



The main terminal at Houston's Henriksen Jet Center features a Norco One-way door system with two independent groups of four leaves.

HANGAR DOORS HELP AIRPORT MEAN BUSINESS

Three Norco Universal Door Systems at Houston's Henriksen Jet Center are integral to Houston Executive Airport's upgraded services.

The oil and gas economy in the Texas Energy Corridor is taking off, and when busy executives come to the west Houston area to do business, they land at the newly expanded Henriksen Jet Center at the Houston Executive Airport (KTME). This fixed-based operation (FBO) is designed to enable them to fully utilize their time on the ground and meet their needs with a full range of amenities including office space, courtesy vehicles, a pilot's lounge, on-site assistants, and cooling units for planes – all available 24 hours a day.

The airport owners are continually upgrading to serve their growing clientele. Airport Executive Director Andy Perry directed the recently completed \$5 million expansion project, which included a 22,000 square foot terminal featuring the world's largest fixed-based operator arrival canopy, offering relief from the hot Texas sun.

Norco employed 3D digital modeling to ensure a seamless integration into the hangar. ▼

With the completion of this phase, the airport is now staffed with 18 employees working directly for the Henriksen Center, along with another 50 hired by the businesses that use the airport. Right now, there are 75 businesses using the airport regularly and Perry expects that number to grow. He is anticipating they will extend the 6,600 foot paved runway and add even more hangars.

Norco Door Systems at a Glance

End User: Henriksen Jet Center
Location: Houston Executive Airport

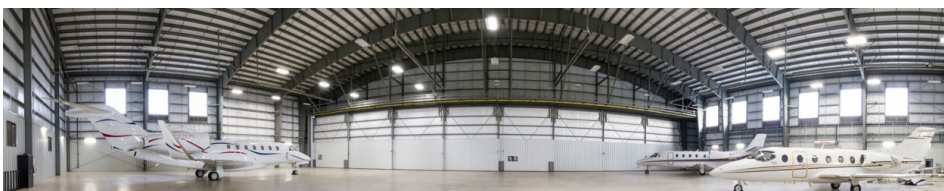
Two Openings: 180' wide by 28' high
Configuration: Eight-leaf bi-parting system
Key Feature: Doors can open to the left, right, or both depending on aircraft size

One Opening: 180' wide by 28' high
Configuration: Two groups of four leaves, one-way system
Key Feature: Each group can move independently, as needed

When it is time to get back into the air and head toward the next deal or return home after a job well done, the massive hangar doors manufactured by Norco Industrial Doors, reliably and quickly clear the opening for planes stored in the hangar.

Many of the executive users of air services are on tight schedules and accessibility is a big concern. Perry and his team have worked to make logistics at KTME very efficient. One pilot who uses KTME observes that at another area airport he can wait an additional half hour for takeoff because of traffic backups on the runway. Business in the Houston area is just that active. At Houston Executive Airport, Perry says, clients can avoid the extra wait and be in the air by 7:00 a.m., arriving at their destination on time.

Reliability was a big concern when the decision was made to invest in this very large hangar door. Houston Executive Airport management explored what other airports were using on their hangars, and learned that these locations were very satisfied with Norco's Universal Door System.



more ►

Covering a "Texas Size" Opening

After consultation with Norco's sales engineer and the project's architect, Houston Air management decided to go with the Norco bottom rolling door system. This Northern Stacking, bi-parting door system is a common choice due to the limited interior footprint and overall value.

The 180' wide by 28' high, eight-leaf bi-parting door system can open on the left side, the right side, or both depending upon the size of the aircraft.

Though intended for snow and other precipitation found in northern states, this Northern Stacking door system is ideal to ensure reliable operation despite the dust and debris kicked up by Texas winds. With the Northern Stacking door system, no portion of the bottom rail is exposed to the elements when the doors are closed. Operation of the door system is controlled on the inside of the hangar. As the door closes, the door panels cascade into the interior of the building.

A Complete System Designed with 3D Modeling

The Norco Universal Door is a complete system, including an electric operating system, upper track system (upper guides, galvanized soffit, structural supports, clips), door leaves, and perimeter seals. These items are all designed using 3D digital modeling to ensure a seamless integration into the hangar building.

For appearance, strength, and longevity the doors are constructed of galvanized secondary members and a perimeter



of hot-rolled steel. All members are pre-drilled utilizing computer controlled fabrication for easy bolt-together installation.

When the door system is closed a nylon reinforced weather seal surrounds the perimeter of each leaf ensuring aircrafts have complete protection from weather, debris, and birds. Additionally, interior perimeter seals can be easily added for maximum protection.

"Our vision in providing the services at the Henriksen Jet Center," notes Perry, "is to offer corporate business the opportunity to get out of west Houston in a timely fashion, with the ability to expand and grow in the future. The Norco door plays a key role in helping us do both."

More than just an airport, this FBO is seen as a key advantage for the west Houston economy. According to the Economic Development Council in nearby Katy, Texas,

Durability, reliability and low maintenance were three key reasons Norco doors were selected for this FBO hangar installation.

Houston Executive enables the city to go after larger companies and compete with other cities in the Texas Energy Corridor.

Global Capabilities, Local Service

Two other hangars at Henriksen Jet Center also feature Norco door systems; one with another bi-parting Northern Stack and the other with a One-way door. According to Perry, these designs have been ideal for their needs. "As far as we're concerned, the main features we got out of the doors were ease of operation and not having to deal with any problems."

This was all put together for the Houston Executive Airport by the Norco Universal Door team and is available across the country and around the world.

"For over 50 years, we have provided expert engineering, manufacturing and installation of bottom rolling doors," says Norco Industrial Doors president, Dave Eberle. "Whether in Houston, Texas or Hanoi, Vietnam, we have the technical capabilities and hands-on experience to deliver door solutions for our customers."

Openings on two of the three hangars at the Houston Executive Airport are covered by Norco's eight-leaf, bi-parting Northern Stacking door systems.



NORCO DOOR CONFIGURATIONS USED IN THIS INSTALLATION:



For more information, contact us at 262.835.2600 or visit us on the web at www.norcomfg.com

