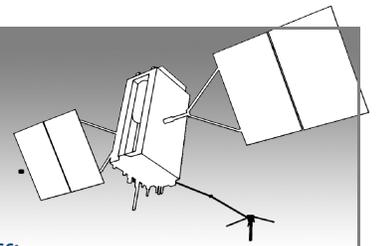


GPS

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*Information for Policymakers from the National Coordination Office
for Space-Based Positioning, Navigation, and Timing (PNT)*

July 2010

Civil GPS Upgrades on Track Toward Full Funding

The House passed the FY 2011 Transportation, Housing and Urban Development, and Related Agencies Appropriations Act (H.R. 5850) on July 29. The bill contains \$58.5 million to add new, civil unique capabilities to the GPS program through FAA account 2D11. This matches the President's budget request, and represents a \$15.1 million increase from FY 2010. The Senate Appropriations Committee's version of the bill (S. 3644), passed July 22, also includes full funding for civil GPS requirements. For detailed information about this funding line and all others mentioned below, go to <http://pnt.gov/policy/legislation/funding/2011.shtml>.

House and Senate Differ on Funding for Ground-Based Augmentation Systems (GBAS)



H.R. 5850 fully funds the GBAS program at \$14.5 million through the "NextGen Flexible Terminals and Airports" account (FAA account 1A13). The bill also establishes a new line item, allocating another \$10.1 million to add GBAS to three more airports. It also includes a 90-day FAA reporting requirement on

system installation, site selection, and demonstration plans.

Separately, S. 3644 calls for broad reductions to the entire NextGen program, including a \$16 million cut to FAA account 1A13. It is unclear how this would affect the GBAS activity within that account.

GBAS, also known as the Local Area Augmentation System (LAAS), is a modern, GPS-based airport safety system that provides the extremely high accuracy, availability, and integrity needed for precision approaches under challenging weather conditions.

House Recommends \$3M Cut to WAAS

The House THUD bill provides \$92 million for the Wide Area Augmentation System (WAAS), \$3 million below the President's request via FAA account 2D03. Meanwhile, the Senate Appropriations Committee voted to fully fund the program. WAAS is a GPS-based aviation safety system for the takeoff, en route, and terminal approach phases of flight.

House and Senate at Odds Over Nationwide Differential GPS (NDGPS) Funding

H.R. 5850 funds the inland portion of NDGPS at \$9.4 million, a \$1.8 million increase above the request. The increase supports equipment recapitalization at NDGPS sites. S. 3644, however, allocates \$7.4 million for the program, \$200K below the request, directing \$2 million towards equipment recapitalization. NDGPS is a land-based network that improves GPS accuracy and safety for land and maritime users.

New National Space Policy Addresses GPS Leadership



On June 28, 2010, President Obama issued a new National Space Policy addressing all U.S. Government activities in space.

The policy specifically reaffirms existing U.S. commitments to GPS service provision, international cooperation, and interference mitigation. For detailed information about the new policy provisions related to GPS, visit <http://pnt.gov/policy>.



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