



FORENSIC IMAGE ANALYSIS REPORT

PREPARED FOR	[REDACTED]
CLAIM	[REDACTED]
MATTER	Refrigerated Trailer Photograph Authenticity
DATE AT ISSUE	[REDACTED]
INTERNAL CASE	[REDACTED]
ANALYST	Grant Kent, Head Forensic Analyst
REPORT DATE	[REDACTED]

EXAMINATION PURPOSE Assess whether four trailer photographs are consistent with original phone-camera captures and whether the recorded capture date, time, or location shows evidence of change.

Executive Summary

[REDACTED] requested a forensic review of four photographs reportedly supplied by a trailer lessor. The review considered the native HEIC file identifiers and SHA-256 values, four ExifTool 13.59 metadata reports, reduced PNG viewing copies, map-comparison images, historical weather findings, and reported automated AI-screening results.

The principal finding is that the evidence strongly supports a legitimate, sequential Apple iPhone camera workflow. The four files contain internally consistent Apple camera, lens, MakerNote, timestamp, GPS, and processing information. Their recorded times progress in filename order over approximately 20 seconds, and the visible sequence moves logically from the trailer interior to the surrounding lot.

The recorded capture dates are repeated across EXIF, XMP, GPS, and Apple metadata fields. The -05:00 offset is appropriate for Central Daylight Time in [REDACTED]. The four recorded GPS points are tightly clustered near [REDACTED], with overlapping accuracy ranges. Supplied Apple Maps and Google Maps comparisons show multiple corresponding site features, including the commercial-building arrangement, gutters, concrete barriers, utility poles, and a distinct leaning utility pole.

The photographs also show wet pavement, moisture, and subdued lighting. The historical weather findings supplied in the case notes report rain and overcast conditions at approximately the recorded time. Weather information cannot authenticate an image by itself, but it provides secondary corroboration because the reported conditions agree with the observable scene.

No affirmative indication of generative-AI creation or material external editing was identified in the supplied metadata results, visual examination, or reported automated screening. Automated detector outputs remain probabilistic and were considered only with the broader camera, temporal, geographic, weather, and continuity evidence.

Exhibit Overview - Four Primary Photographs Reviewed

FILES REVIEWED | FOUR SEQUENTIAL APPLE HEIC PHOTOGRAPHS



Figure 1. The four submitted viewing copies, shown in recorded sequence.

Examination Profile

4 NATIVE HEIC FILES IDENTIFIED	4 PNG VIEWING COPIES REVIEWED	4 OF 4 FILES WITH EMBEDDED GPS
20 SEC APPROXIMATE CAPTURE SEQUENCE	1 APPLE IPHONE CAMERA WORKFLOW	0 AFFIRMATIVE AI INDICATORS

Client Questions Answered

Client question	Direct answer	What the evidence means
Are the files consistent with original phone photographs?	YES	The native HEIC structure and detailed, varying Apple camera metadata are consistent with four separately captured photographs from an iPhone 17 Pro camera workflow.
Do the recorded date and time appear internally consistent?	YES	EXIF, XMP, GPS, and Apple runtime information support [REDACTED] from approximately 4:55:05 PM through 4:55:25 PM Central Daylight Time.
Does the recorded location correspond with the scene?	YES	The GPS points cluster near the same [REDACTED] commercial property, and the supplied comparisons show multiple persistent site features.
Was generative AI or material external editing established?	NO	No affirmative indication was identified in the supplied metadata, visual review, or reported screening. This does not mean alteration is technically impossible.

Key Corroborating Indicators

Weight	Indicator	Why it matters
High	Apple camera provenance	Detailed camera, lens, MakerNote, runtime, exposure, focus, HDR, and unique identifier data vary naturally across the four files.
High	Sequential timing	Filenames, conventional timestamps, Apple runtime values, visible movement, and GPS measurements progress in the same order over approximately 20 seconds.
High	Geographic consistency	Recorded coordinates are tightly clustered and correspond with persistent landmarks in the supplied map imagery.
Supporting	Weather consistency	Reported rain and overcast observations agree with wet pavement, moisture, and subdued lighting in the photographs.

BOTTOM LINE In our professional opinion, the totality of the supplied evidence strongly supports that IMG_8834.heic through IMG_8837.heic are legitimate, sequential photographs produced through an Apple iPhone camera workflow. The recorded capture date, time, and location are internally consistent with the observable scene, and no material evidence of generative-AI creation or external editing was identified.

Professional Opinion and Direct Answers

What can be established

- The four native files are HEIC images with detailed metadata consistent with an Apple iPhone 17 Pro camera workflow.
- The recorded sequence runs from approximately 4:55:05 PM to 4:55:25 PM Central Daylight Time on [REDACTED].
- The GPS points cluster near [REDACTED] W in [REDACTED], and correspond with the examiner referenced geographic comparisons.
- The visible sequence moves coherently from the trailer interior to the rear exterior.
- No affirmative generative-AI provenance marker or material external-editing indicator was identified in the supplied examination results.

