

Progress 44 Manifest (Partial) USOS (U.S. On-Orbit Segment) Cargo

<p>Food</p> <ul style="list-style-type: none"> • 12 standard menu items • 10 bonus items for Burbank, Pettit and Kuipers 	<p>291 pounds (132 kilograms)</p> <p>Food</p>
<p>Crew Provisions</p> <ul style="list-style-type: none"> • 37.5 pounds (17 kilograms) Russian provisions for USOS • 46.3 pounds (21 kilograms) of U.S. provisions for USOS • 33 pounds (15 kilograms) of crew personal preference items three crew care packages 	<p>117 pounds (53 kilograms)</p> <p>Crew clothing</p> <p>Clothing, sanitary hygiene and office resupply</p> <p>Crew personal/preference items</p>
<p>Payloads (USOS and ESA)</p> <ul style="list-style-type: none"> • Fluids and Combustion Facility (FCF) hardware • Anomalous Long Term Effect on Astronauts (ALTEA-GAP) hardware • Spacecraft Single Event Environments at High Shielding Mass (HiMassSEE) • Human Research Program (HRP) resupply hardware • Space Acceleration Measurement System-II (SAMS II) • Portable Pulmonary Function System (PPFS) for ESA 	<p>57.3 pounds (26 kilograms)</p> <p>Fluids and Combustion Facility lighting hardware for scientific data collection</p> <p>Anomalous Long Term Effect on Astronauts Shield Proactive Covers for nerve system experiment scientific data collection</p> <p>A NASA/JSC Engineering experiment designed to measure space radiation interactions with spacecraft structure and shielding using several passive track detector technologies to provide a more accurate definition of payload accommodations</p> <p>Human Research Facility resupply hardware and sample collection kits for human body microgravity research</p> <p>Cable to support constant SAMS vibration monitoring in Columbus laboratory</p> <p>Portable PFS maintenance items for (preventive) maintenance on lung function experiment equipment</p>

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EVA Hardware	26.5 pounds (12 kilograms)
<ul style="list-style-type: none">• 2 Liquid Cooling Ventilation Garments (LCVGs)• 2 Communication Carrier Assemblies (CCAs)• 1 EVA Crew Options Kit (ECOK)	Thermal garments utilized during Extravehicular Activities (EVAs) Communication caps utilized during EVAs Crew personal/preference items utilized during EVAs
Crew Health Care System (CHeCS) Hardware	30.8 pounds (14 kilograms)
<ul style="list-style-type: none">• Prescription eyewear• 4 treadmill harnesses• Cycle Ergometer with Vibration Isolation and Stabilization (CEVIS) Isolator Kit• Numerous Environment Health System (EHS) sample kits	Prescription eyewear Harnesses used to restrain crew members while exercising on Combined Operational Load Bearing External Resistance Treadmill Stationary bicycle replacement components utilized to keep crew exercise vibrations for disturbing microgravity experiments Kits used to collect surface, air and water samples as part of Environmental Health System
ECLSS Hardware	286.6 pounds (130 kilograms)
<ul style="list-style-type: none">• ACY (toilet) resupply hardware (5 KTO's and 10 one-year EDVs)	Toilet supplies including solid waste containers
Portable Computer System (PCS) Hardware	19.8 pounds (9 kilograms)
<ul style="list-style-type: none">• 1 T61P laptop and 10 T61P battery packs	Laptop hardware, including spare cables and batteries
Caution and Data Handling (C&DH) Hardware	6.6 pounds (3 kilograms)
<ul style="list-style-type: none">• 1 MDM/EPIC front panel and 1 Circuit Card Assembly (CCA)	Spare computer card for upgrade to station's primary computers
Flight Crew Equipment Tools	2.2 pounds (1 kilogram)
<ul style="list-style-type: none">• Socket• Hammer• Hex head drivers	Maintenance/repair tools Maintenance/repair tools Maintenance/repair tools