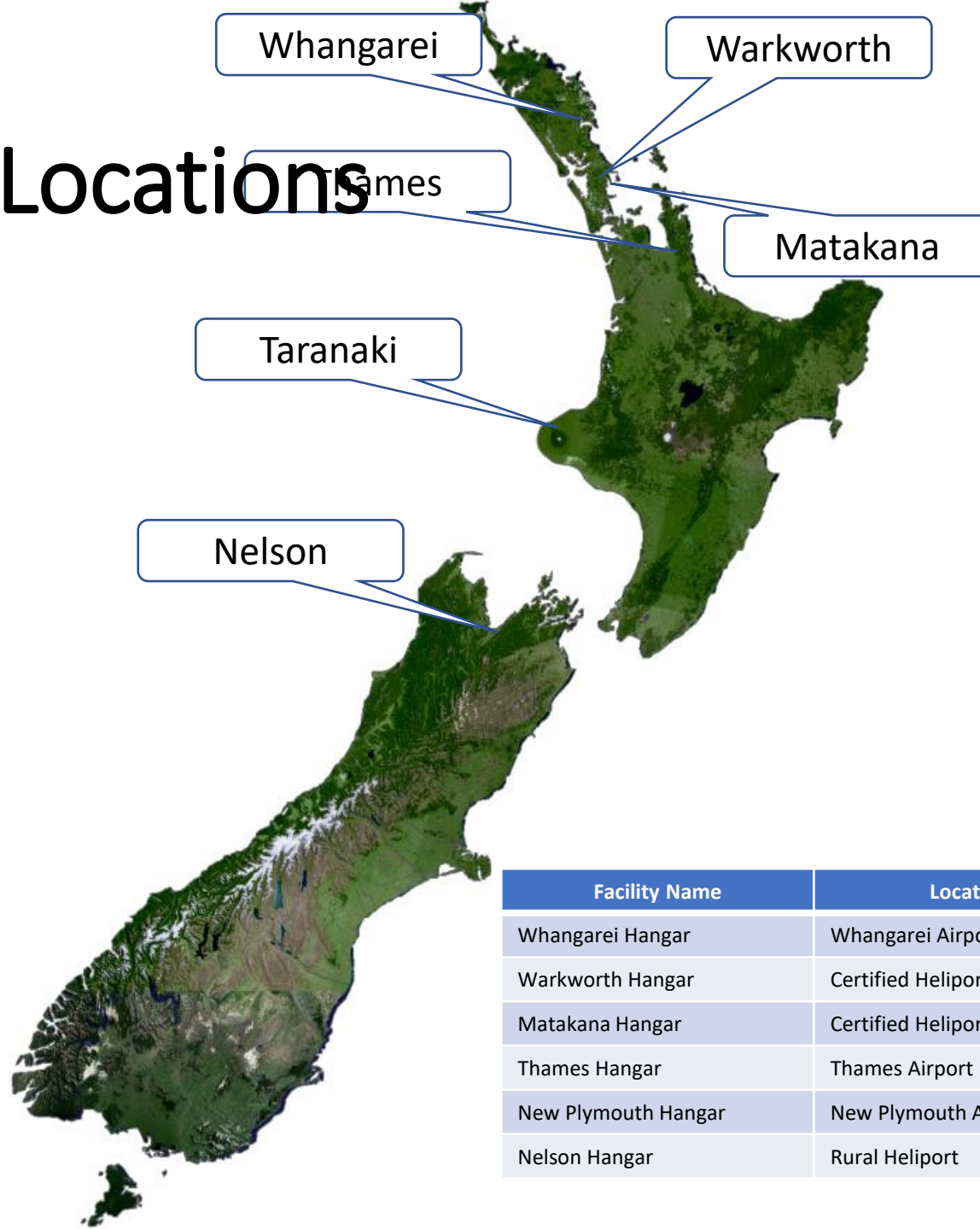


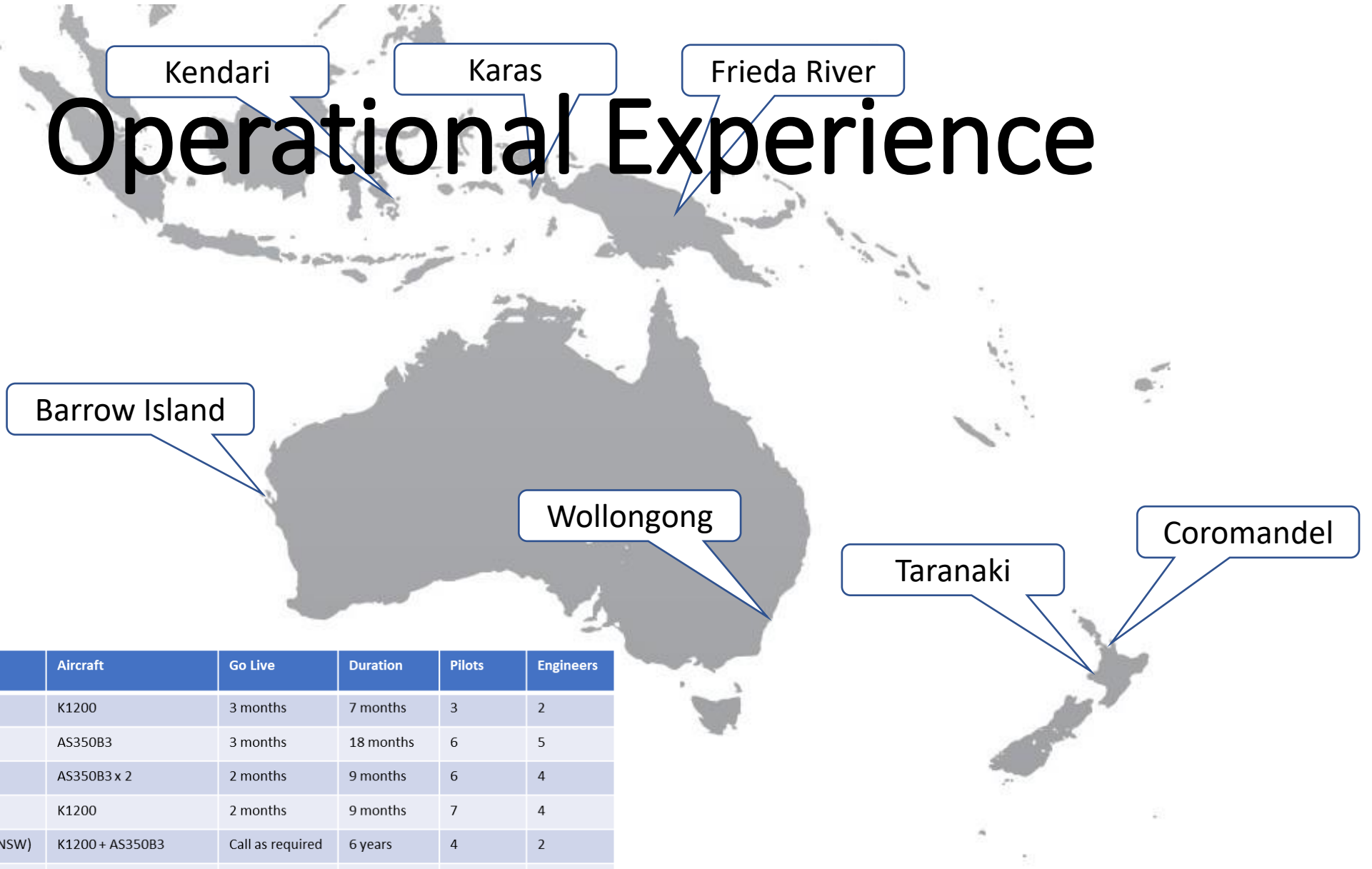
SKYWORLDTM

Supporting exploration achieve sustainable futures

Operational Locations



Facility Name	Location	Facility Type
Whangarei Hangar	Whangarei Airport	Seasonal
Warkworth Hangar	Certified Heliport	Operational / Maintenance
Matakana Hangar	Certified Heliport	Operational
Thames Hangar	Thames Airport	Operational
New Plymouth Hangar	New Plymouth Airport	Operational
Nelson Hangar	Rural Heliport	Maintenance