What cannot be established

- Metadata alone cannot establish that alteration was technically impossible, although the examiner noticed no indicators of modification.
- The originating iPhone, Apple Photos database, and complete asset history were not presented.
- Automated AI-screening results cannot conclusively prove the absence of AI-generated or altered content.

Overall opinion

In our professional opinion, IMG_8834.heic through IMG_8837.heic are legitimate, sequential photographs produced through an Apple iPhone camera workflow. The combined native-file structure, Apple camera metadata, timestamps, internal runtime values, GPS measurements, visible movement, landmark comparisons, and weather consistency strongly support the recorded capture circumstances.

1. Assignment and Scope

The client reported that four photographs were supplied by a trailer lessor in connection with an empty refrigerated trailer. The client requested analysis to determine whether the photographs were original phone photographs, whether they were taken on [REDACTED] and whether their recorded date or location had been changed. Our work was limited to the supplied evidence and examination results.

2. Evidence Inventory and Source Hashes

ID	Filename	Classification	Native evidence SHA-256
E01	IMG_8834.heic	Interior photograph	681D44E02181C09070FF790E2FED962E 845AE81648CC50EAD600EF47F134CE7C
E02	IMG_8835.heic	Doorway and interior photograph	637D24C5914C6FD24DBFCAB3B798402 8D78E1DA2A040D84F76283104AEB9279B
E03	IMG_8836.heic	Rear exterior photograph	98FC7D9B92ACB3A30F2211BD8303E7C 741D14AE086354B5C058C992C0177A8CF
E04	IMG_8837.heic	Rear and side exterior photograph	A4C1D6950906A2CE8684AD65474EEBDE B5084D2CE74CB946204F92CC1B37B4B0

3. Methodology

The examination approach preserved the distinction between native-file metadata, derivative viewing copies, supplied comparison imagery, automated detector output, and professional interpretation. The examiner used ExifTool 13.59 for detailed metadata extraction.

Procedure	Purpose
Preservation and identification	Record native filenames and SHA-256 values; distinguish native HEIC evidence from PNG viewing copies and supporting exhibits.
Container and metadata review	Evaluate HEIC structure, EXIF, XMP, GPS, Apple MakerNotes, unique identifiers, timestamps, software, camera, lens, exposure, focus, and processing fields.
Sequence and visual review	Compare filenames, capture times, Apple runtime values, viewpoints, perspective, lighting, text, hardware, reflections, and scene continuity.
Temporal and geographic consistency	Compare time-zone-aware timestamps, GPS points, accuracy ranges, map landmarks, and supplied historical weather findings.
AI and provenance screening	Interpret reported automated screening and absence of provenance markers only in the context of the full file and scene evidence.

4. File Structure and Camera Findings

All four native files were identified in the supplied reports as HEIC images using an HEVC still-image structure. The metadata consistently identifies Apple as the manufacturer, iPhone 17 Pro as the camera model, Apple software version 26.3.1, the back normal camera, and a 6.765 mm f/1.78 lens with an approximately 24 mm equivalent focal length. Each file records native dimensions of 5712 x 4284 pixels.

Field group	Reported value	Interpretation
Detected file type	HEIC / HEVC still image	Consistent across all four reports
Camera	Apple iPhone 17 Pro	Make, model, and host computer agree
Lens / position	Back triple camera; 6.765 mm; f/1.78	Back normal camera; about 24 mm equivalent
Scene classification	Directly photographed	Reported for each native file
Apple processing	MakerNote version 16; HDR fields	Detailed values vary by image
Identifiers	Unique Photoidentifier and capture request ID	Supports separate capture records

Interpretation

The individual exposure, focus, sensor-orientation, HDR gain, runtime, and GPS fields differ naturally among the photographs. The presence and internal variation of these values are consistent with four separately captured images rather than one metadata record copied unchanged across different files.

No discovered metadata field specifically identifies Adobe Photoshop, another external editor, or a generative-AI platform as the application responsible for creating the native files. The standardized XMP-photoshop:DateCreated namespace does not, by itself, show that Photoshop was used. Likewise, the General Composite Image field is compatible with ordinary smartphone HDR processing and does not, by itself, indicate that unrelated scenes were manually combined.

5. Recorded Capture Sequence

ID	File	Recorded local time	Coordinates	GPS accuracy
E01	IMG_8834.heic	4:55:05.376 PM	[REDACTED]° N [REDACTED]° W	6.94 m
E02	IMG_8835.heic	4:55:11.839 PM	[REDACTED]° N [REDACTED]° W	7.10 m
E03	IMG_8836.heic	4:55:19.688 PM	[REDACTED]° N [REDACTED]° W	5.70 m
E04	IMG_8837.heic	4:55:24.958 PM	[REDACTED]° N [REDACTED]° W	4.75 m

Table 1. Recorded sequence on [REDACTED] Local times include the reported -05:00 offset.

