

## WINGRIP® BARRIER SYSTEM



The FLS Wingrip® Barrier System provides fall-restraint safety railing along the wings of an aircraft facilitating the protection of multiple workers. Quick to set up, Wingrip® barrier systems operate inside or outdoors and is applicable along the entire spectrum of aircraft shapes and sizes. For larger aircraft which require multiple maintenance activities to be performed simultaneously along the wings, Wingrip® Barrier Systems provide an ideal solution. Your workers will be able to work with confidence and efficiency.



## WINGRIP® BARRIER SYSTEM

The **Wingrip® Barrier System** utilizes Wingrip® vacuum pads to create anchor points for a barrier system that allows multiple workers to safely access the wing of an aircraft simultaneously. The center posts of the vacuum pads are fitted with uprights, which have side brackets to accept the horizontal poles of the barrier system. The horizontal poles telescope into position and pin lock into place making installation quick and easy.

### WINGRIP® SPECIFICATIONS

The Wingrip® vacuum pad is powered by compressed air or nitrogen, without the need for batteries, electrical cables or large equipment. The Vacuum pad is compressed against the aircraft and held in place due to the negative pressure beneath the pad. Being completely non-electrical and with no metal on metal moving contact, the system is inherently safe with fuel tanks open. If the air/nitrogen supply should fail, an audible alarm sounds and the Wingrip® vacuum pad will maintain a safe working vacuum for at least 20 minutes.

Wingrip® is suitable for wet or dry surfaces and can be used inside hangars or outside. Installation and removal are safe and straightforward for a single worker to carry out, as vacuum pads weigh less than 14 pounds.

### WHY FLS?

Maximizing the fall-safety provided by Wingrip® requires proper setup and training. FLS provides full technical support and training upon delivery. One manager with total accountability handles your project. Competitors can't compare with FLS' turnkey costs and services.



## FEATURES

- System provides hands-free wing access for multiple users
- Lightweight, portable, easy to install and simple to use
- Suitable for wet or dry surfaces, inside hangars or out
- Inherently safe – even with fuel tanks open
- Low operating cost



Wingrip pad secures the barrier system to the fuselage



Upright posts are anchored in place by Wingrip®

Horizontal poles pin-latch into place for easy setup

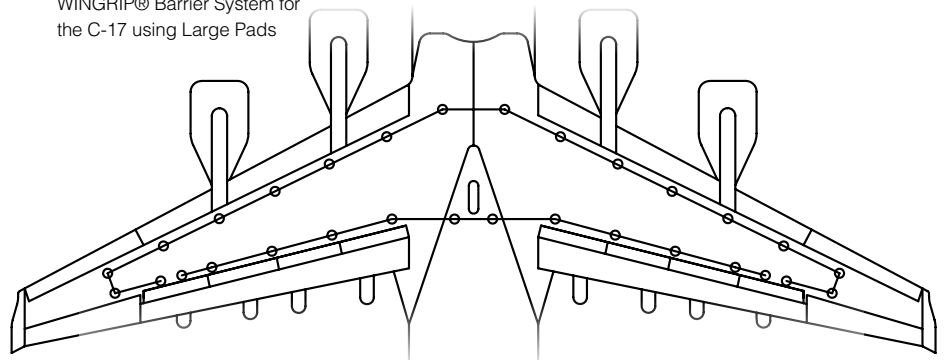
Pads compress against aircraft via vacuum generated pressure

Vacuum Hoses are anti-crush, if compressed airflow is unaffected

Vacuum module is non-electric and safe in all environments

### Sample Barrier System

WINGRIP® Barrier System for the C-17 using Large Pads



### Custom Barrier Solutions

The Specialists at Flexible Lifeline Systems have engineered Wingrip® Barrier Systems for the full spectrum of commercial and military aircraft applications. A full design service can be provided for specific aircraft with the most efficient usage of Wingrip® systems. Contact FLS with your requirements to learn how a wingrip barrier system can be put into use for your aircraft maintenance needs.

- Training and long-term support from the global leader in fall protection.
- Much easier and safer to install than mobile docking and a fraction of the cost
- Suitable for heavy/light maintenance environment.
- Tailored to customers' needs