Operational Experience

Project	Industry	Aircraft	Go Live	Duration	Pilots	Engineers
Freida River	Mining (XSTRATA)	K1200	3 months	7 months	3	2
Karas	Oil & Gas (Chevron)	AS350B3	3 months	18 months	6	5
Kendari	Mining (Rio Tinto)	AS350B3 x 2	2 months	9 months	6	4
Barrow Island	Oil & Gas (Chevron)	K1200	2 months	9 months	7	4
Wollongong	Rural Fire Fighting (NSW)	K1200 + AS350B3	Call as required	6 years	4	2
Coromandel	Mining (Newmont)	B206, AS350B3, AS355N	2 months	3 years	3	2
Coromandel (in progress)	Mining (OceanaGold)	AS350B3 & AS355N	3 months	7 years	3	2
Taranaki (pending)	Oil & Gas (Todd Energy)	AS350B3 + AS355N	3 months	3 months	4	2

Operational Considerations



Case Study

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Operational site	Dedicated passenger helipad		Dedicated load lifting helipad
Distance	11.7 km		6.3 km
Average flight time	12 min return trip		19 min lift cycle
2 Helipads, 3 Drills, 3 pumps & 1 camp	not including passenger and cargo embark / disembark		pick up load / lay down / pick up hover
Month	Lifts	Pilot rotations	Aircraft rotations
August 2022	256	3	4
September 2022	209	1	2
October 2022	164	2	2
November 2022	164	1	1
December 2022	153	2	3
January 2023	179	2	2
February 2023	144	3	3
March 2023	315	2	2
April 2023	174	3	3
May 2023	225	2	3
June 2023	146	1	1
July 2023	207	2	2



Safety Enhancements – Aviation

- Modern Aircraft
- Electronic engine management system – reduces pilot workload
- Auto pilot – loss or situational awareness / ferry flights
- Terrain Collision Avoidance System (TCAS)
- Floor mounted instruments – lifting pilot load cell & torque gauge's
- Pilot seat offset – lifting pilot greater field of view & reduces fatigue
- BLR FastFin - significant increases to hover load and stability
- Dual Hydraulic system
- Rear sliding doors

Safety Enhancements – Aviation

- Pulse light system
- Hi Visibility blades
- Crashworthy seats
- Crash resistant fuel tanks
- External cargo baskets – 136kg
- Over shoulder seat belts
- Internal / External video camera systems
- Satellite tracking of aircraft
- Satellite voice and data communications
- Automatic Dependent Surveillance Broadcast (ADS-B) Transponder

2021-09-27 13:02:24
GPS: -36.400057S, 174.833886E, 460ft
IMU: X:0.524, Y:-0.624, Z:-9.827



Safety – Lifting Equipment

- Dyneema longlines – rated at 25% snap back for loss / jettison of load
- Longline swivel and remote hook release
- Carousel hook system – 9 remote hooks with independent release
- Helicopter barrel bags – SWL 450kg
- Multi leg sling – for dedicated lifting point; 2, 3 and 4 leg configuration
- Lifting cages
- Army nets
- Slings – endless round, flat webbing, steel wire for lifting pipe & timber
- Helicopter external load lifting rigging experience
- Annual independent lifting and rigging inspection program



Communications and Procedures

- Agreed communication protocols
- Aviation Grade Crew Kits – helmet, headset and radio
- Project Safety Management Plan
- Lift plan – agreed rigging method, item weights
- Work instruction procedures – step by step methodology, JHA
- Safety meetings
- Auditing – site, personnel, equipment
- Reporting requirements –
 - hazard risks & controls,
 - incident reporting & investigations,
 - safety behaviour observations

Safety First