Conventional timestamps and Apple runtime values progress in the same order. The tightly clustered GPS points and overlapping accuracy ranges are consistent with movement from the trailer interior to the exterior at one commercial property.

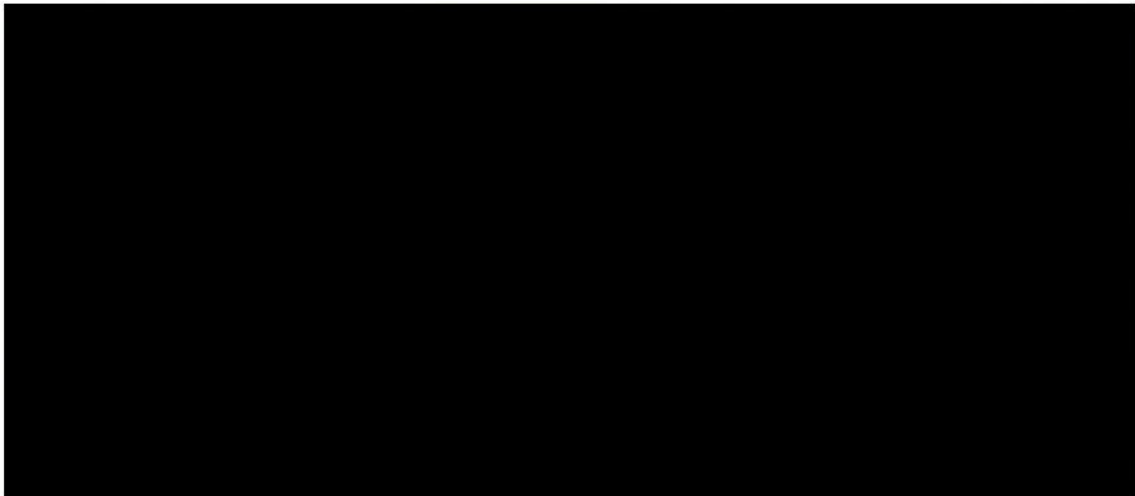
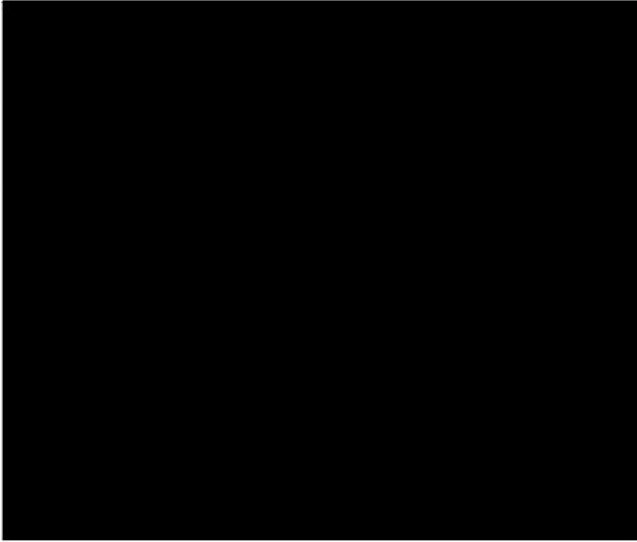
The visible sequence progresses from inside the refrigerated trailer to a wider exterior view. Continuing features include [REDACTED] Logistics and [REDACTED] Trailers Rental markings, registration plate, [REDACTED] markings, rear-door hardware, lights, reflectors, interior cargo rails, the yellow ceiling liner, ribbed flooring, wet pavement, and adjacent commercial vehicles.

6. Geographic Corroboration

The approximate center of the recorded coordinates is [REDACTED] W in a commercial and industrial area near [REDACTED]. The examiner comparisons identify the commercial-building arrangement, rooflines, gutters and downspouts, roadway barriers, utility poles and overhead lines, a distinct leaning utility pole, and the surrounding trailer-storage area.



Figure 2. Examiner- created analysis highlighting the leaning utility pole, roadway barriers, and adjacent details visible in E04.



 These similarities support geographic consistency between the embedded coordinates and the visible scene. Map imagery has been captured on a different date and therefore supports location rather than the exact capture date.

