to this box, the ground station could be at a fixed location within the tether area, or it could be outside the tether area (either stationary or moving).

Thank you
Ragon Michael
Honeywell International
505-828-5526