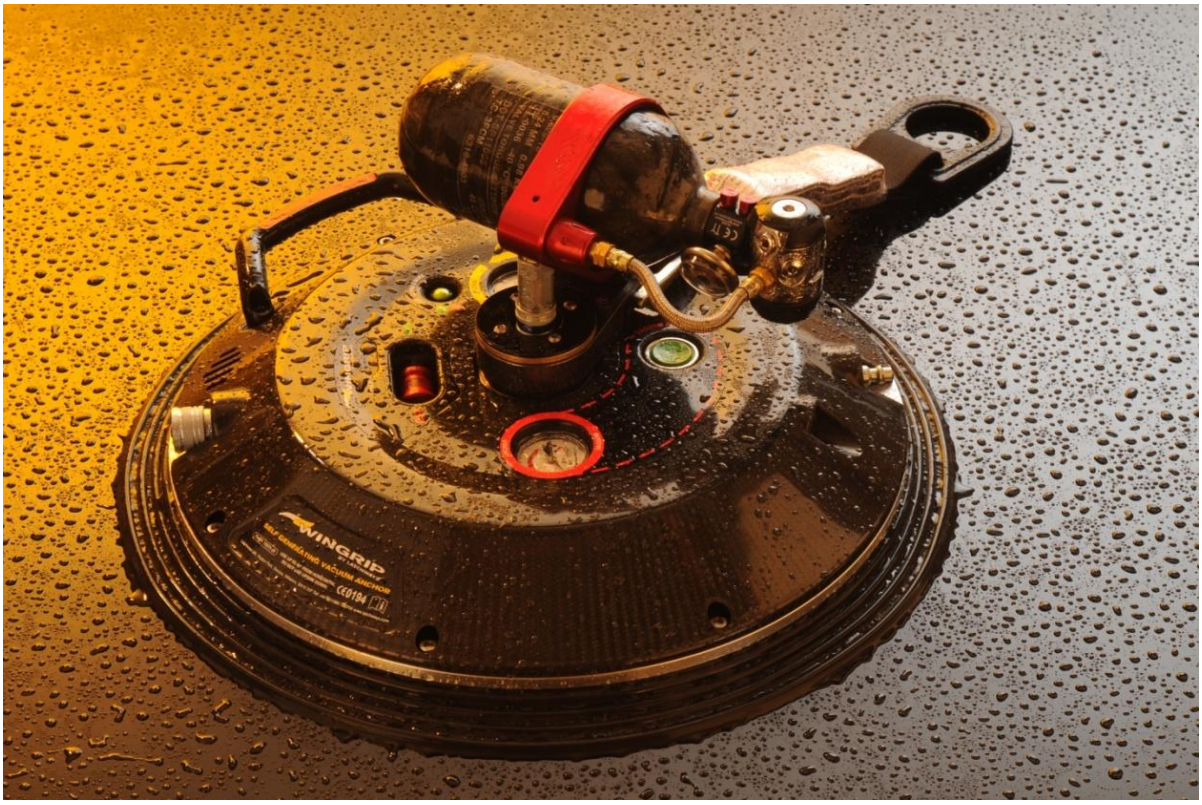
WinGrip
All-In-One Vacuum Anchor Device



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Approved: T.Bissett			Sheet 1 of 2

LATCHWAYS FALL PROTECTION

Materials

Main Components	Aluminium Alloy 6082-T6
Seal	NBR (Nitrile)
Thrust Plate	Phosphor Bronze Pb1
Hydraulic Couplings	Steel, Zinc Plated
4 kN (900 lbs) Shock Pack	Webbing with steel core over moulded D-ring – webbing static strength 22.2 kN (5000 lbs).

Quality Control

100% Visual inspection.
100% Vacuum leak tested for 200 minutes
100% Inspection gauging.
100% Dynamic conformance tested without shock pack
Peak dynamic load >24 kN (5395 lbs).

Approvals

BS EN 795 class B & E when used as a single point anchor system certified against PPE Directive 89/686/EEC.

General Information

1. For use as a single point anchor for 1 user.
2. Connection to the pad must be made via the over moulded D-ring on the Wingrip 4 kN (900 lbs) energy absorbing pack.
3. 1 user is defined as a person weighing no more than 140 kg (310 lbs).
4. Approximate weight of the vacuum anchor is 9.0 kg (20.0 lbs).
5. Air supply pressure 80 to 125 PSI (5.5 Bar to 8.5 Bar).
6. Over pressure relief to protect circuitry in the event a higher air pressure enters the system.
7. Filtration level – Pressure 0.01 Micron. Vacuum 5.0 Micron.
8. Powered by compressed air (no electricity – intrinsically safe).
9. Temperature ranges – Ambient -20^{0}C to +60^{0}C (-4^{0}F to 140^{0}F). Aircraft skin temperature -40^{0}C to +100^{0}C (-40^{0}F to +212^{0}F).
10. 120 Decibel non electrical warning alarm with two alarm functions to indicate air pressure loss/vacuum pressure leak.
11. Provides twenty minutes of safety in the event of an air pressure loss.
12. Vacuum leak test button ensures the vacuum anchor is placed on a non-porous/non-leaking surface.
13. Independent visual indicators to show correct air pressure/vacuum pressure.