

# GLIDING TECHNOLOGY

A LOOK INTO THE CRYSTAL BALL

TIM BROMHEAD  
JUNE 2019





# COCKPIT







**THE FUTURE IS HERE**



# COCKPIT TRENDS



# ADSB



- ADSB Transponder (Out) will be required soon!
- ADSB IN can be added to FLARM





# MINIMISING INSTRUMENTS

- Transponder
- Radio
- Altimeter





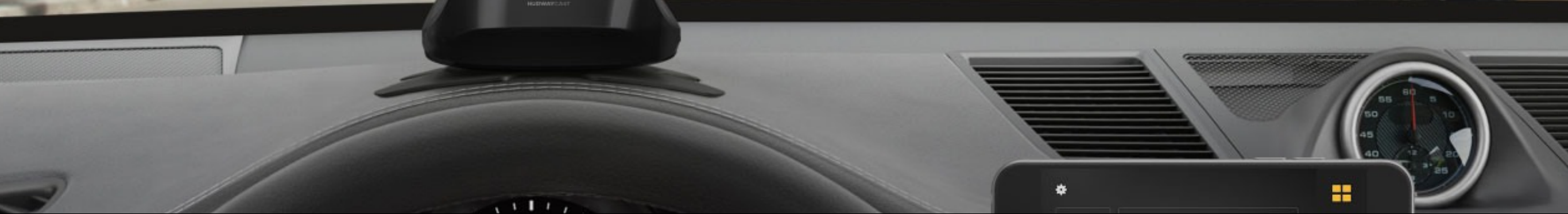
# POUDIES ARE OLD

- Windows CE. Last update 6 years ago
- XCSoar is old but runs on modern hardware
- LX9000s are expensive





