SkySure Roof Inspection Checklist

PRE-INSPECTION SETUP

[ ] Confirm client goals (storm damage, maintenance, insurance, etc.)

[ ] Collect property address and details

[ ] Check weather conditions (wind <15mph, no rain)

[ ] Check airspace (use B4UFLY or Aloft app)

[ ] Fully charge batteries & controller

[ ] Clear memory cards

[ ] Inspect drone & camera (props, gimbal, lens)

[ ] Bring spare batteries & accessories

[ ] Review flight plan (waypoints, perimeter, grid)

[ ] Notify homeowner of flight plan & duration

FLIGHT & DATA CAPTURE

[ ] Take off from a safe, open launch area

[ ] Conduct 360° perimeter pass (low altitude)

[ ] Capture eaves, gutters, soffits, and siding from all sides

[ ] Perform top-down (nadir) grid pass

[ ] Capture overlapping images for map/3D model (optional)

[ ] Oblique-angle passes (45° camera tilt)

[ ] Zoom in on roof surface, vents, skylights, flashing

[ ] Document all roof planes & valleys

[ ] Capture close-ups of suspected problem areas

[ ] Conduct thermal scan (if equipped)

[ ] Save and back up footage before leaving site

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POST-FLIGHT REVIEW

[ ] Organize photos by angle/section (N, S, E, W, Top, Close-Ups)

[ ] Review photos for signs of damage

[ ] Mark images with issues: shingles, flashing, pooling, moss, etc.

[ ] Annotate photos (optional)

[ ] Upload assets to project folder/cloud

REPORT PREP

[ ] Fill in property & client info in report template

[ ] Add labeled images to the report

[ ] Write a summary of findings

[ ] Include maintenance or repair recommendations

[ ] Add disclaimer: "This is a visual drone inspection only..."

[ ] Export as PDF and send to client