7. Geographic Context



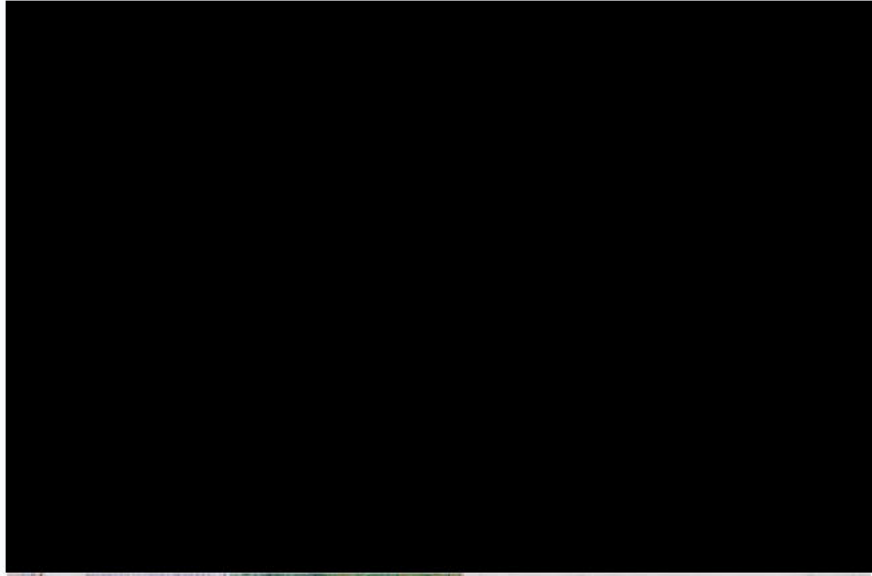


Figure 5. Aerial view of the commercial lot near [REDACTED]. Source: Google Maps.

APPLE MAPS LOOK AROUND

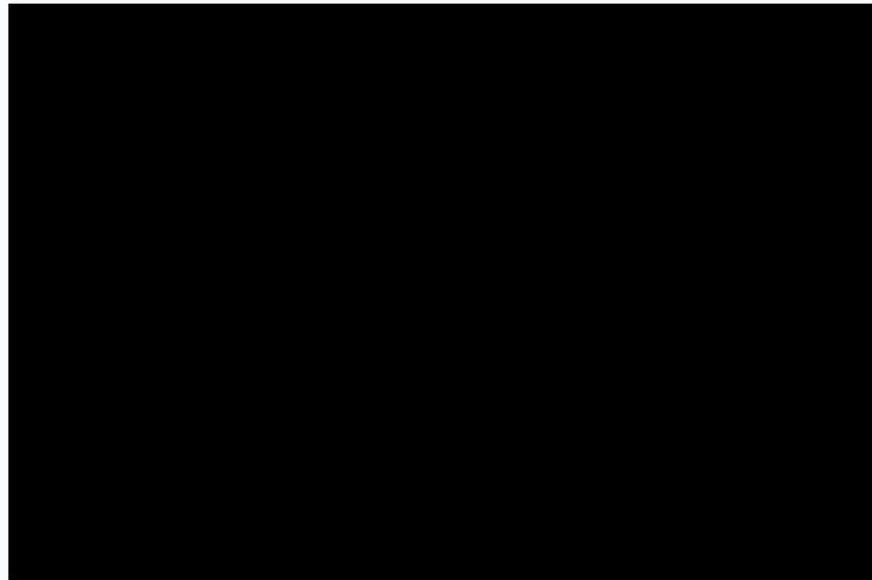


Figure 6. Street-level imagery showing the building arrangement and utility-pole configuration. Source: Apple Maps Look Around.

8. Date, Time, Weather, and Visual Consistency

HISTORICAL WEATHER DATA



Figure 7. Historical weather data for [REDACTED] Source: Weather.com.

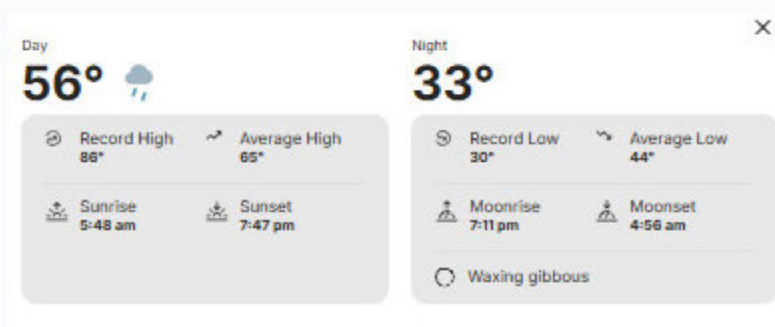


Figure 8. Historical weather data for [REDACTED] [REDACTED]. Source: Weather.com.

Date and time

The [REDACTED] date is repeated across EXIF DateTimeOriginal, CreateDate, ModifyDate, XMP creation and modification dates, the XMP date-created field, and the GPS date stamp. Each file records a -05:00 offset, consistent with Central Daylight Time in [REDACTED] on that date. GPS times near 21:55 UTC correspond to approximately 4:55 PM local time.

Minor differences of several seconds between a GPS position fix and the final image timestamp can occur when a phone saves its most recent location fix. The differences documented here are minor and do not present a material contradiction.

