



AMERICAN SPACE RENAISSANCE ACT

NATIONAL SECURITY PROVISIONS ADOPTED IN FY17 NATIONAL DEFENSE AUTHORIZATION ACT

ASRA Provision

House NDAA Outcome

<p>Section 101(f) – Requires increased utilization of hosted payloads; incorporation of HPs into future Analysis of Alternatives (AoA); plan to allow new entrants into Hosted Payload Solution (HoPS) program</p>	<p>Adopted as report language at Full Committee markup.</p> <ul style="list-style-type: none"> Briefing on plan to incorporate HPs into future AoAs and promulgation of standards to qualify for HoPS
<p>Section 103(b) – Modifies Wideband Satellite Communications (SATCOM) Analysis of Alternatives to fully consider commercial technologies and service models; requires apples-to-apples MILSATCOM vs. COMSATCOM cost comparisons; directs GAO to review AoA to ensure its compliance with Congressional direction</p>	<p>Adopted as Section 1603</p>
<p>Section 103(d) – Authorizes full funding for Protected Tactical Service (PTS) SATCOM program (\$150m)</p>	<p>PTS is fully funded at requested level</p> <ul style="list-style-type: none"> Air Force, RDT&E, Advanced EHF Space Modernization Initiative, PE 0605431F
<p>Section 103(e) – Authorizes full funding for Space and Missile Systems Center SATCOM Pathfinder Program (\$30m)</p>	<p>SMC Pathfinder fully funded at requested level</p> <ul style="list-style-type: none"> Air Force, Space Procurement, WGS
<p>Section 103(f) – Authorizes \$50m for Section 1605 SATCOM pilot program</p> <ul style="list-style-type: none"> Leap-ahead commercial SATCOM technologies such as utilizing High Throughput Capacity 	<p>Adopted as Section 1604</p> <ul style="list-style-type: none"> Funded at \$30m Requirement for AF to begin implementation by FY18
<p>Section 104(f) – Limits Air Force Weather Agency funding pending certification of competition for weather forecasting model.</p> <ul style="list-style-type: none"> AFWA select British Meteorological Office global weather model and did not consider commercially available U.S. models 	<p>Adopted partially in Strategic Force mark report language</p> <ul style="list-style-type: none"> Requires AF briefing on weather model competition
<p>Section 104(g) – Starts a commercial weather data pilot program. Directs SECDEF to award contract to assess viability of leveraging commercial weather data in DOD weather modeling and forecasting. Authorizes \$10m for the program.</p>	<p>Adopted as Section 1609.</p> <ul style="list-style-type: none"> Authorizes \$3m to purchase and evaluate commercial data (AF, RDT&E, Weather Service, PE 0305111F)
<p>Section 105(a) – Authorizes full funding for Joint Interagency Combined Space Operations Center (\$30m)</p>	<p>JICSpOC fully funded at requested levels</p>
<p>Section 106(b) – Establishes a Venture Class Launch Services program to competitively award contracts for small launch services. Program mirrors NASA's VCLS program. Authorizes \$27m</p>	<p>Adopted partially in Chairman's Mark.</p> <ul style="list-style-type: none"> \$20m added in AF, RDT&E, Operationally Responsive Space, PE 0604857F for "Responsive Launch and Reconstitution"
<p>Section 107(a) – Requires Air Force to fully commercialize day-to-day operations of Air Force Satellite Control Network by 2018.</p>	<p>Adopted partially in Strategic Forces mark report language.</p> <ul style="list-style-type: none"> Requires briefing on costs/benefits of leveraging commercial facilities and operations for AFSCN