



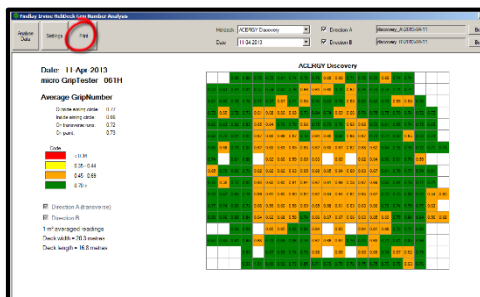
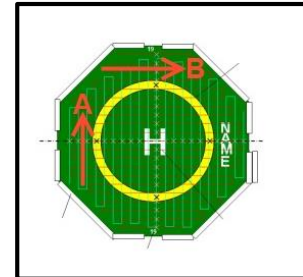
Findlay Irvine are world leading experts in measuring skid resistance for airports having been manufacturing Continuous Friction Measuring Equipment (CFME) for over 20 years. Currently in use in over 550 airports worldwide, GripTester MK2 is the world's most versatile, robust and deployable continuous friction measuring device. Also now available is the micro GripTester for Helidecks.

Developed by Findlay Irvine, in association with the Helideck Certification Agency in order to meet the stringent new safety criteria being laid out by the UK Civil Aviation Authority in CAP 437, the Helideck micro GripTester is an essential tool for monitoring the friction levels on helicopter landing decks. UKCAA CAP 437 is now being adopted as best practice throughout the oil industry and there are over 120 Helideck micro GripTesters being used to improve safety on rigs across the world today.

Recent research has identified a set of criteria for friction testers to achieve in order to meet the new legislation, CAP 437. The minimum average surface friction value of 0.65 should be achieved across the area inside the touchdown/positioning marking, outside the touchdown/positioning marking and on the paint markings themselves. This will help to ensure that appropriate levels of surface friction are available consistently at all helidecks and allow operators to monitor levels in order to take effective action when levels begin to drop in order to improve safety for helicopter landing zones.

From an Asset Management perspective, by employing a regular monitoring schedule Helideck operators can better understand the surface of their Helideck and use the data to predict wear levels as well as the condition of the surface. Through regular testing, the data gathered can be analysed to better focus maintenance budgets, targeting individual areas for improvement, reducing costs and increasing the life of the deck itself.

The Helideck micro GripTester is operated by a single person and is driven from a touchscreen display unit. The system simply and easily guides the operator through a full helideck survey in a logical manner. The interface is controlled via the touchscreen and contains all the settings and a Help Guide. Once complete, the survey data is output in Excel format and can be transferred quickly to a USB storage device for transmission and analysis.



The Helideck micro GripTester comes with analysis software that takes the raw survey data from Excel and converts it to a colour coded representation of the Helideck itself. This can be viewed in different increments from 1m^2 to 0.25m^2 for better analysis and for focused maintenance and clearly illustrates the different friction levels on the Helideck.

Helideck micro GripTester can be folded away easily, and weighing in at only 23kg can easily be transported or stored making it a simple, efficient one-person operation. It is designed to be quickly and easily split into two lightweight carry cases under 12kgs each, which can be transported by one person as well as placed in the smallest Helicopter hold. This allows the Helideck micro GripTester to be easily transported between platforms or stored compactly in a safe environment.

