

# Pat Thomas Field - Map Plan

Captured: Nov 06, 2019, Processed: Nov 06, 2019



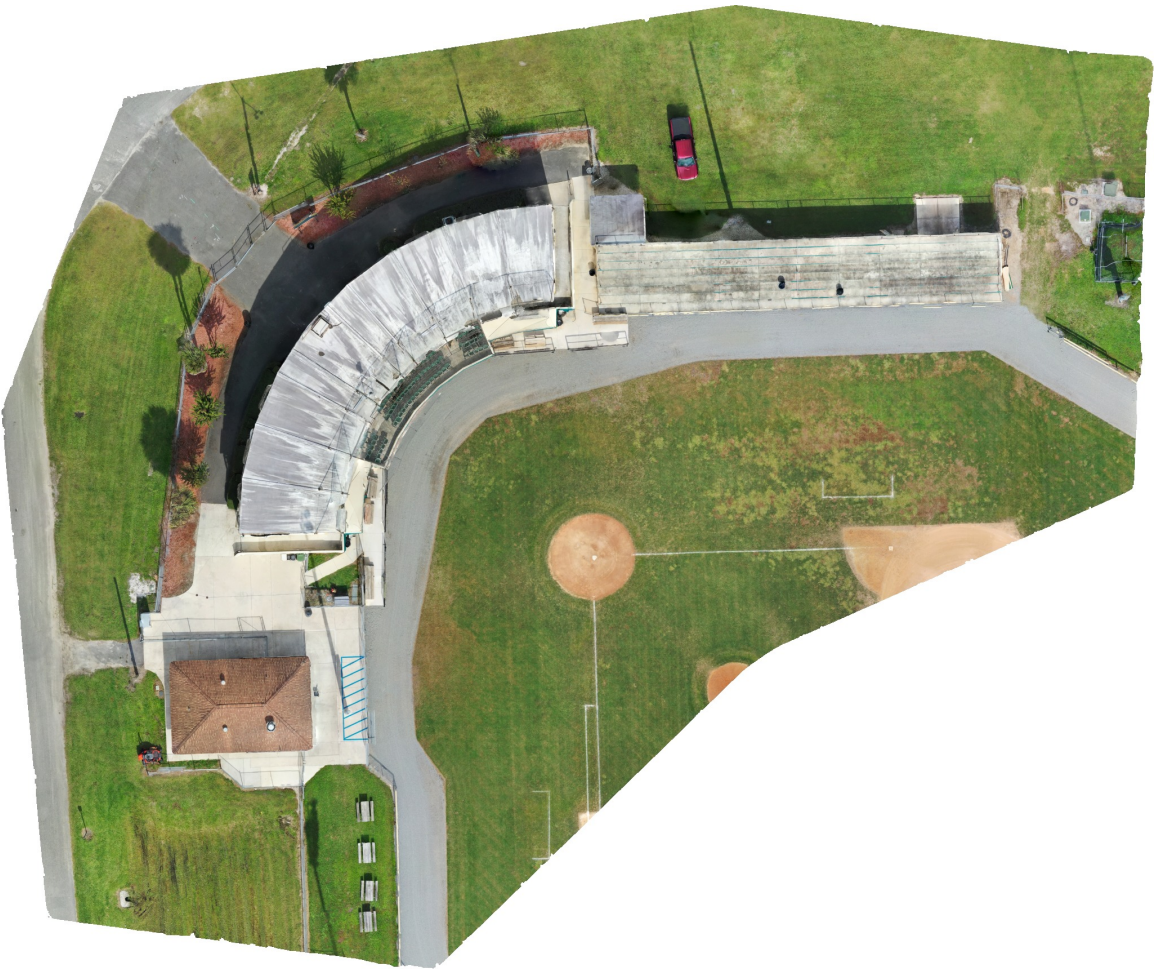
## Map Details Summary ⓘ

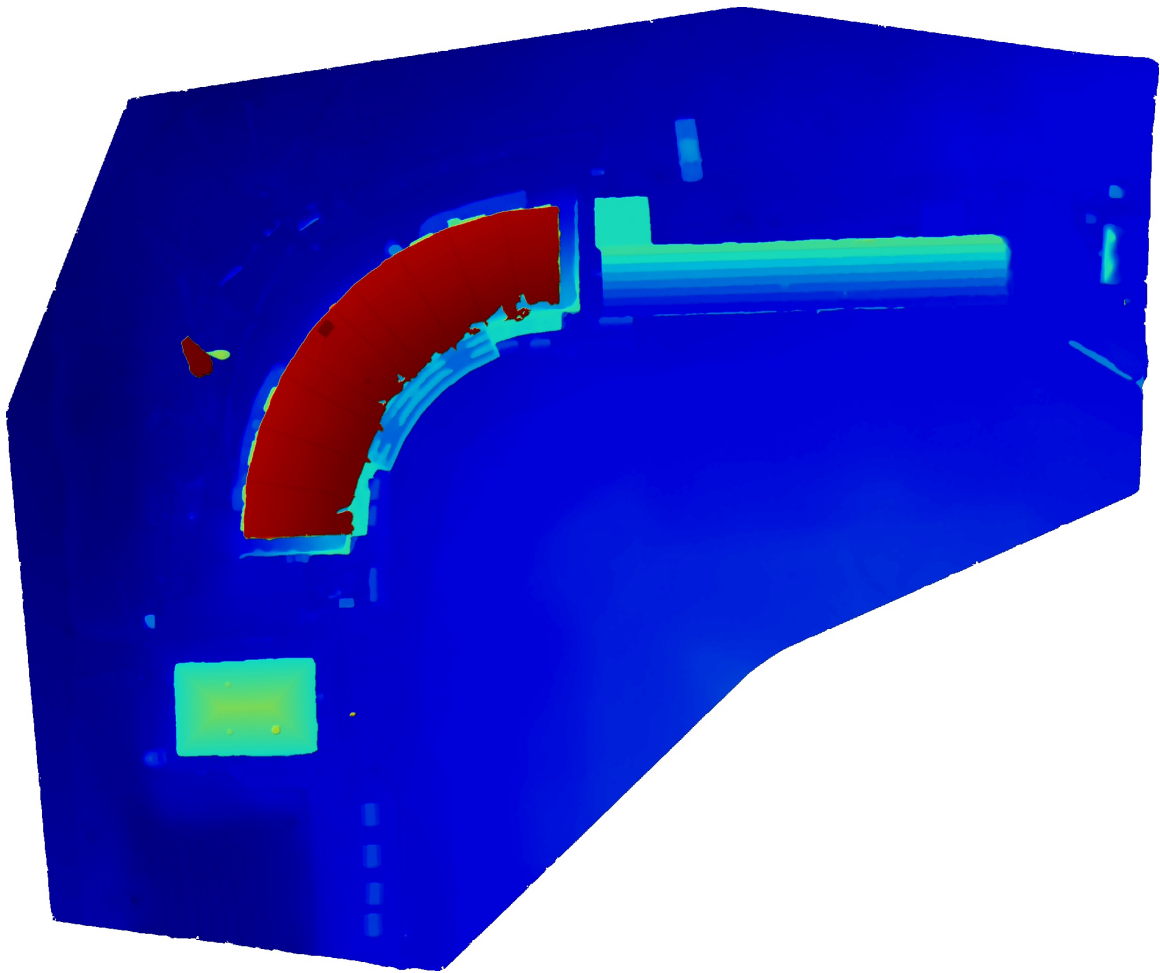
Project Name	Pat Thomas Field - Map Plan
Photogrammetry Engine	DroneDeploy Proprietary
Date Of Capture	Nov 06, 2019
Date Processed	Nov 06, 2019
Processing Mode	Structures (3D)
GSD Orthomosaic (GSD DEM)	0.37in/px (DEM 1.48in/px)
Area Bounds (Coverage)	55040.88ft <sup>2</sup> (129%)
Image Sensors	Hasselblad - L1D-20c

