



## AERIAL ROOF & STORM DAMAGE REPORT

**OVERALL: FAIR**

Wind damage documentation · residential roof surfaces and perimeter · capture date withheld

**SAMPLE REPORT — PLEASE READ.** This is a genuine MW AIRLIFT™ deliverable, reissued as a sample. Every photograph, observation and finding is real and untouched — this is exactly what a client receives. The client name, street address and work-order reference have been withheld, and the verification code on the final page has been deactivated for publication. Delivered client reports are confidential and are never published.

|              |                                        |            |                                   |
|--------------|----------------------------------------|------------|-----------------------------------|
| Prepared for | Client name withheld                   | Service    | Storm & wind damage documentation |
| Property     | Street address withheld                | Report ID  | MWA-SMP-0003                      |
| Prepared by  | MW AIRLIFT™                            | Capture    | Date withheld on this sample      |
| Coverage     | Roof planes, ridge, valleys, perimeter | Turnaround | Same day (storm work)             |

### Executive summary

This pass covers a hip-and-gable roof system captured from multiple overhead angles, including ridge lines, hip transitions, a cluster of roof vents, and gutter lines along the eaves. The majority of the roof surface reads as a uniform shingle field with consistent coloration, continuous gutter lines, and vents that appear seated and intact. Approximately ten shingles are missing along the upper south-facing ridge, with exposed underlayment visible at the affected area. The surrounding field shows no missing material and no impact marks. One area of surface discoloration near a valley transition is noted for closer review. Fastener condition, flashing detail beneath shingle courses, and sub-surface conditions are not assessable from this altitude.

#### ACCURACY & INTENDED USE

This report is produced from small-UAS aerial imagery and records the **visible, accessible condition of the roof surfaces at the time of flight**. It is provided for documentation, maintenance planning, and decision support. **This deliverable is not an engineering, structural, or code certification** and is not a warranty or estimate of remaining service life. It does not assess anything beneath the roof covering — decking, underlayment, fasteners below capture resolution, flashing concealed by material, interior, or obstructed areas — and it does not establish the cause, age, or full extent of any condition. Findings are observations, not determinations.

#### HOW FINDINGS ARE TIERED

Every image from the flight is reviewed in sequence — full perimeter, then each plane or elevation, then targeted close-ups of any area flagged during the flight. Observations are tiered by what is visible in the imagery.

**HIGH** — active damage visible: missing material, exposed underlayment or decking, evidence of water intrusion.

**MEDIUM** — wear warranting attention: lifted or curling edges, granule loss, flashing separation.

**LOW** — cosmetic observations: staining, debris, organic growth.

The overall assessment is governed by the most significant tier observed. Findings at MEDIUM or above include a referral to a licensed professional.

Findings — visible, accessible conditions at time of flight

| LOCATION                              | OBSERVATION                                                                                                                                                            | SEVERITY |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Upper south-facing ridge              | Approximately 10 missing shingles; exposed underlayment visible across the affected area. Surrounding field intact; no impact marks observed on this plane (Figs. 1–4) | HIGH     |
| Valley / hip transition, north-facing | Localized surface discoloration near the valley transition; cause and depth of any material change are not determinable at this resolution (Figs. 6–7)                 | LOW      |

Severity reflects urgency of closer inspection — LOW monitor · MEDIUM attention · HIGH priority. It is not a determination of cause, age or extent.

Aerial evidence — selected frames



Fig. 1 — Upper south-facing plane. Affected area sits immediately below the ridge; surrounding field, vents and ridge line intact.



Fig. 2 — Missing shingles along the upper ridge, underlayment exposed across the affected courses.

