



Mobile Self-Leveling Landing Platform for VTOL UAV's

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Summary: A semi-autonomous mobile landing platform for VTOL UAV's

Description: This invention is a semi-autonomous mobile self-leveling landing platform designed to launch, recover and re-launch VTOL UAV's without the need for human intervention. The landing platform, which serves as its own UGV, is rugged, lightweight and inexpensive, making it ideal for civilian applications that require a base station from which a rotorcraft UAV can be launched and recovered on terrain that is normally unsuitable for UAV operations. This landing platform is capable of self-leveling on rough terrain and inclined slopes, and it can autonomously operate in remote locations for extended periods of time using large onboard lithium batteries and wireless communication.

Advantages of this Invention:

- Increased range and endurance for unmanned helicopters
- Ability to land and take off from remote and otherwise unsuitable locations, reducing frequency of return/retrieval



Potential Areas of Application:

- Military or civilian use
- Any applications requiring "eyes in the sky" capabilities

Stage of Development: First full prototype completed and tested in January 2014

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Intellectual Property Status: Patent Pending, Application #62/019,130

Opportunity: We are seeking an investor or strategic partner to license this invention.

For more information contact:

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