## Quality & Accuracy Summary ⓘ

Image Quality	High texture images
Median Shutter Speed	1/120
Processing Mode	<b>Structures (3D)</b> - Designed to produce high resolution 3D maps containing overhangs, for example of buildings, pipework & conveyors. Images captured should include oblique imagery. Map processing will typically take longer than terrain mode. Should not be used for mapping crops or large flat or smooth topographic scenes.
Images Uploaded (Aligned %)	174 (99.0%)
Camera Optimization	Principal point varied from reference value by 8.57%.

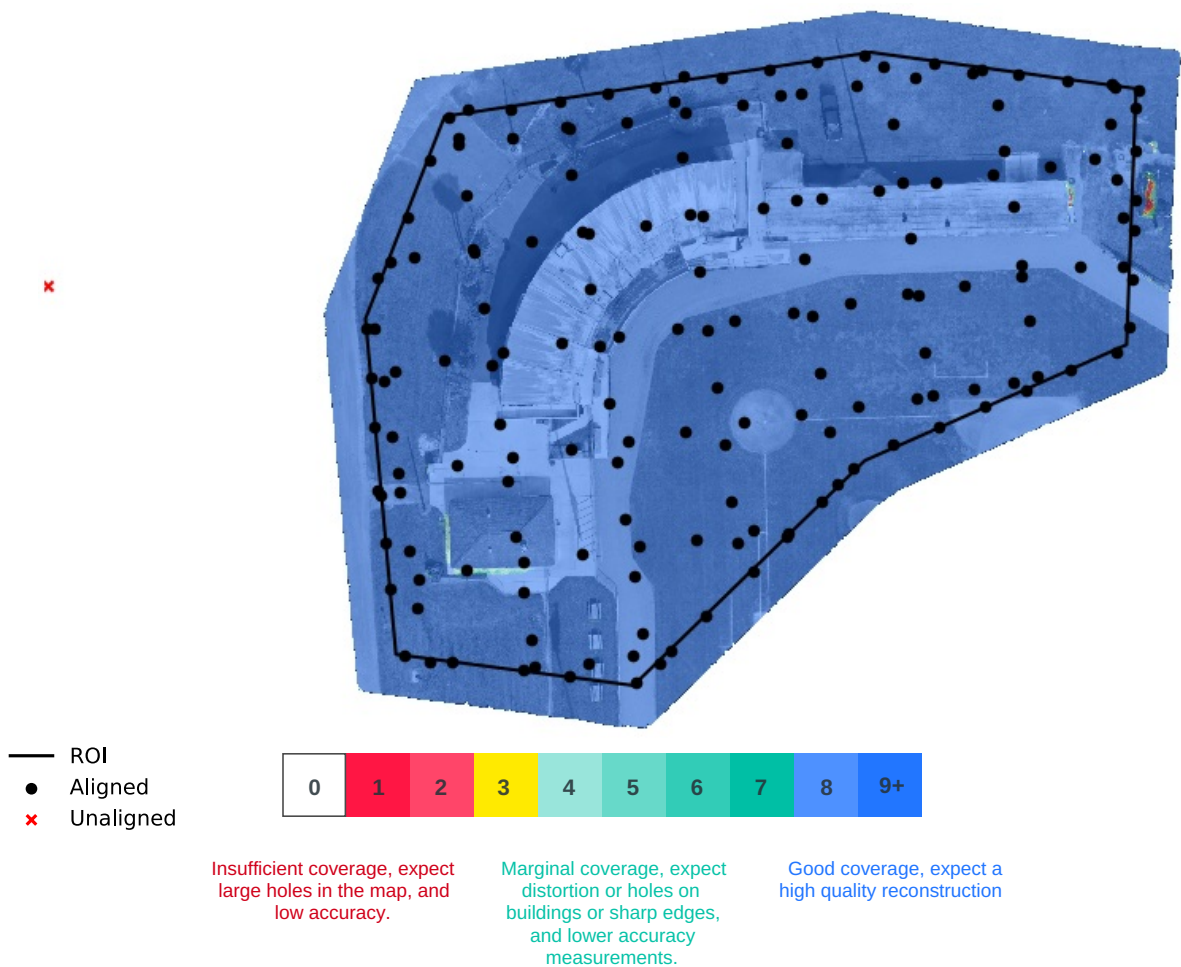
## Preview ⓘ





Dataset Quality Review ⓘ

Orthomosaic Coverage ⓘ



Sensor(s) Used	Hasselblad - L1D-20c
Image Count (by sensor)	174
Image Resolution	5472x3078 (~17MP)
Orthomosaic coverage (% of area of interest)	129.86
Average Orthomosaic Image Density within Structured Area	43 images/pixel
Median Shutter Speed	1/120

