Things We Do
“USTRANSCOM provides full-spectrum global mobility solutions and related enabling capabilities for supported customers’ requirements in peace and war.”
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The USTRANSCOM Team

Surface Deployment/Distribution Command
Force = 3,500

Military Sealift Command
Force = 8,200

Air Mobility Command
Force = 131,000

Joint Enabling Capabilities Command
Force = 1,363

Commercial Industry Contribution
~950 Aircraft
~375 Vessels

~150,000 People
$2.6B in Assets
$12.8B in Revenue

Challenge -- Deliver an end-to-end deployment and distribution capability that’s
Precise, Reliable & Efficient
On Any Given Day……..

• 100 railcars loading/enroute/off-loading
• 25 ships underway + 9 ships loading or offloading
• 1,000 truck cargo shipments
• 1,600 household goods movements
• 400 airlift sorties
• 60 operational air refueling sorties
• 35 patients being air evacuated
• 25 couriers enroute
• Aircraft takeoff or landing every two minutes
USTRANSCOM Strategic Focus Areas

Preserve Readiness Capability
- Cross-Domain Information Exchange & Collaboration
- Knowledge Management
- Information Assurance & Survivable Communications

Achieve IT Management Excellence
- Adaptive Planning & Execution
- Distribution Planning & Forecasting
- Information Visualization

Align Resources & Processes for Success

Develop Customer-Focused Professionals

Vision: Deliver critical transportation & enabling capabilities that help make America a global power
Together, we deliver.

RDT&E Program Foundation/Vision

**UCP:** “Coordinating and overseeing the DOD distribution system to provide interoperability, synchronization, and alignment of DOD-wide, end-to-end distribution.”

- Improve JDDE logistics effectiveness & efficiency
- Provide tangible cost savings to be passed back to the DoD

**PBD 703:** “...need for a centralized R&D program for quick payoff technologies to enhance the efficiency and effectiveness of Defense distribution and transportation systems.”

**Goals:**

- Develop and deploy joint, relevant technologies to improve Warfighter mobility and support

**DoDI 5158.06:** “Enhance the DOD global distribution system by engaging in innovative and transformational distribution-related research, including force projection, sustainment, and redeployment/retrograde related research, ...”

- $475M Services/Agency/OSD leveraged;
- >90% Transition Rate (DOD metric is 30%);
- Return on Investment 7:1
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Research & Development

- **Joint Universal Causeway Interface Module**: Universal interface for disparate service connectors/causeways.
- **Preamble Initial Look Leading to Accelerated Results**: Provide an autonomous pier damage assessment capability.
- **Port Improvement via Exigent Repair**: Robust capability to rapidly repair degraded seaport.
- **Precision On Demand Aerial Resupply**: Provide isolated units ability to request, track & recover aerial resupply.
- **Enhanced Vision Navigation for JPADS**: Enable airdrop operations in areas of reduced or denied GPS.
- **Humanitarian Operations in Populated Environments**: Direct delivery of relief supplies to populated areas in hours vice days.
- **Joint Biological Agent Decontamination System**: Decontaminate an encapsulated aircraft using heat & humidity.
- **Global Mission Scheduling**: Fine-tune pairing of air movement requirements and resources.
- **Class IX Demand Forecasting**: Exposing demand pattern dynamics/variability to be dealt with proactively.
- **Geo-spatial Information Management**: Integrate web mapping capabilities with high end analytical mapping services.

Together, we deliver.
RDT&E Process

- Approx $30M/yr budget; typically $4M-$8M available for new initiatives each year (6-8 projects)
- Over 60 industrial, 50 government and 10 academic partners have received USTRANSCOM RDT&E funds
- Only submissions from government organizations are considered
- Industry may partner with government sponsor, but acquisition rules must be followed
- Annual solicitation announcement (E-mail, web page, DTIC) for Phase I White Papers is 1 March
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