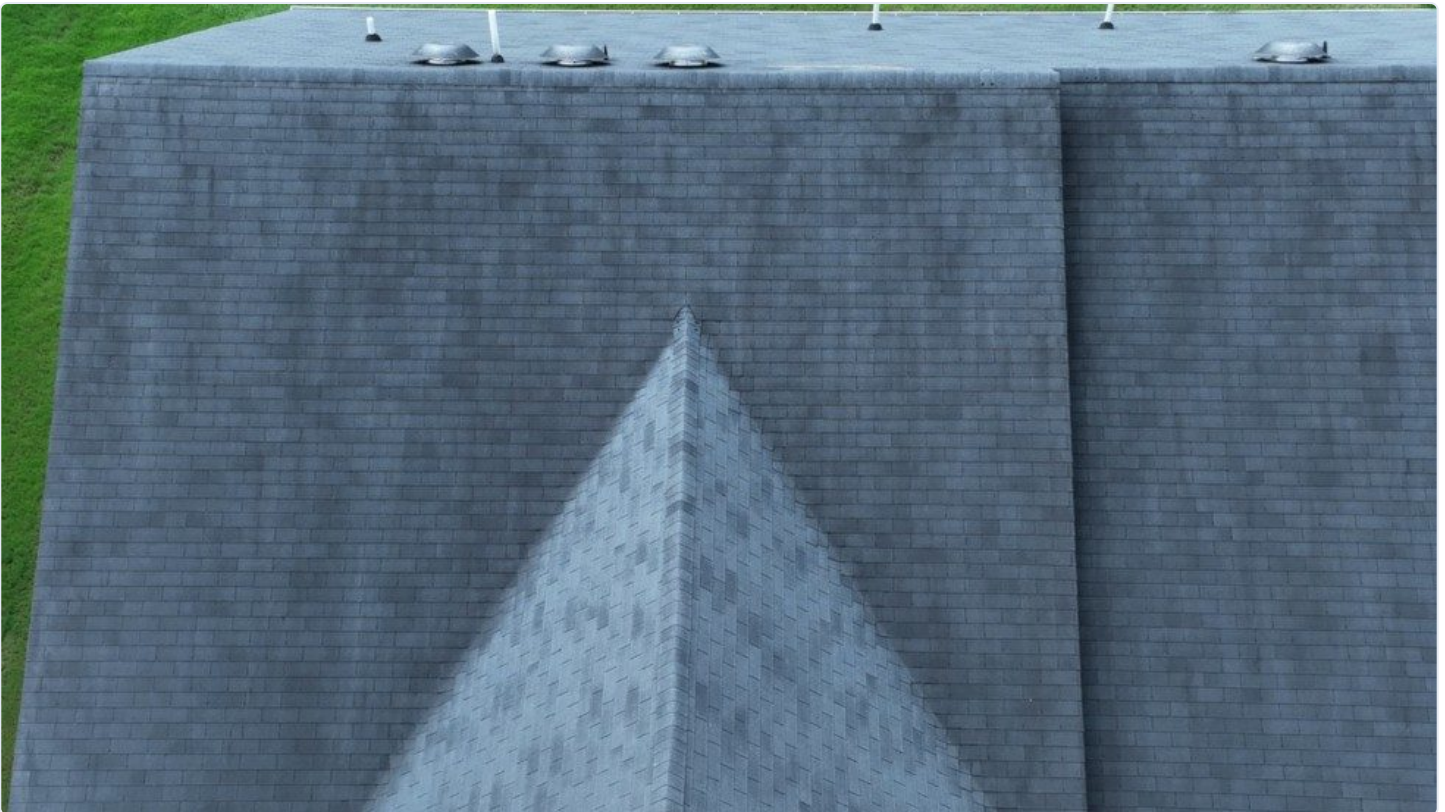


*Fig. 3 — Closer pass on the same area; extent of exposure and boundary of the affected courses.*