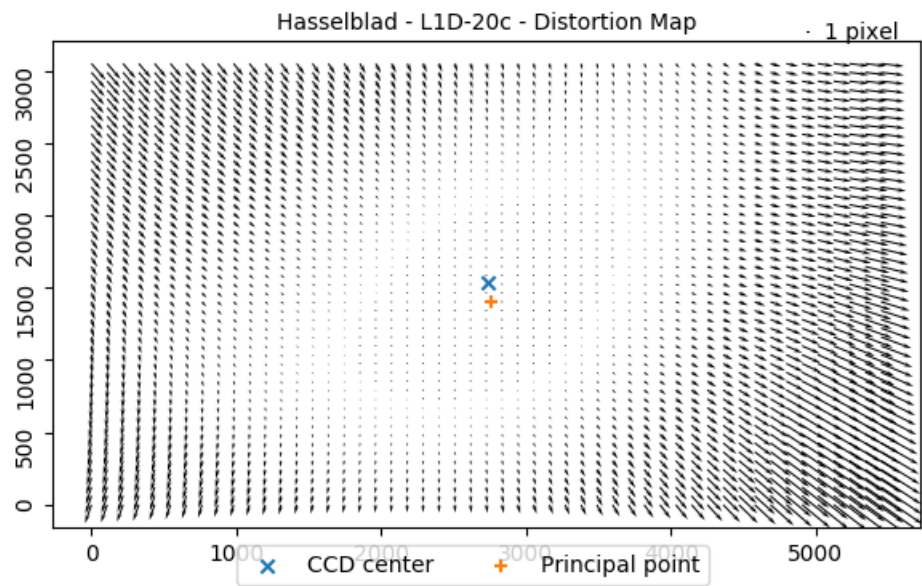
Structure from Motion ⓘ

Aligned Cameras	99% 173/174
RMSE of Camera GPS Location	X 1.36ft Y 1.55ft Z 1.69ft RMSE 1.54ft

Camera Calibration ⓘ

Camera Optimization	Principal point varied from reference value by 8.57%.
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Hasselblad - L1D-20c



Densification and Meshing ⓘ

Processing Mode	<b>Structures (3D)</b> - Designed to produce high resolution 3D maps containing overhangs, for example of buildings, pipework & conveyors. Images captured should include oblique imagery. Map processing will typically take longer than terrain mode. Should not be used for mapping crops or large flat or smooth topographic scenes.
Processing Mode Quality	High
Nadir Images	0%
Oblique images	98%
Horizontal images	2%
Mesh Triangles	314969

Digital Elevation Model ⓘ

Mode	Generated from Mesh
DEM GSD	DEM 1.48in/px
Relative/Absolute	Absolute Altitude

