


NATIONAL GEODETIC SURVEY


## The Application of High-Degree Gravitational Models to Processing Airborne Gravity Collected under the NGS GRAV-D Project

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## NGS & GRAV-D



- In the U.S.A, the **National Geodetic Survey [NGS]** holds the charter to compute the geoid model for the USA and its territories.
- Their ambitious "**Gravity for the Re-definition of the American Vertical Datum**" [**GRAV-D**] project aims to update the NGS gravity holdings by flying new airborne gravity surveys over a large fraction of the USA and its territories.
- SGT uses high-resolution 'Test' EGMs to capture the airborne survey data.
- This approach is proving to be a highly versatile and effective means of assessing the new airborne gravimetry, as well as 'downward-continuing' it to the physical surface of the Earth.