# HUD



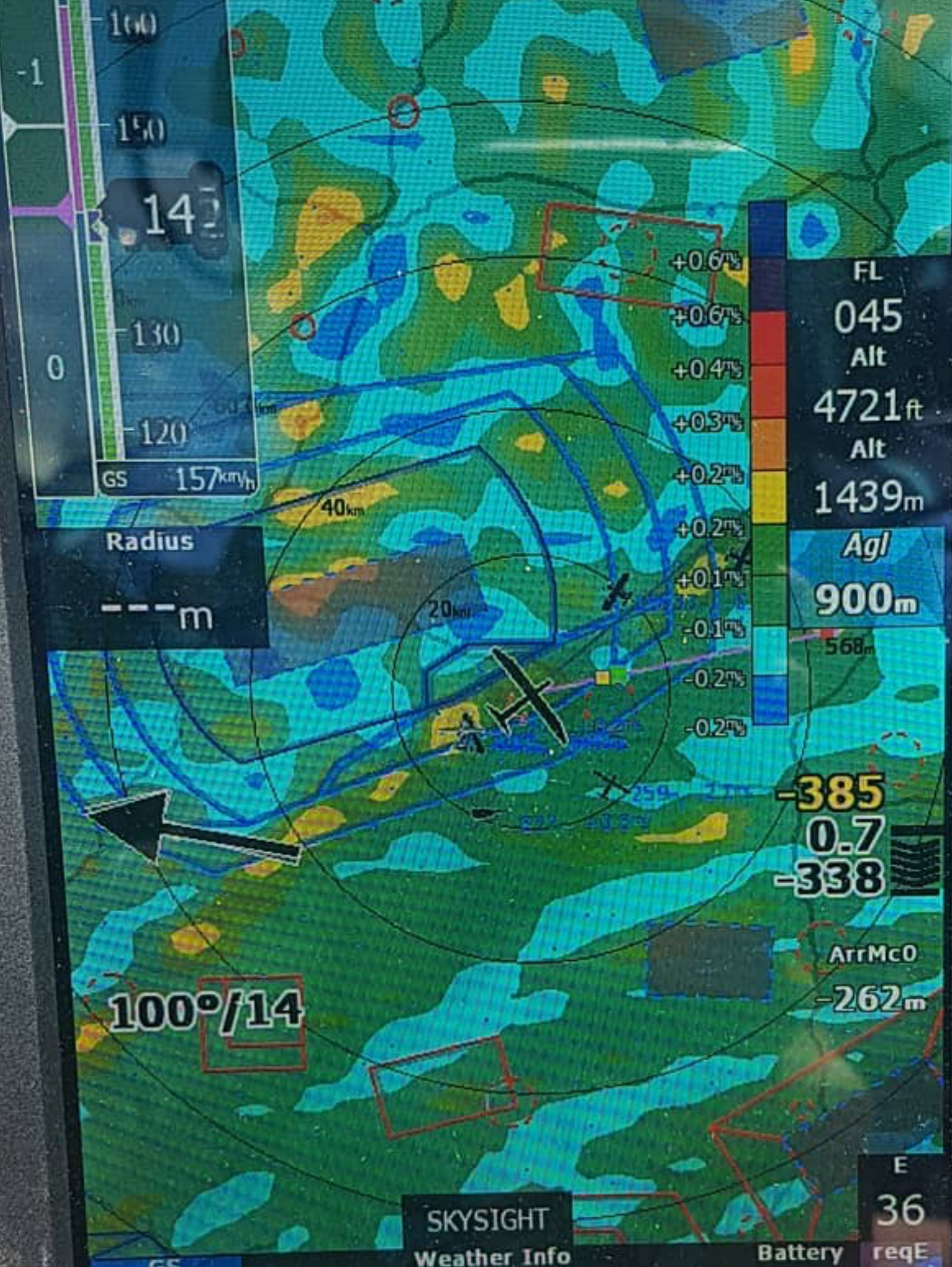


# COCKPIT DATA

- Aircraft Tracking
- Weather
- Airspace Updates
- Task / Waypoints









An aerial photograph of a volcanic landscape. In the foreground, a large, dark, and rugged crater rim is visible, with steep, eroded slopes showing various shades of brown, red, and grey. A small portion of a white aircraft wing is visible in the bottom right corner. In the background, a large, calm lake stretches across the valley, surrounded by rolling hills and mountains under a cloudy sky. The text "GNZ SOFTWARE" is overlaid in the center of the image.

