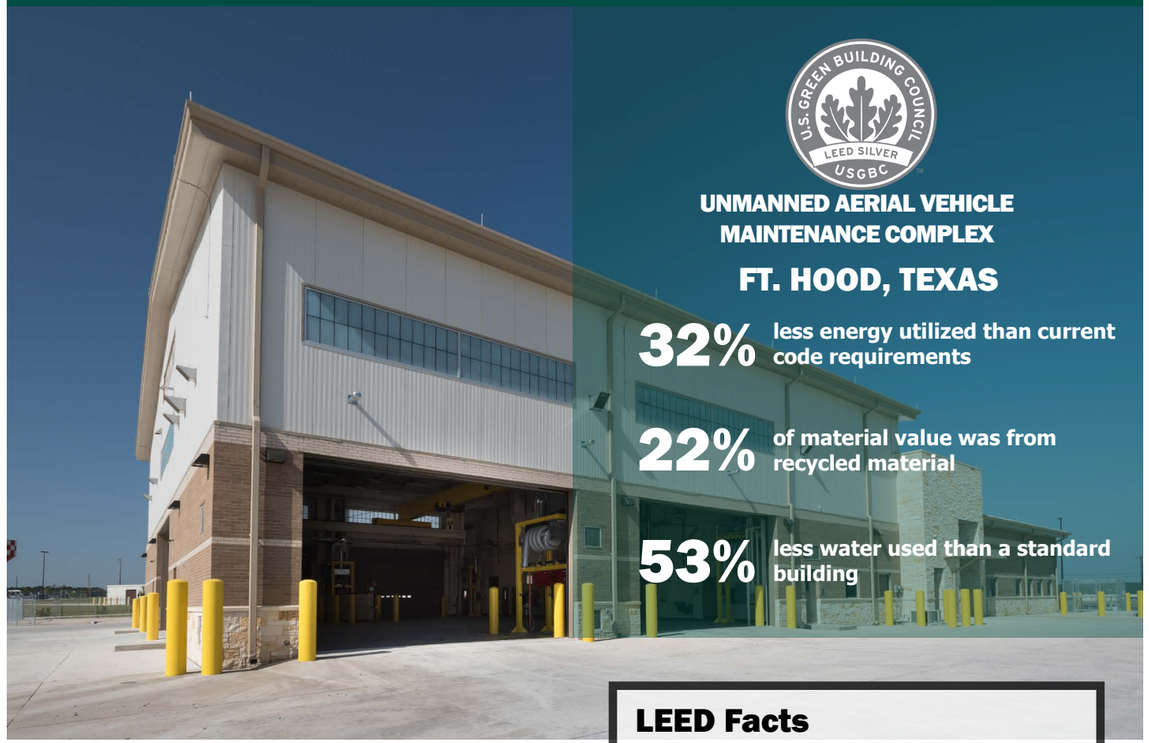
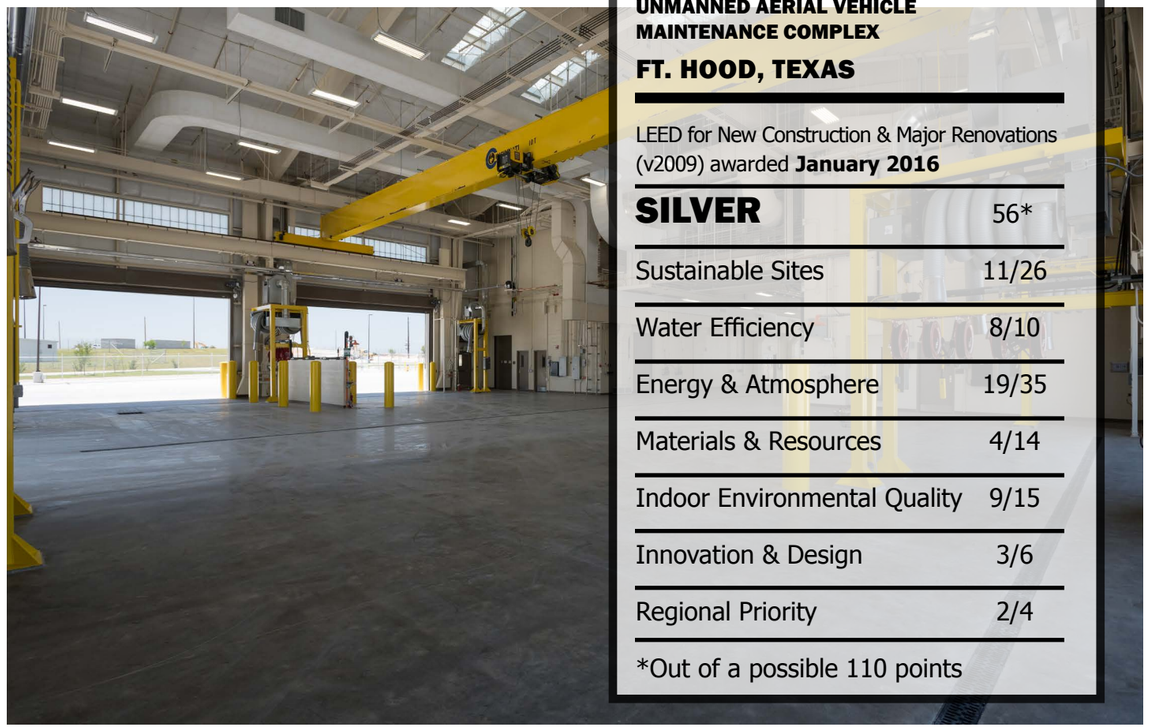
PROJECT PROFILE