Weather consistency

The photographs show wet pavement, moisture on the trailer, overcast skies, and apparent light precipitation or droplets. A cross-reference of the recorded date and location against historical weather records showed rain in [REDACTED] on [REDACTED]; heavy rain, rain, light rain, fog, and mist in observations for [REDACTED] and a [REDACTED] observation at 4:53 PM of light rain, overcast skies, approximately 47 F, and easterly winds.

Visual consistency

Perspective, lighting, shadows, reflections, hardware, text, and background objects remain coherent across the sequence. No malformed text, duplicated hardware, inconsistent trailer geometry, impossible reflections, broken perspective, conflicting light direction, or unexplained continuity change was identified.

9. AI and Provenance Screening

Sightova reported no signs of generative-AI creation. No C2PA credential, SynthID marker, or other affirmative generative-AI provenance indicator was identified in the examination information. The absence of C2PA information is not unusual for an ordinary phone photograph and is neutral rather than suspicious.

Automated detectors can produce false-positive and false-negative results. Their output was therefore considered only with the Apple camera metadata, HEIC structure, GPS information, capture sequence, geographic comparisons, weather findings, and visual continuity.

Indicator	Reported result	Interpretation
Sightova	No signs reported	Supporting screening result; not conclusive by itself – utilized converted PNGs
C2PA credentials	Not identified	Absence is neutral for an ordinary phone photograph
SynthID or other AI marker	Not identified	No affirmative provenance marker was discovered

Appendix A - Selected Metadata Reference

File	Size	Local capture time	Apple runtime value	Photoidentifier
IMG_8834.heic	2.6 MB	4:55:05.376 PM	503178445855500	2FD4EE95-C521-494D-AA58-E497CABAC6DA
IMG_8835.heic	3.1 MB	4:55:11.839 PM	503184778906958	6100E5B4-93B2-46F1-8659-AE8DF3C98717
IMG_8836.heic	2.7 MB	4:55:19.688 PM	503192745758750	6B4D90B0-D352-46D1-A644-A66F55AE2B42
IMG_8837.heic	3.0 MB	4:55:24.958 PM	503198012565958	51B6F6E7-DC2C-4C1E-92E8-43785628DDAD

Shared camera profile

Field	Reported value
File structure	HEIC / HEVC still image
Native dimensions	5712 x 4284 pixels
Camera	Apple iPhone 17 Pro
Software	Apple 26.3.1
Lens	iPhone 17 Pro back triple camera 6.765 mm f/1.78
Camera position	Back normal camera
Scene type	Directly photographed
MakerNote version	16
Timezone offset	-05:00

Interpretive notes

- Unique Photoidentifier and ImageCaptureRequestID values were reported for each photograph.
- Exposure, focus, HDR gain, sensor orientation, and GPS accuracy values vary across the sequence.
- The XMP Photoshop namespace is not evidence that Adobe Photoshop created or edited the files.
- The General Composite Image field is compatible with normal smartphone computational photography.

Appendix B - Detailed Metadata Readouts

The following readouts reproduce the supplied image and container metadata observed during analysis.

