

LOGO

ShingleSky

Drone Roof Inspections | Dallas-Fort Worth, TX

Drone Roof Inspection Report

1234 Example Ln, Fort Worth, TX 76100

Visual condition assessment | Report # SR-0000-SAMPLE

PROPERTY & CLIENT

Property	1234 Example Ln Fort Worth, TX 76100
Property type	Single-family residential
Inspection date	October 3, 2026
Report date	October 4, 2026
Client (roofer)	[Roofing Contractor Name] [Contact / Phone]
Owner / occupant	[Owner Name] (consent on file)

INSPECTION

Inspector / pilot	Daniel Brown, FAA Part 107 Remote Pilot
Part 107 cert. #	_____
Company	ShingleSky
Weather at flight	Clear, 74 F, wind SSE 6 mph (gusts 9), visibility 10 SM
Flight window	9:42 - 10:08 AM CDT
Data source (wx)	Nearest METAR + on-site anemometer

FINDINGS AT A GLANCE

2 HIGH	3 MODERATE	2 LOW	1 MONITOR
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Overall condition: Storm-related damage observed. Hail impact density on the North (F1) and South (F2) slopes exceeds the common 8-hits-per-test-square threshold used by many roofers and adjusters when evaluating slope replacement. Final determination rests with the roofing contractor and insurance adjuster.

SCOPE OF THIS INSPECTION

- Aerial visual survey of all accessible roof facets, penetrations, flashing and gutters
- Hail test squares (10 ft x 10 ft) on representative slopes
- Annotated photo set and roof diagram for the client roofer / adjuster
- *Excludes:* interior, attic, decking, structural or engineering evaluation

Summary of Findings

Severity color codes

High	Active damage likely to allow water intrusion or meeting common replacement thresholds. Address promptly.
Moderate	Damage that should be repaired soon to prevent progression.
Low	Minor or cosmetic damage; repair during next scheduled work.
Monitor	No active failure; re-check at next inspection or after storms.

