

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:

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|-----------------------|-------------------------------------|---------------------------------|
| • 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 | |

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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