



# DRONE SURVEY & MAPPING PACKAGES

January 2026 Release



## SERVICE OVERVIEW

At MÒR MAPPING PTY LTD, we provide high-resolution aerial mapping and terrain analysis using advanced drone technology. Our services support construction, agriculture, and land development projects across the Sunshine Coast and beyond, delivering accurate, actionable data that helps clients plan, build, and manage their sites with confidence.

To complement this, we offer a comprehensive Drone Survey & Mapping Package designed for projects that demand precision and clarity. This package includes RTK-enabled aerial capture, detailed orthomosaic production, digital elevation modelling, and high-density point cloud outputs suitable for measurement, planning, and reporting. Whether you're assessing earthworks, monitoring site progress, or analysing terrain constraints, our workflow ensures survey-grade accuracy and a seamless handover of data in formats tailored to your project needs.

## PACKAGE INCLUSIONS

### RTK Aerial Data Capture

- High-resolution nadir and oblique imagery
- RTK positioning for survey-grade accuracy (1-2cm accuracy)
- Pre-flight risk assessment and mission planning
- Terrain-aware flight paths for consistent ground sampling
- Safe operations compliant with CASA regulations

## ORTHOMOSAIC MAPPING

### High-resolution orthophoto

- True-to-scale, distortion-free imagery
- Suitable for planning, reporting, and site documentation
- Delivered in GIS-ready formats
- Measurable via Agisoft Metashape Viewer (GeoTIFF)



## DIGITAL ELEVATION MODELLING

- Digital Surface Model (DSM) for terrain and structure elevation
- Optional Digital Terrain Model (DTM) where vegetation removal is required
- Contours generated at custom intervals
- Ideal for drainage analysis, cut/fill planning, and design validation

## DENSE POINT CLOUD

- High-density, colourised point cloud
- Classified ground/non-ground (optional)
- Compatible with CAD, GIS, and engineering software
- Supports volume calculations, terrain modelling, and feature extraction

## 3D MESH & TEXTURED MODEL

- Photorealistic 3D mesh for visualisation and measurement
- Exported in OBJ/PLY/GLB formats
- Perfect for client presentations, design reviews, and digital twins

## MEASUREMENT & ANALYSIS

- Distance, area, and volume calculations
- Stockpile analysis
- Earthworks cut/fill reporting
- Slope and terrain profiling

## DELIVERABLES PACKAGE

- Orthomosaic (GeoTIFF + web-friendly PNG/JPEG)
- DSM/DTM (GeoTIFF)
- Dense point cloud (LAS/LAZ)
- 3D mesh (OBJ/PLY/GLB)
- Contours (DXF/SHP)
- PDF overview map with scale bar, legend, and metadata
- Optional interactive 3D viewer for client use



## PRICE BREAKDOWN

Service	Description	Price (AUD)
(a) Aerial Survey & Imaging	CASA-compliant drone flight, image capture, and georeferencing	\$400.00 (<2000sqm) *
(b) 2D Orthomosaic Map	High-resolution stitched map for planning and overlays	\$220.00
(c) 3D Terrain Model (DEM/DSM)	Elevation and surface modelling for topographic analysis	\$350.00
(d) Vegetation Filtering	Canopy removal to isolate ground elevation	\$200.00
(e) Data Processing & Delivery **	GIS-ready files, PDF maps	\$200.00
(f) Postprocessing **	PDF summary report	\$150 (standard)***
(g) Travel & Site Access	Charged if outside Sunshine Coast Region	\$185
(h) Bespoke Operations / Site Complications	Applied when additional time, risk, or specialised handling is required due to obstacles, restricted access, or time-critical conditions.	\$POA (assessed per site)

\*Additional negotiable fee >2000sqm

\*\* Options (e) and (f) are essential inclusions delivered on package completion

\*\*\* \$400 (surveyor ext.)

## TIMELINE

Task	Duration
Flight Planning & Site Prep & Aerial Capture	1 day (weather dependant)
Processing & Analysis	3 – 4 business days
Final Delivery	Within 5 business days of capture



## TERMS & CONDITIONS

- All operations conducted under ReOC/RePL and CASA regulations
- 50% deposit required to confirm booking
- Client to provide site access and permissions
- Weather delays may impact scheduling
- Final deliverables provided via secure download or USB
- Bespoke Operations & Site Complications: Additional fees may apply where site conditions require non-standard effort, including restricted access, environmental obstacles, safety considerations, or time-critical scheduling. These charges are assessed on a case-by-case basis.

## NOTES

- Pricing is valid for 30 days from the date of issue.
- Site access and permissions must be arranged by the client prior to flight.
- Weather conditions may impact scheduling; we'll coordinate closely to ensure optimal capture conditions.
- Travel fees apply for locations outside the Sunshine Coast region.
- Data delivery is via secure cloud link or USB (on request).
- Additional services such as contour extraction, CAD overlays, or vegetation analysis can be quoted separately.
- 50% deposit required to confirm booking: balance due upon delivery of final outputs.
- All operations are conducted under CASA ReOC/RePL compliance and insured for public liability.

## CONTACT

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