SOLAR PANEL INSPECTION

Solar Panel Inspection

Panel-by-panel aerial imagery that flags cracked cells, hotspots and shading issues without anyone walking the array.



Array overview, straight down. Captured Jul 6, 2026, 12:15 PM. GPS recorded at capture (hidden in this sample).

PROPERTY	*Sample property, Greater Cincinnati*
ARRAY	32 panels in 4 rows (5, 10, 9 and 8), counted from the photo
ROOF	Asphalt shingle, with three skylights, an attic fan and roof vents next to the array
LAYOUT NOTE	One panel position is left open inside the array around a plumbing vent
DELIVERED	Within 48 hours, as a PDF and a private online photo gallery

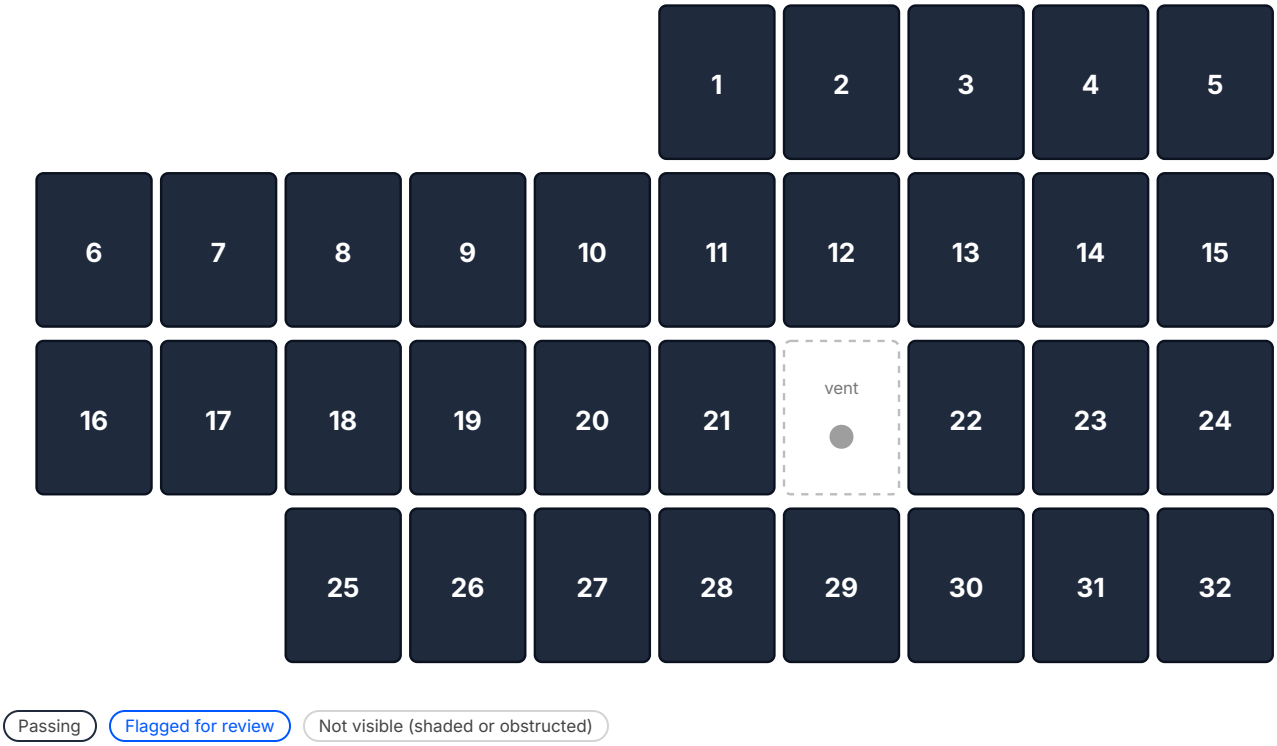
This is a sample. It shows the format and sections of a full solar panel inspection report. The photos are real, from our own flights. The property details, notes and ratings shown in *blue italics* are examples, not findings for the roofs pictured.

Sample for illustration. CincyDroneInspections provides non-invasive aerial visual documentation of visible roof conditions. Reports are not structural engineering opinions, roofing warranties, code-compliance certifications, or guarantees of insurance claim approval. Repair, claim and certification decisions should be made by qualified roofing, inspection, engineering or insurance professionals. FAA Part 107 certified · $2M aerial liability coverage · (513) 437-1915 · cincydroneinspection.com

PANEL MAP

Every panel gets a number.

The map follows this array's real layout. In a real report each panel is colored by result and every flagged panel has its own close-up photo. In this sample no panel has been rated.



What we check on each panel

- ☐ Cracked glass or visible micro-cracks
- ☐ Hotspots (thermal imaging, optional where available)
- ☐ Shading from trees, vents or other panels
- ☐ Soiling, leaves and debris
- ☐ Frames, clamps and rails
- ☐ Visible wiring and conduit
- ☐ Roof penetrations and flashing around the array
- ☐ Shingles under and around the array edges

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YIELD-LOSS DEFECT SUMMARY

What is costing you output, and what to do next.

One row per flagged panel. This sample shows the template; a real report fills it in from the panel map and close-up photos.

PANEL	WHAT WE SAW	LIKELY EFFECT ON OUTPUT	SUGGESTED NEXT STEP
No. from map	*Example: debris along the lower edge*	*Example: partial shading*	*Example: clean, then re-check*
No. from map	*Example: visible crack in the glass*	*Example: lower panel output*	*Example: installer warranty check*
No. from map	*Example: branch shading in the afternoon*	*Example: string-level loss*	*Example: tree trimming*

Why fly the array

01
No foot traffic
No one walks on the panels or the roof, which helps protect your warranty.

02
Every panel, close up
Panel-by-panel images instead of a few photos from the ground.

03
A record over time
Post-install and yearly flights you can compare side by side.

Solar panel inspections start at $299 and are delivered within 48 hours. Thermal hotspot detection is optional where available. Book at cincydroneinspection.com/book or call (513) 437-1915.

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