Key findings

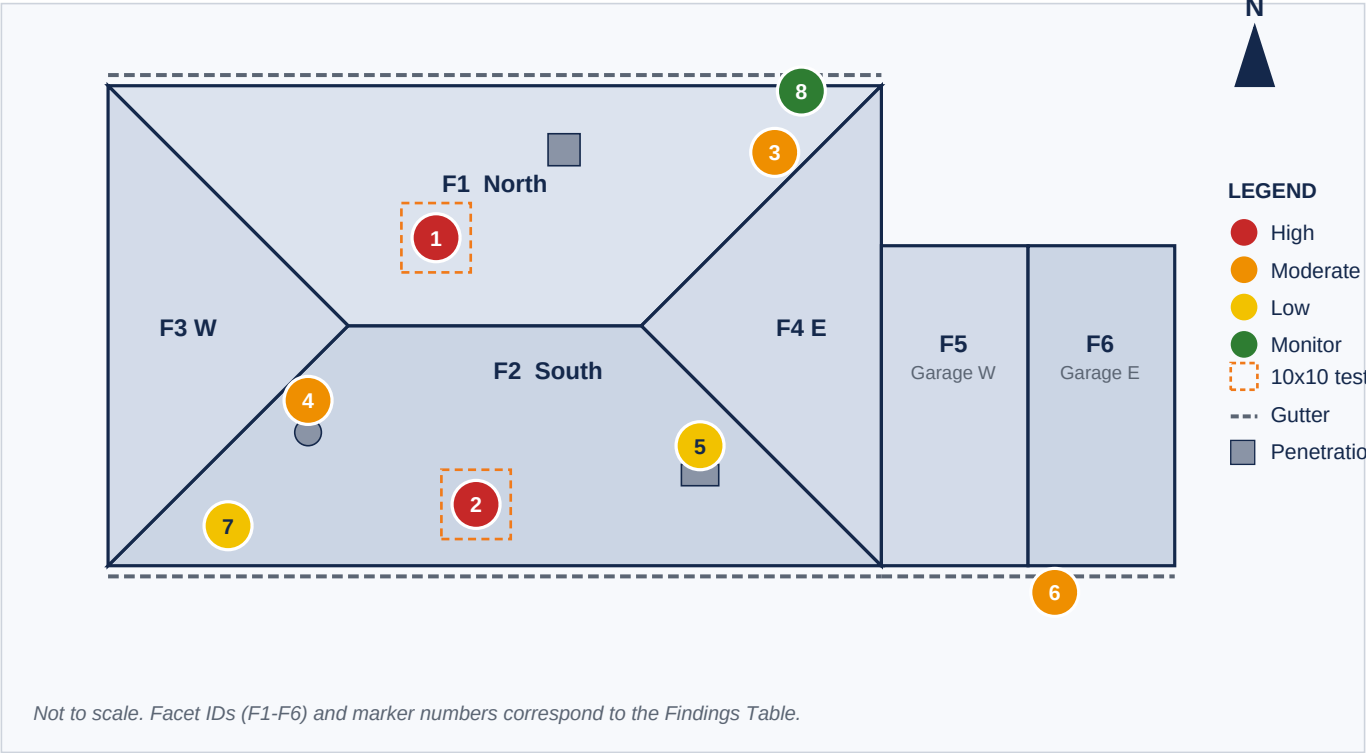
- **High F-01** - Hail impacts: 9 functional hits per 10x10 test square; bruised mat, fractured granule surface (F1 North slope, center (test sq. A))
- **High F-02** - Hail impacts: 11 functional hits per 10x10 test square (F2 South slope, center (test sq. B))
- **Moderate F-03** - Wind-lifted / creased shingle tabs (approx. 6 tabs), broken seal strips (F1 North slope, NE hip)
- **Moderate F-04** - Pipe boot collar cracked; possible water entry point (F2 South slope, plumbing vent)
- **Moderate F-06** - Gutter dents (3 locations) and one loose hanger (Garage F5/F6, south eave gutter)

Roof Overview

All values below are estimates derived from aerial imagery and are not field-measured. Verify with a measurement report or on-roof measurement before ordering materials.

Item	Value	Basis
Roof area (est.)	~28 squares (2,800 sq ft)	Imagery footprint x pitch factor
Primary pitch (est.)	6/12 main; 8/12 garage	Oblique imagery / shadow geometry
Facets	6 (4 hip + 2 gable)	Aerial count
Material	Architectural asphalt shingle (laminated)	Visual ID
Age estimate	~10-14 years	Granule wear, sealant weathering
Layers	Appears 1 (not verified)	Edge view at eaves
Penetrations	1 pipe boot, 1 box vent, 1 vent stack	Aerial count
Gutters	Aluminum 5" K-style, approx. 140 LF	Visual estimate