LEED Facts

UNMANNED AERIAL VEHICLE MAINTENANCE COMPLEX

FT. HOOD, TEXAS

LEED for New Construction & Major Renovations (v2009) awarded **January 2016**

SILVER	56*
Sustainable Sites	11/26
Water Efficiency	8/10
Energy & Atmosphere	19/35
Materials & Resources	4/14
Indoor Environmental Quality	9/15
Innovation & Design	3/6
Regional Priority	2/4

*Out of a possible 110 points

LEED® PROJECT PROFILE

Unmanned Aerial Vehicle Maintenance Complex • Ft. Hood, Texas

The Unmanned Aerial Vehicle Maintenance Complex applied for 56 out of 110 possible LEED points ("credits"). Some of the credits applied for include:

- **SS PREREQUISITE 1: CONSTRUCTION ACTIVITY POLLUTION PREVENTION** – A stormwater pollution prevention plan was implemented that reduced pollution from construction activities by controlling soil erosion, waterway sedimentation and airborne dust generation.
- **SS CREDIT 1: SITE SELECTION** – This project was not built on an environmentally sensitive site.
- **SS CREDIT 4.3: ALTERNATIVE TRANSPORTATION – LOW EMITTING AND FUEL EFFICIENT VEHICLES** – Preferred parking was provided for low-emitting and fuel-efficient vehicles.
- **SS CREDIT 5.2: SITE DEVELOPMENT – MAXIMIZE OPEN SPACE** – Vegetated open space was provided that was equal in area to the building footprint.
- **SS CREDIT 6.1: STORMWATER DESIGN – QUANTITY CONTROL** – Increased the amount of on-site infiltration, reducing the amount of pollution from stormwater runoff.
- **WE CREDIT 1: WATER EFFICIENT LANDSCAPING** – No potable used for landscaping.
- **WE CREDIT 3: WATER USE REDUCTION** – This project uses 53% less water than a standard building.
- **EA CREDIT 1: OPTIMIZE ENERGY PERFORMANCE** – This project utilizes 40% less energy than current code requirements.
- **EA CREDIT 2: ON-SITE RENEWABLE ENERGY** – This project generates 3% of its energy usage from a solar hot water system.
- **MR PREREQUISITE 1: STORAGE AND COLLECTION OF RECYCLABLES** – An easily accessible dedicated area for the collection and storage of materials for recycling was provided.
- **MR CREDIT 4: RECYCLED CONTENT** – 22% of the materials used were from recycled content.
- **MR CREDIT 5: REGIONAL MATERIALS** – 54% of the materials used were extracted, harvested, or recovered, and manufactured within 500 miles of the project.
- **IEQ CREDIT 3.1: CONSTRUCTION IAQ MANAGEMENT PLAN – DURING CONSTRUCTION** – An IAQ management plan was developed and implemented to reduce indoor air quality problems during construction.
- **IEQ CREDIT 3.2: CONSTRUCTION IAQ MANAGEMENT PLAN – BEFORE OCCUPANCY** – A full building flush-out was performed prior to occupancy to reduce the amount of contaminants for construction.
- **IEQ CREDIT 4.1, 4.2, 4.3 AND 4.4: LOW-EMITTING MATERIALS** – Low-Emitting materials were used in the building to reduce the quantity of indoor air contaminants that are harmful to the comfort and well-being of the installers and occupants.
- **IEQ CREDIT 6.1: CONTROLLABILITY OF SYSTEMS – LIGHTING** – Individual lighting controls were provided for 100% of the building occupants.

JS CONSTRUCTION COOKEVILLE, TN

U.S. GREEN BUILDING COUNCIL MEMBER