

AVIATION RETRO-FIT

Door Engineering is the expert and your perfect resource for hangar rehabilitation and/or replacement.

Every hangar door refurbishment and/or replacement has its own unique needs. Our years of expertise can give the client the perfect door solution by keeping the original historic design, or modernizing it for today's fresh, new look! Either scenario will meet the current building codes and will provide years of trouble free service. Team-Door Engineering will consult with the customer, provide onsite inspections, design, scope of work specifications, that will ensure their requests are met. All new door/components will integrate with the existing building, door system and opening.

SCOPE OF WORK

Need a larger clear width opening? Done! Example, reconfigure an existing 4 section, trained bottom rolling hangar door, to a user friendly, electrically operated, 8-section, bi-parted, hangar door system.

BEFORE:



AFTER:



WORK DONE

- Separated the existing trained panel door sections
- Installed new telescoping assemblies to replace the old top roller assemblies
- Updated the weatherseals to our bulb-type seals for a superior seal
- Replaced the existing bottom rail system along with the wheels due to deterioration
- Updated the operator and electrical components and the feed rail with new systems

We offer a full range of replacement components for a refurbishment project including, but not limited to:

- | | | |
|-----------------------|-------------------------------------|---------------------------------|
| • Weatherseals | • Top roller assemblies | • Motors and brake motors |
| • Bottom rails | • Bumper assemblies | • Door driver operator |
| • Wheels and housings | • Electrical feed rail and fittings | • Complete operation assemblies |
| • Top tracks | • Draped S/O cord | |

AVIATION RETRO-FIT

DURING:



SCOPE OF WORK

Problem: Corrosive atmosphere

Solution: Hangar door upgrade of new hardware, electrical and operator components to meet and provide years of trouble free service in an island environment!

WORK DONE

AFTER:



- Replaced all weatherseals with bulb type seals for a superior tight seal and long lasting performance
- Control panel & electrical components (warning horns, pushbutton station)
- Complete operator assembly
- Top & Side roller assemblies
- Counterweight components
- On-site technical assistance by certified Door Engineering Technician



JOB NAME

JOB CITY

JOB STATE

Southwest Electric Co.- Private Hangar

Oklahoma City

OK

Fort Drum Hangars

Fort Drum

NY

Salina Airport- DIA Bldg. 509

Salina

KS

Minnesota Army National Guard Hangar

Minneapolis

MN

Offutt Air Force Base- Bldg. 306

Omaha

NE

Iowa Air National Guard (ANG) Bldg. 100

Des Moines

IA

Ardmore Municipal Airport Hangar

Ardmore

OK

Hickham Air Force Base (AFB) C-17 Fuel Cell Nose Dock

Oahu

HI

Mayo Clinic Hangar

Mankato

MN

Eielson Air Force Base (AFB)- 2nd Retro- Bldg. 1338

Eielson AFB

AK

Fort Belvoir Hangar Retrofit

Fort Belvoir

VA

Business Jet Center- Hangar 9 Renovation

Oakland

CA

For a complete list, visit: http://www.doorengineering.com/Products/Aviation/Aviation_RetroFit.html