Roof Diagram & Findings

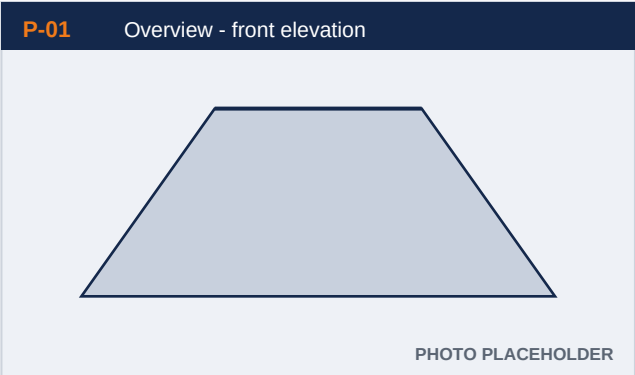


ID	Location / Slope	Issue	Severity	Recommendation
F-01	F1 North slope, center (test sq. A)	Hail impacts: 9 functional hits per 10x10 test square; bruised mat, fractured granule surface	High	Recommend full slope replacement evaluation by roofer; document for insurance claim
F-02	F2 South slope, center (test sq. B)	Hail impacts: 11 functional hits per 10x10 test square	High	Recommend full slope replacement evaluation; include in claim documentation
F-03	F1 North slope, NE hip	Wind-lifted / creased shingle tabs (approx. 6 tabs), broken seal strips	Moderate	Re-seal or replace affected tabs; inspect adjacent courses for unsealing
F-04	F2 South slope, plumbing vent	Pipe boot collar cracked; possible water entry point	Moderate	Replace pipe boot; check decking/attic for moisture
F-05	F2 South slope, box vent	Dented metal box vent cap (hail spatter consistent)	Low	Replace vent cap during repairs
F-06	Garage F5/F6, south eave gutter	Gutter dents (3 locations) and one loose hanger	Moderate	Repair/replace gutter run; re-secure hangers
F-07	F3 West slope, lower courses	Granule loss with localized exposed mat (~2 sq ft)	Low	Spot repair; monitor for accelerated aging
F-08	F1 North, vent stack flashing	Flashing sealant weathered; no active failure observed	Monitor	Re-seal at next maintenance; re-check after next storm event

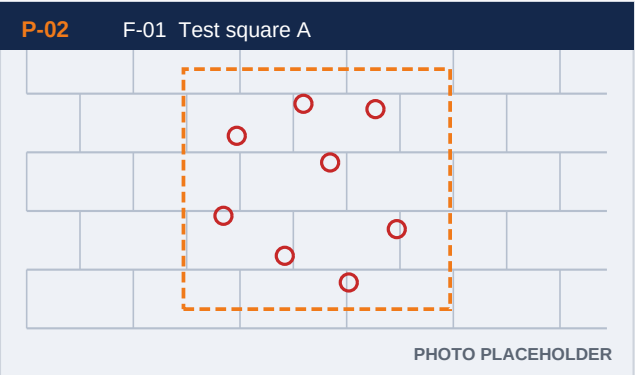
Test squares are 10 ft x 10 ft areas laid out on representative slopes; "functional hits" are impacts that fracture the mat or displace granules to the mat. Counts are from imagery review and should be field-verified.

Photo Documentation

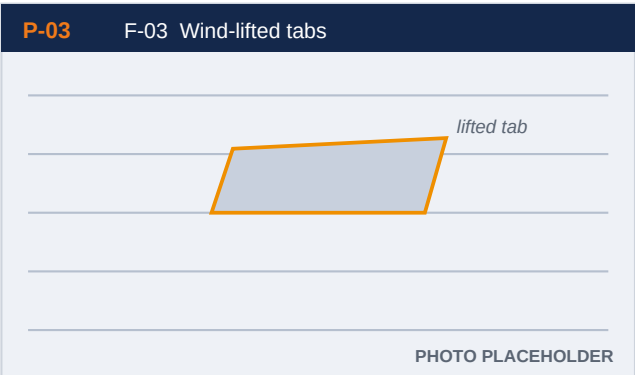
Placeholders below indicate where captured images appear in a delivered report. Each image is tagged with the finding ID, slope, and capture altitude.



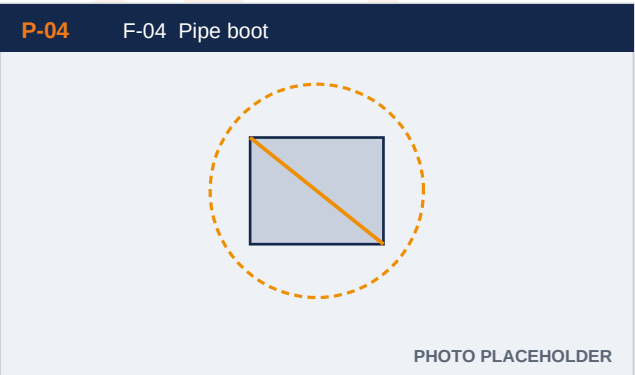
P-01. Oblique overview of front (south) elevation, 120 ft AGL. Establishes facets F2, F5, F6.



