



AERIAL ROOF INSPECTION REPORT

OVERALL: GOOD

Capture date withheld · residential · roof surfaces and perimeter

SAMPLE REPORT — PLEASE READ

This is a genuine MW AIRLIFT™ residential roof deliverable, flown on a company-owned property and reissued as a sample. **Every photograph, observation and finding is real and unretouched** — 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

Sample Client — Residential

Demonstration property, Wake County, NC
Street address withheld for publication

Work Order	Withheld — sample
Claim / PO	N/A
Scope	Residence — roof surfaces and perimeter

SUMMARY

An exterior aerial review of the residence roof was performed during the site capture, covering the main hip-and-gable structure, the attached wing, dormer, and the perimeter edge and gutter line. The covering is architectural asphalt shingle, laid in uniform courses across every slope observed. Coverage reads complete — no missing or lifted tabs, no tarping or patching, no displaced ridge caps, and no visible storm damage on any plane in frame. Ridge and hip lines are straight and continuous, with a ridge vent running the main ridge and three plumbing vent stacks seated and intact on the rear slope. At the eave, the drip edge, flashing and gutter line appear seated and correctly lapped where visible. Overall the roof presents in good condition for its apparent age.

HOW THIS REPORT IS PRODUCED — AI PLUS HUMAN

AI drafts the written report from the captured frames; a **Part 107 pilot edits and signs every line**. The pilot is the author of record, not the software.

The AI never touches the imagery. Every image is fingerprinted at capture and sealed into a signed manifest, and each report carries a QR code you or your carrier can use to verify the exact file we delivered — in a browser, no account needed.

Speed from the AI, judgement from a certified pilot, evidence provably untouched.

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. It does not provide measurements, areas or boundaries. A licensed roofing contractor or design professional should confirm any finding at close range before work is scoped or a claim is filed.

FINDINGS — VISIBLE, ACCESSIBLE CONDITIONS AT TIME OF FLIGHT

LOCATION	ISSUE OBSERVED	SEVERITY
Main slopes — shingle field	Uniform architectural shingle coverage across all planes observed; courses aligned, no missing tabs, lifting, tarping or displaced ridge caps visible at capture resolution.	LOW
Main ridge — close frame	Pronounced shadow lines along the tab edges in the tight frame. Consistent with raking midday light on a dimensional shingle profile, but early cupping cannot be excluded from the air; worth confirming at close range on the next maintenance visit.	LOW



LOCATION	ISSUE OBSERVED	SEVERITY
Rear slope — penetrations	Three plumbing vent stacks and the ridge vent appear seated and intact. Boot and collar condition is below the resolution of these frames and was not assessed.	LOW
Perimeter — eave, drip edge and gutter	Drip edge, rake flashing and gutter line appear seated where visible from the air. Interior gutter condition and any debris load were not visible in these frames.	LOW

Severity key. **LOW** — note it and re-check next season. **MED** — have it examined at the next convenient opportunity. **HIGH** — arrange a close-range inspection promptly. Severity describes how soon a licensed professional should look; it is not a determination of cause, age or extent.

AERIAL EVIDENCE — SELECTED FRAMES FROM THE CAPTURE



Fig. 1 — Full-roof overhead: hip-and-gable configuration, uniform shingle coverage, continuous ridge line with ridge vent, three plumbing vent stacks on the rear slope.



Fig. 2 — Oblique, street side: main and wing slopes in context; ridge and hip lines straight, gutter line continuous, no displaced material visible on any slope in frame.



Fig. 3 — Oblique, dormer and upper slopes: valley and hip intersections seated, dormer flashing lines visible and continuous at capture resolution.



Fig. 4 — Perimeter detail: shingle courses meeting the wall line; drip edge, rake flashing and gutter seated and lapped as visible.



Fig. 5 — Shingle field, close frame: granule coverage uniform; the pronounced shadow lines along tab edges are the condition noted in the findings table.

RECOMMENDATIONS / NEXT STEPS

No adverse conditions requiring immediate action were observed on any slope. Recommended: (1) confirm the tab-edge condition noted in Fig. 5 at close range on the next maintenance visit, so that early cupping can be ruled in or out against a documented baseline; (2) keep gutters clear seasonally and confirm downspout discharge is directed away from the foundation; (3) re-capture after any significant hail or wind event — this flight provides a dated pre-event baseline against which later imagery can be compared, and that comparison is far more useful to an adjuster than a single post-event set. A close-orbit pass resolving fastener and boot detail can be added to any future visit at no extra mobilisation.

FLIGHT RECORD

Aircraft	Mavic 3 "Swoop" — registration withheld for publication	Flight window	1:18 PM – 1:38 PM · 20 minutes
Airspace / LAANC	Class G — no authorization required	Images captured	5 stills · 1 video clip
Weather at capture	Clear, 89°F, wind 6 mph	Pilot	FAA Part 107 certified Remote Pilot

**VERIFIED CHAIN OF CUSTODY**

On a delivered report, every image, video and report in the package is fingerprinted (SHA-256) at the mission and sealed into a signed, published manifest recording GPS position, capture time, pilot certification, aircraft and custody events. The client scans the code, or goes to mwairlift.com/verify, and drops in the file they received. The file is checked in their own browser and never uploaded. A re-saved, re-exported or re-compressed copy will not match.

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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. Findings reflect only the visible, accessible conditions present at the time of flight; areas not visible from the air (e.g. beneath roofing material, interior, or obstructed areas) are not assessed. Conditions may change after the inspection 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 · (919) 306-1695 · mwairlift.com · Raleigh, NC

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