B1 - IMG_8834.heic

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[ExifTool:Main] ExifToolVersion      : 13.59
[File:Other:Main] FileType            : HEIC
[File:Other:Main] FileTypeExtension  : heic
[File:Other:Main] MIMEType            : image/heic
[QuickTime:Video:Main] MajorBrand     : High Efficiency Image Format HEVC still image (.HEIC)
[QuickTime:Video:Main] MinorVersion   : 0.0.0
[QuickTime:Video:Main] CompatibleBrands : [mif1,MiHE,miaf,MiHB,heic]
[QuickTime:Video:Main] HandlerType    : Picture
[QuickTime:Video:Main] MaxContentLightLevel : 203
[QuickTime:Video:Main] MaxPicAverageLightLevel : 64
[QuickTime:Video:Main] HEVCConfigurationVersion : 1
[QuickTime:Video:Main] GeneralProfileSpace : Conforming
[QuickTime:Video:Main] GeneralTierFlag : Main Tier
[QuickTime:Video:Main] GeneralProfileIDC : Main Still Picture
[QuickTime:Video:Main] GenProfileCompatibilityFlags: Main Still Picture, Main 10, Main
[QuickTime:Video:Main] ConstraintIndicatorFlags : 176 0 0 0 0
[QuickTime:Video:Main] GeneralLevelIDC : 93 (level 3.1)
[QuickTime:Video:Main] MinSpatialSegmentationIDC: 0
[QuickTime:Video:Main] ParallelismType : 0
[QuickTime:Video:Main] ChromaFormat : 4:2:0
[QuickTime:Video:Main] BitDepthLuma : 8
[QuickTime:Video:Main] BitDepthChroma : 8
[QuickTime:Video:Main] AverageFrameRate : 0
[QuickTime:Video:Main] ConstantFrameRate : Unknown
[QuickTime:Video:Main] NumTemporalLayers : 1
[QuickTime:Video:Main] TemporalIDNested : No
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0016: 3
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0017: 160
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0018: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0019: 1
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001a: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001b: 23
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001c: 64
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001d: 1
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001e: 12
[QuickTime:Video:Main] QuickTime HEVCConfig 0x001f: 1
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0020: 255
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0021: 255
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0022: 3
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0023: 112
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0024: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0025: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0026: 3
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0027: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0028: 176
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0029: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x002a: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x002b: 3
[QuickTime:Video:Main] QuickTime HEVCConfig 0x002c: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x002d: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x002e: 3
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x003a: 1
[QuickTime:Video:Main] QuickTime HEVCConfig 0x003b: 3
[QuickTime:Video:Main] QuickTime HEVCConfig 0x003c: 112
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x004b: 5
[QuickTime:Video:Main] QuickTime HEVCConfig 0x004c: 2
[QuickTime:Video:Main] QuickTime HEVCConfig 0x004d: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x004e: 224
[QuickTime:Video:Main] QuickTime HEVCConfig 0x004f: 88
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x0050: 135
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x0052: 69
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0053: 149
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0054: 77
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0055: 192
[QuickTime:Video:Main] QuickTime HEVCConfig 0x0056: 128
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x0059: 32
[QuickTime:Video:Main] QuickTime HEVCConfig 0x005a: 162
[QuickTime:Video:Main] QuickTime HEVCConfig 0x005b: 0
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x005d: 0
[QuickTime:Video:Main] QuickTime HEVCConfig 0x005e: 9
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[QuickTime:Video:Main] QuickTime HEVCConfig 0x0060: 1
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[QuickTime:Video:Main] MediaDataSize : 2546966
[QuickTime:Video:Main] MediaDataOffset : 4229
[QuickTime:Video:Main] MediaData : (Binary data 2546966 bytes, use -b option to extract)
[QuickTime:Meta:Video:Main] PrimaryItemReference: 46
[QuickTime:Meta:Video:Main] MetaImageSize : 5712x4284 0 516 2856 2142
[File:Image:Main] ExifByteOrder : Big-endian (Motorola, MM)
[File:Image:Main] ImageWidth : 5712
[File:Image:Main] ImageHeight : 4284
[EXIF:IFD0:Camera:Main] Make : Apple
[EXIF:IFD0:Camera:Main] Model : iPhone 17 Pro
[EXIF:IFD0:Image:Main] Orientation : Rotate 90 CW
[EXIF:IFD0:Image:Main] XResolution : 72
[EXIF:IFD0:Image:Main] YResolution : 72
[EXIF:IFD0:Image:Main] ResolutionUnit : inches
[EXIF:IFD0:Image:Main] Software : 26.3.1
[EXIF:IFD0:Image:Main] HostComputer : iPhone 17 Pro
[EXIF:IFD0:Image:Main] TileWidth : 640
[EXIF:IFD0:Image:Main] TileLength : 896
[EXIF:IFD0:Time:Main] ModifyDate : 
[EXIF:ExifIFD:Image:Main] ExposureTime : 1/121
[EXIF:ExifIFD:Image:Main] FNumber : 1.8
[EXIF:ExifIFD:Image:Main] ISO : 200
[EXIF:ExifIFD:Image:Main] ExifVersion : 0232
[EXIF:ExifIFD:Image:Main] ShutterSpeedValue : 1/121
[EXIF:ExifIFD:Image:Main] ApertureValue : 1.8
[EXIF:ExifIFD:Image:Main] BrightnessValue : 3.177389484
[EXIF:ExifIFD:Image:Main] ExposureCompensation : 0
[EXIF:ExifIFD:Image:Main] ColorSpace : Uncalibrated
[EXIF:ExifIFD:Image:Main] ExifImageWidth : 5712
[EXIF:ExifIFD:Image:Main] ExifImageHeight : 4284
[EXIF:ExifIFD:Image:Main] SceneType : Directly photographed
[EXIF:ExifIFD:Image:Main] LensInfo : 2.220000029-16.890625mm f/1.779999971-2.798828125
[EXIF:ExifIFD:Image:Main] LensMake : Apple
[EXIF:ExifIFD:Image:Main] LensModel : iPhone 17 Pro back triple camera 6.765mm f/1.78
[EXIF:ExifIFD:Image:Main] CompositeImage : General Composite Image
[EXIF:ExifIFD:Camera:Main] ExposureProgram : Program AE
[EXIF:ExifIFD:Camera:Main] MeteringMode : Multi-segment
[EXIF:ExifIFD:Camera:Main] Flash : Off, Did not fire
[EXIF:ExifIFD:Camera:Main] FocalLength : 6.8 mm
[EXIF:ExifIFD:Camera:Main] SubjectArea : 2853 2140 3142 1881
[EXIF:ExifIFD:Camera:Main] SensingMethod : One-chip color area
[EXIF:ExifIFD:Camera:Main] ExposureMode : Auto
[EXIF:ExifIFD:Camera:Main] WhiteBalance : Auto
[EXIF:ExifIFD:Camera:Main] FocalLengthIn35mmFormat: 24 mm
[EXIF:ExifIFD:Time:Main] DateTimeOriginal : 
[EXIF:ExifIFD:Time:Main] CreateDate : 
[EXIF:ExifIFD:Time:Main] OffsetTime : -05:00
[EXIF:ExifIFD:Time:Main] OffsetTimeOriginal : -05:00
[EXIF:ExifIFD:Time:Main] OffsetTimeDigitized : -05:00
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[EXIF:ExifIFD:Time:Main] SubSecTimeDigitized : 376
[MakerNotes:Apple:Image:Main] MakerNoteVersion : 16
[MakerNotes:Apple:Image:Main] RuntimeFlags : Valid
[MakerNotes:Apple:Image:Main] RuntimeValue : 503178445855500
[MakerNotes:Apple:Image:Main] RuntimeScale : 1000000000
[MakerNotes:Apple:Image:Main] RuntimeEpoch : 0
[MakerNotes:Apple:Image:Main] AESTable : Yes
[MakerNotes:Apple:Image:Main] AETarget : 181
[MakerNotes:Apple:Image:Main] AEAverage : 179
[MakerNotes:Apple:Image:Main] AFStable : Yes
[MakerNotes:Apple:Image:Main] FocusDistanceRange: 1.09 - 1.24 m
[MakerNotes:Apple:Image:Main] Apple 0x000d : 6
[MakerNotes:Apple:Image:Main] Apple 0x000e : 0
[MakerNotes:Apple:Image:Main] Apple 0x0010 : 1
[MakerNotes:Apple:Image:Main] ImageCaptureType : Scene
[MakerNotes:Apple:Image:Main] LivePhotoVideoIndex: 8595185700
[MakerNotes:Apple:Image:Main] ImageProcessingFlags: [1], [13], [17], [21]
[MakerNotes:Apple:Image:Main] QualityHint : q750n
[MakerNotes:Apple:Image:Main] PhotosAppFeatureFlags: 0

