



BEFORE / AFTER DOCUMENTATION

OVERALL: DOCUMENTED

Job completion evidence · paired pre-work and post-work capture · single-family residence

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	Contractor — client name withheld	Service	Before / after documentation
Property	Single-family residence · address withheld	Report ID	MWA-SMP-0007
Scope of work	Full roof replacement — architectural shingle	Work order	Withheld on this sample
Capture dates	Before: day 1 · After: day 9	Turnaround	Within 24 hours of each flight

Executive summary

A before/after pair settles the two arguments that cost contractors the most money: what the roof looked like before the crew arrived, and what was delivered when they left. Both flights are flown from matched altitudes and headings so the pairs line up visually, and every frame carries its original capture timestamp and GPS position. Homeowners see the work; adjusters see the sequence; the contractor keeps the evidence.

What this package contains

Two flights, the same positions both times. Day 1 before mobilisation, day 9 after completion. **Each flight covers four elevations plus plan:** north, south, east and west obliques flown at matched altitude and heading, a nadir plan frame of the whole roof, and close frames on ridge, hips, valleys, penetrations and the eave line. On this job the south elevation carried the pre-existing damage and the north elevation carried the steepest pitch, so both received additional close frames. **You receive them paired** — north-before beside north-after, south-before beside south-after, and so on — so a homeowner or adjuster reads the change without being walked through it. Typical volume is 30 to 50 frames per flight. Both flights seal into one manifest, so the sequence itself is verifiable. The diagrams in this sample are reference sketches showing how observations are located and labelled. A delivered report carries the annotated aerial frames themselves in the same positions.

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. **This package does not certify workmanship, code compliance or warranty performance.** It records the visible condition of the property on two dates, from matched positions.

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
North elevation	Pre-work and post-work frames captured from matched altitude and heading; pairs align for direct comparison (Fig. 1)	LOW
South elevation	Pre-existing condition recorded on day 1 before any work began; same position reflight on day 9	LOW
East and west elevations	Captured on both flights at matched altitude and heading	LOW
Plan view	Full-roof nadir frame on both flights, for whole-surface comparison	LOW
Capture consistency	Every frame carries its original capture timestamp and GPS position, sealed into the manifest	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

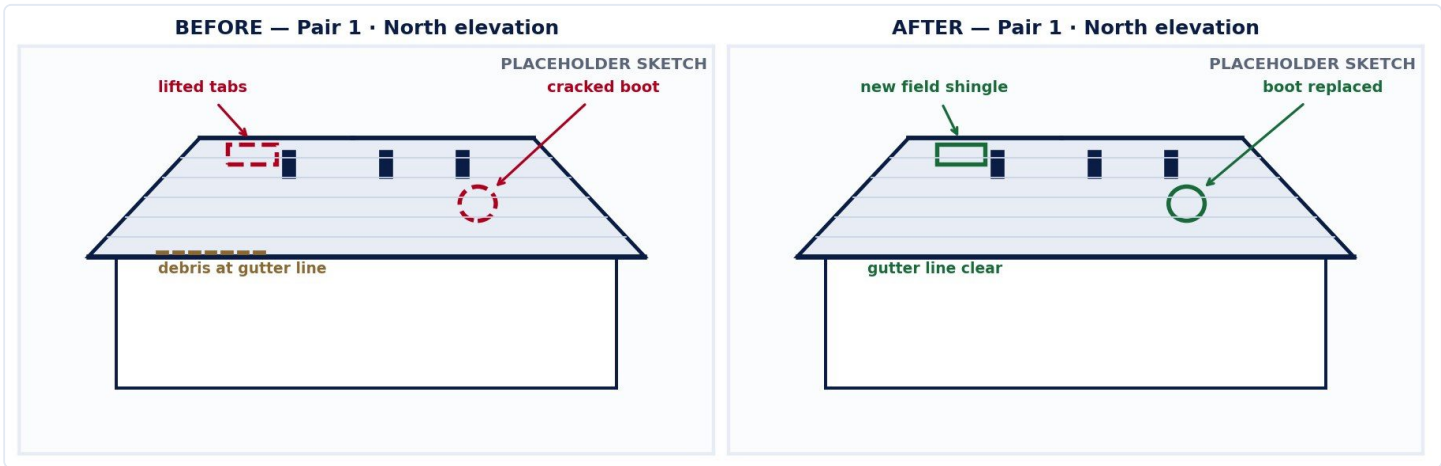


Fig. 1 — Reference sketch — how each elevation pair is presented, before beside after, at matched altitude and heading.

Recommendations / next steps

Retain both flights as the completion record for this scope of work. Where a dispute concerns pre-existing condition, the day-1 set is the reference; where it concerns delivered work, the day-9 set is. Both seal into the same manifest and verify independently. Flying the before set prior to mobilisation is what makes the after set worth anything — a post-work flight alone proves only that the roof looks acceptable now.

Flight record

Aircraft	DJI Mavic 3 · DJI RC Pro RM510
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Airspace / LAANC	Class G — no authorization required
Remote PIC	Part 107 certified · name withheld on this sample
Flights	Two — day 1 (pre-work) and day 9 (post-work)
Coverage per flight	4 elevations + nadir plan + close frames
Capture consistency	Matched altitude and heading on both flights



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 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 · (919) 306-1695 · mwairlift.com · Raleigh, NC

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