

Commercial Drone Use = Very Broad...

Operational Improvements / Resource Management / Public Safety

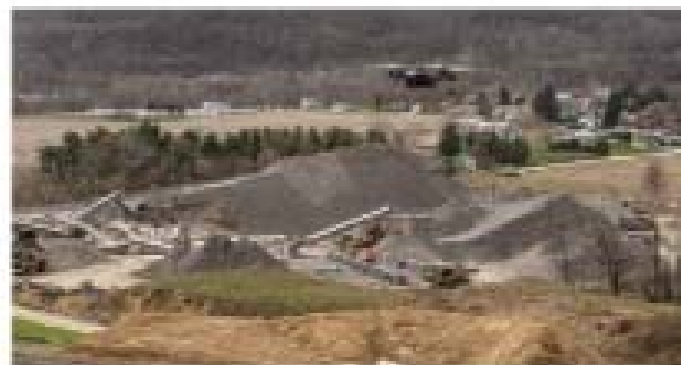
Precision Agriculture

Golden Prairie uses drones to capture soil & growth information on 10K+ acres of organic millet crops in high plains of eastern Colorado, USA



Mining & Quarrying

Barrick Gold / Imerys / Rio Tinto using drones for pit surveys / stockpile management / road analysis



Infrastructure Inspection

San Diego Gas & Electric testing drones for electric & gas line inspections



Disaster Response

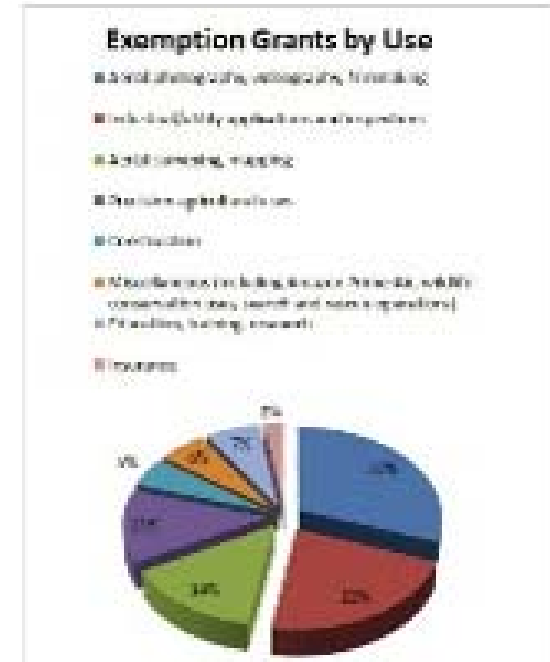
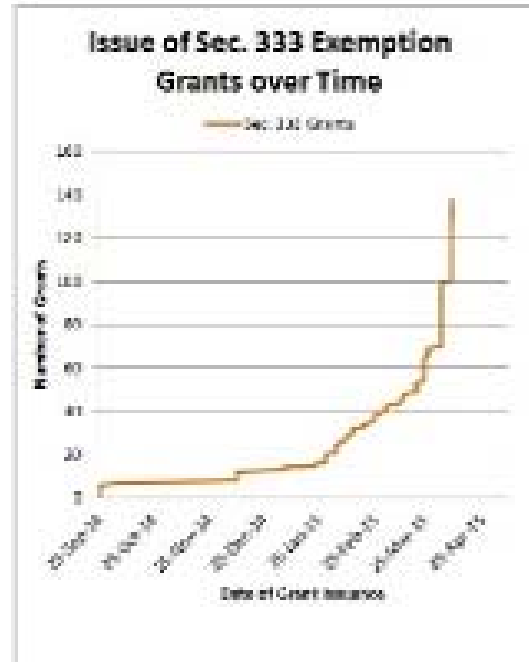
Drones used to assess damage & for relief efforts in Nepal & Haiti after earthquakes



USA = Previously Held Back by Regulation... Opening for Business = >400 American Companies Approved to Commercially Operate Drones

Countries Ranked by Government Accommodation for Drones

- 1) France & United Kingdom
- 2) Canada
- 3) Australia
- 4) Japan
- 5) USA
- 6) China



Transportation



Construction



Electric Grid



Insurance



Oil & Gas



Precision Farming



Source: KPCB Business Insight for rankings, Thompson Coburn LLP for Sec 333 exemptions (<http://www.thompsoncoburn.com/news-and-information/publications/publication15-04-17/section-333-at-200-days-where-are-we-now.aspx>), Airnews for companies with public domain licenses.

Note: Per the FAA, Section 333 of the FAA Modernization and Reform Act of 2012 (MRA) (PDF) grants the Secretary of Transportation the authority to determine whether an airworthiness certificate is required for a UAS to operate safely in the National Airspace System (NAS). This authority is being leveraged to grant case-by-case authorization for certain unmanned aircraft to perform commercial operations prior to the finalization of the Small UAS Rules, which will be the primary method for authorizing small UAS operations once it is complete.