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[MakerNotes:Apple:Image:Main] ImageCaptureRequestID: 3102F981-3636-4521-9D1A-5706933F35C3
[MakerNotes:Apple:Image:Main] HDRHeadroom : 1.00999999
[MakerNotes:Apple:Image:Main] AFPerformance : 199 1 26
[MakerNotes:Apple:Image:Main] SceneFlags : [1], [2], [3], [7], [12], [20], [21], [23]
[MakerNotes:Apple:Image:Main] SignalToNoiseRatioType: 3
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[ICC Profile:Image:Main] ProfileCopyright : Copyright Apple Inc., 2022
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B2 - IMG_8835.heic

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B3 - IMG_8836.heic

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[EXIF:IFD0:Image:Main] HostComputer : iPhone 17 Pro
[EXIF:IFD0:Image:Main] TileWidth : 640
[EXIF:IFD0:Image:Main] TileLength : 896
[EXIF:IFD0:Time:Main] ModifyDate : 
[EXIF:ExifIFD:Image:Main] ExposureTime : 1/567
[EXIF:ExifIFD:Image:Main] FNumber : 1.8
[EXIF:ExifIFD:Image:Main] ISO : 80
[EXIF:ExifIFD:Image:Main] ExifVersion : 0232
[EXIF:ExifIFD:Image:Main] ShutterSpeedValue : 1/567
[EXIF:ExifIFD:Image:Main] ApertureValue : 1.8
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[EXIF:ExifIFD:Image:Main] ExposureCompensation : 0
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[EXIF:ExifIFD:Image:Main] SceneType : Directly photographed
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[EXIF:ExifIFD:Image:Main] LensModel : iPhone 17 Pro back triple camera 6.765mm f/1.78
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[EXIF:ExifIFD:Camera:Main] ExposureProgram : Program AE
[EXIF:ExifIFD:Camera:Main] MeteringMode : Multi-segment
[EXIF:ExifIFD:Camera:Main] Flash : Off, Did not fire
[EXIF:ExifIFD:Camera:Main] FocalLength : 6.8 mm
[EXIF:ExifIFD:Camera:Main] SubjectArea : 2853 2140 3142 1881
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[EXIF:ExifIFD:Camera:Main] ExposureMode : Auto
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[ICC Profile:Image:Main] ProfileCopyright : Copyright Apple Inc., 2022
[ICC Profile:Image:Main] MediaWhitePoint : 0.96419 1 0.82489
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B4 - IMG_8837.heic