*Fig. 4 — Same finding from the opposing approach. Two angles on one defect.*

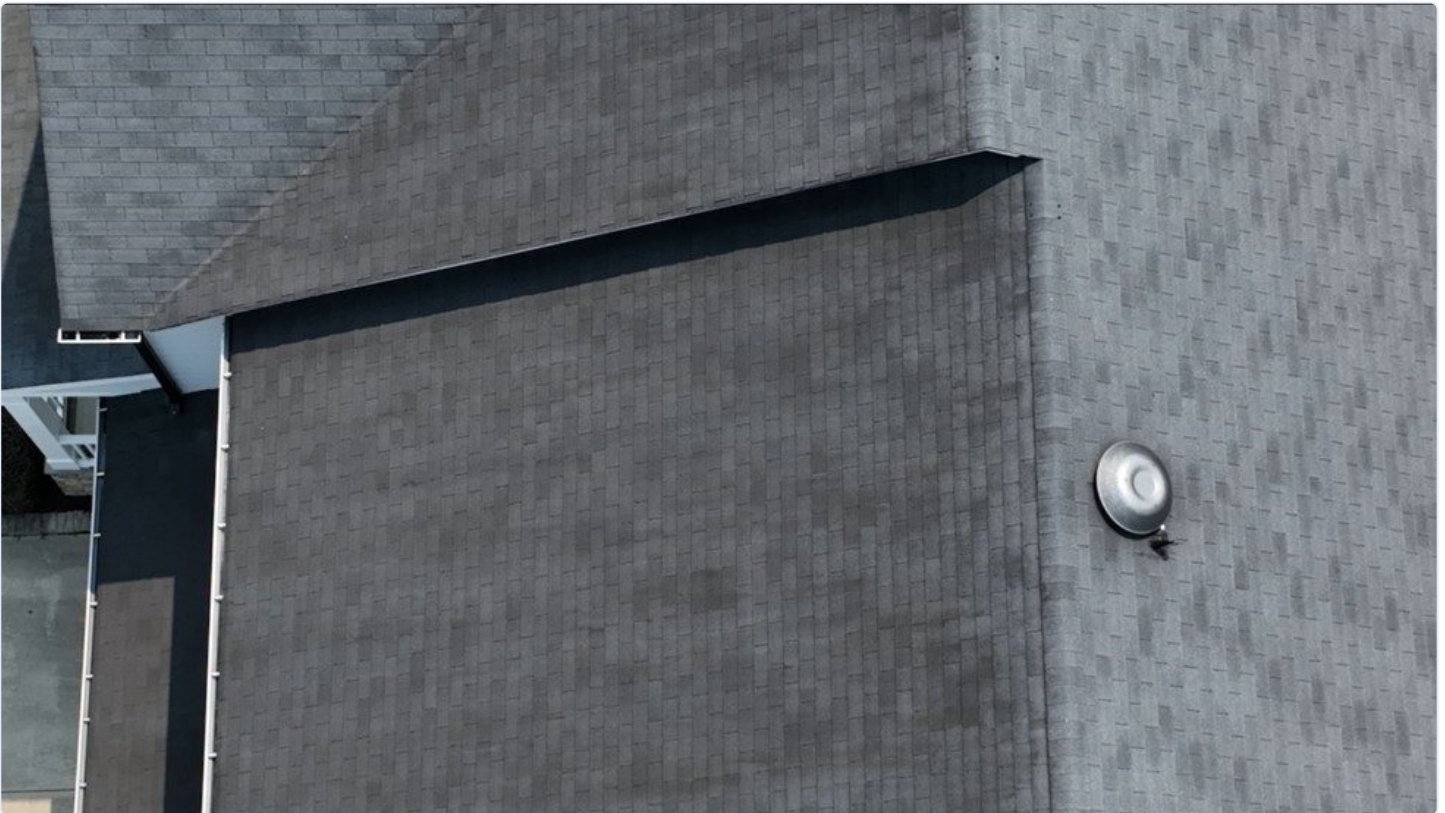


*Fig. 5 — Adjacent plane and hip transition. Uniform shingle field; no missing material observed.*





*Fig. 6 — Valley transition and gutter line. Localized surface discoloration noted as a LOW observation.*



*Fig. 7 — Perimeter and vent cluster. Vents seated; no displacement observed.*

## **Recommendations / next steps**

Prompt evaluation and repair of the ridge area by a licensed roofing contractor is recommended. Exposed underlayment should be addressed before the next significant rain event to prevent water intrusion. Fastener heads, flashing details at hip and ridge lines, and conditions beneath shingle courses were not assessable from this capture and should be confirmed at close range if a full condition assessment is required. Monitor the discolored area at the valley transition at the next seasonal check.

## Flight record

|                    |                                     |
|--------------------|-------------------------------------|
| Aircraft           | DJI Mavic 3 · DJI RC Pro RM510      |
| Flight window      | 0:20 · 61 images captured           |
| Airspace / LAANC   | Class G — no authorization required |
| Weather at capture | Partly cloudy, 81 °F, wind 5 mph    |



### VERIFIED CHAIN OF CUSTODY

Every image, video and report in this package was fingerprinted (SHA-256) at the mission and sealed into a signed, published manifest recording GPS position, capture time, pilot certification, aircraft and custody events. Scan the code, or go to [mwairlift.com/verify](https://mwairlift.com/verify) and enter the mission ID, then drop in the file you received. Your file is checked in your own browser and never uploaded. A re-saved, re-exported or re-compressed copy will not match — verify the exact file we delivered.

The same page links to your download portal, where the full photograph set, video and this report can be collected using the passcode sent to you separately.

**The code on this sample has been deactivated.**

**Certification.** This aerial documentation was captured under FAA Part 107 by a certified Remote Pilot using a registered aircraft. This report is visual documentation only — it is not an engineering, structural, or code certification, and it is not a survey. Findings reflect only the visible, accessible conditions present at the time of flight; areas not visible from the air are not assessed. Conditions may change after the capture date. A licensed professional is recommended where certification is required.

**RPIC:** Part 107 Certified Remote Pilot · pilot name and date withheld on this sample · prepared by MW AIRLIFT™ · [sales@mwairlift.com](mailto:sales@mwairlift.com) · (919) 306-1695 · [mwairlift.com](https://mwairlift.com) · Raleigh, NC

SALE  
NOT A CLIENT DELIVERABLE