**GNZ SOFTWARE**



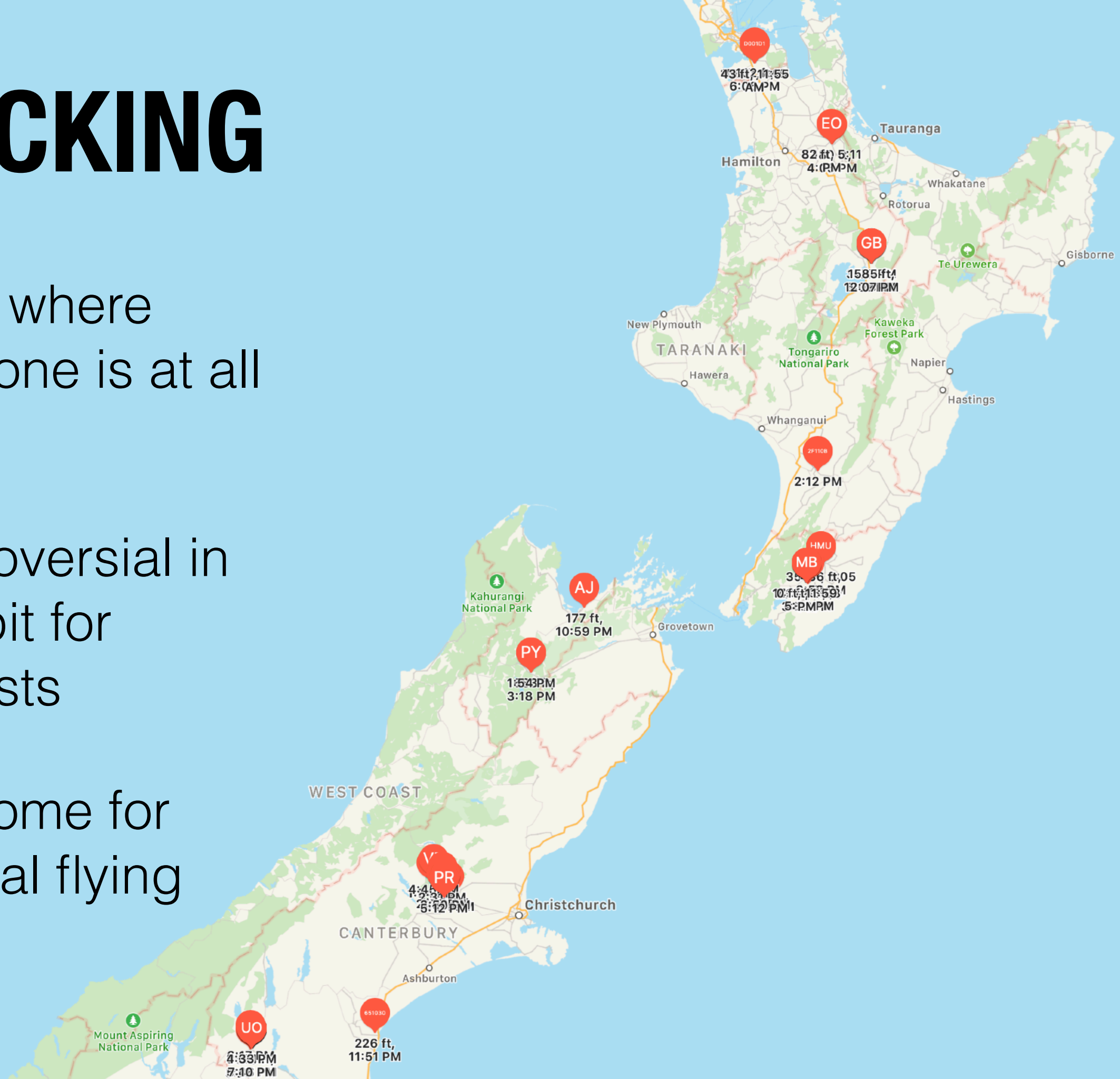
# BFRs and Medical Ratings Report

Name	GNZ#	Instructor?	QGP?	BFR	Medical	Passengers	Edit
Rakesh Allen	5486			<span>ⓘ</span> No BFR on file	✔ Never Expires	✗ No QGP. No BFR.	<a href="#">Edit</a>
Nigel Brinkworth	5178			<span>ⓘ</span> No BFR on file	✔ Never Expires	✗ No QGP. No BFR. Medical expired 4 years ago	<a href="#">Edit</a>
Robin Britton	1847	✔	✔	✗ Expired 5 months ago	✔ Never Expires	✗ No BFR.	<a href="#">Edit</a>
Timothy Bromhead	4283	✔	✔	✔ Expires in 1 year	✔ Never Expires	✔ Medical expires in 2 years	<a href="#">Edit</a>
Roger Brown	1087	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
Chase Cahalane	5769			<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No QGP. No medical. No BFR.	<a href="#">Edit</a>
Steven L. Care	110	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
Gareth Cartwright	5392		✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
Paul F Castle	3912		✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
David Cleverley	1853			<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No QGP. No medical. No BFR.	<a href="#">Edit</a>
Zhane Collinson	5865			<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No QGP. No medical. No BFR.	<a href="#">Edit</a>
Stephanie Cope	5793			<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No QGP. No medical. No BFR.	<a href="#">Edit</a>
Dennis P. Crequer	500	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
Tony Davies	1627	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
David L Dennison	3313	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>
Norman Duke	311	✔	✔	<span>ⓘ</span> No BFR on file	<span>ⓘ</span> No medical on file	✗ No medical. No BFR.	<a href="#">Edit</a>