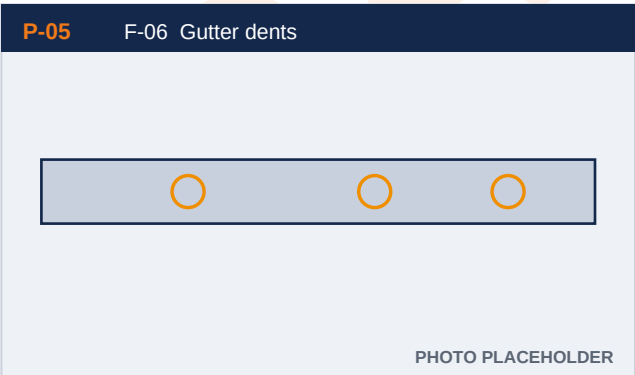
P-02. F1 North slope test square A: 9 functional hail hits circled. Captured 25 ft above roof surface.



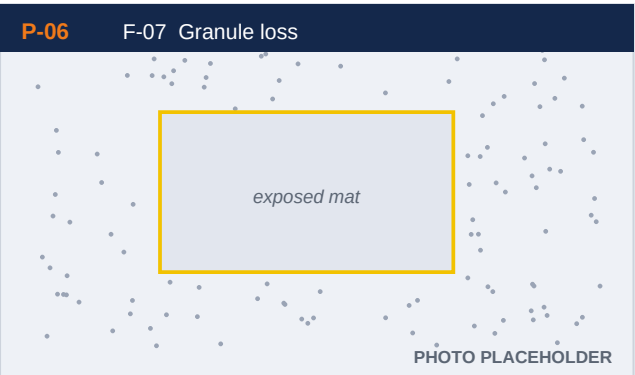
P-03. F1 NE hip: creased and lifted tabs with broken seal strips. Zoom 4x, 40 ft AGL.



P-04. F2 South slope plumbing vent: cracked boot collar. Close-up, 20 ft above surface.



P-05. South garage eave gutter: three impact dents and one loose hanger. Oblique, 30 ft AGL.



P-06. F3 West slope lower courses: granule loss with localized exposed mat (~2 sq ft).

Flight Details

Aircraft	[Aircraft make/model] (sub-55 lb sUAS)
FAA registration #	[FA-XXXXXXXXXX]
Remote ID	Compliant - standard Remote ID broadcast (built-in)
Remote pilot in command	Daniel Brown, FAA Part 107 Remote Pilot
Part 107 certificate #	_____
Airspace	[Class G / Class B-D surface area - verify at flight time]
LAANC authorization #	_____ (N/A if Class G)
Max altitude flown	120 ft AGL (overview); 20-40 ft above roof (detail)
Flight mode	Manual detail passes + automated nadir grid
Images captured	142 stills (48 MP); 1 orbit video (4K)
Pre-flight / VLOS	Checklist completed; visual line of sight maintained; no flight over non-participants
Owner consent	Property Owner Consent to Drone Imaging form signed [date]

Disclaimer & Limitations

This report is a **visual inspection only**, based on aerial imagery captured by a small unmanned aircraft on the date listed. It is **not an engineering evaluation, structural assessment, code-compliance review, or insurance coverage or claim determination**, and it does not certify the roof's watertightness or remaining service life. Conditions not visible from the air - including decking, underlayment, attic, interior, and concealed areas - were not evaluated. Measurements, pitch, age, and quantities are **estimates** and must be verified before ordering materials or pricing work. Severity ratings reflect the inspector's observations and are provided to assist the client roofer and any insurance adjuster, who are responsible for final repair scope and claim decisions. Images were captured with the property owner's or occupant's written consent (Texas Government Code Ch. 423), with the camera directed at the subject roof. This report is prepared for the named client and property owner and may not be relied upon by third parties.

Remote Pilot / Inspector signature

Daniel Brown, FAA Part 107 Remote Pilot

Date