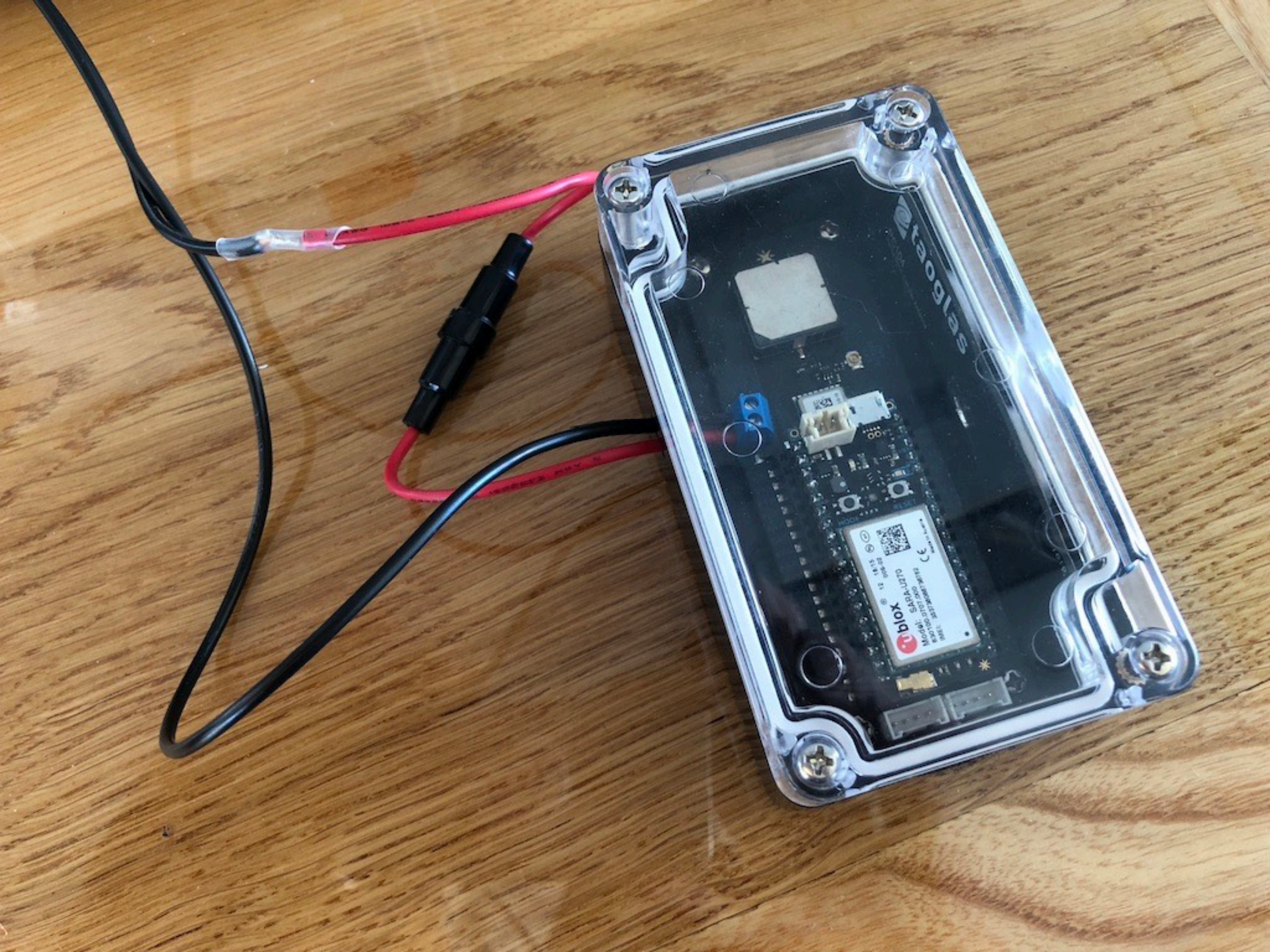


# TRACKING

- Know where everyone is at all times
- Controversial in cockpit for contests
- Awesome for general flying









# CONTESTS - IMAGINE!

- BFR/Trailer/Parachute Reminders Automated
- Entry form Automated
- Waypoints and Tasks Automatically Installed
- Timesheets Automated
- Ops Normal Automated
- Invoice Automated



# SUMMARY