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[EXIF:IFD0:Image:Main] YResolution : 72
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[EXIF:ExifIFD:Camera:Main] ExposureMode : Auto
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[XMP:XMP-photoshop:Time:Main] DateCreated : 
[XMP:XMP-HDRGainMap:Unknown:Doc1] HDRGainMapVersion: 0.2.0.0
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[ICC Profile:ICC-header:Image:Main] ProfileConnectionSpace: XYZ
[ICC Profile:ICC-header:Image:Main] ProfileFileSignature: acsp
[ICC Profile:ICC-header:Image:Main] PrimaryPlatform: Apple Computer Inc.
[ICC Profile:ICC-header:Image:Main] CMMFlags : Not Embedded, Independent
[ICC Profile:ICC-header:Image:Main] DeviceManufacturer: Apple Computer Inc.
[ICC Profile:ICC-header:Image:Main] DeviceModel : 
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[ICC Profile:ICC-header:Image:Main] RenderingIntent: Perceptual
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[ICC Profile:Image:Main] ProfileDescription : Display P3
[ICC Profile:Image:Main] ProfileCopyright : Copyright Apple Inc., 2022
[ICC Profile:Image:Main] MediaWhitePoint : 0.96419 1 0.82489
[ICC Profile:Image:Main] RedMatrixColumn : 0.51512 0.2412 -0.00105
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[ICC Profile:Image:Main] RedTRC : (Binary data 32 bytes, use -b option to extract)
[ICC Profile:Image:Main] ChromaticAdaptation : 1.04788 0.02292 -0.0502 0.02959 0.99048 -0.01706 -0.00923 0.01508 0.75168
[ICC Profile:Image:Main] BlueTRC : (Binary data 32 bytes, use -b option to extract)
[ICC Profile:Image:Main] GreenTRC : (Binary data 32 bytes, use -b option to extract)
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[QuickTime:Image:Main] ImageSpatialExtent : 5712x4284
[QuickTime:Image:Main] Rotation : Rotate 90 CW
[QuickTime:Image:Main] ImagePixelDepth : 8 8 8
[QuickTime:Image:Doc1:Copy2] ImageSpatialExtent : 2856x2142
[QuickTime:Image:Doc1:Copy1] ImagePixelDepth : 8
[QuickTime:Image:Doc1] AuxiliaryImageType : urn:com:apple:photo:2020:aux:hdrgainmap

```

[QuickTime:Video:Doc3:Copy1] HEVCConfigurationVersion: 1
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[Composite:Camera:Main] FocalLength35efl : 6.8 mm (35 mm equivalent: 24.0 mm)
[Composite:Camera:Main] HyperfocalDistance : 3.04 m
[Composite:Camera:Main] LensID : iPhone 17 Pro back triple camera 6.765mm f/1.78
[Composite:Image:Main] Aperture : 1.8
[Composite:Image:Main] ImageSize : 5712x4284
[Composite:Image:Main] Megapixels : 24.5
[Composite:Image:Main] ShutterSpeed : 1/1949
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```

10. Conclusion

Topic	Conclusion
Apple camera workflow	The native HEIC structure and detailed Apple metadata are consistent with four separately captured photographs from an iPhone 17 Pro workflow.
Recorded sequence	Filenames, timestamps, Apple runtime values, GPS measurements, and visible movement progress coherently over approximately 20 seconds.
Date and time	EXIF, XMP, GPS, and Apple metadata are internally consistent with [REDACTED], at approximately 4:55 PM Central Daylight Time.
Location	The GPS cluster and landmark comparisons support the same [REDACTED] commercial property shown in the photographs.
Weather	Reported rain and overcast observations are consistent with the visible environmental conditions.
AI and editing	No affirmative evidence of generative-AI creation or material external editing was identified in the examination results.

Limitations

Source device: The originating iPhone, Apple Photos database, and complete asset history were not examined.

Viewing copies: The reduced PNG copies support general visual review but are not substitutes for native-resolution HEIC evidence in a pixel-level examination.

Metadata: Metadata can be altered, stripped, regenerated, or affected by processing and should not be treated as conclusive in isolation.

Map imagery: The examiner supplied map imagery may not be contemporaneous and supports geographic consistency rather than the exact capture date.

Weather: Historical weather supports environmental consistency only.

AI detection: AI-detection indicators are probabilistic and cannot conclusively prove the absence of generated or altered content.

Disclaimer

This report expresses a forensic opinion based on the materials identified and the scope described. It is not legal advice and does not decide liability, coverage, credibility or whether the underlying loss occurred as alleged. Image and file metadata may be incomplete or altered and must be interpreted with visual, contextual and corroborating evidence. Automated AI and synthetic-media results are probabilistic and should not be treated as proof without independent validation. Location accuracy is limited by the recorded positioning error and the completeness of the supplied mapping materials. The above information should not solely be relied upon without additional verification. Consequently, Becker and Company cannot guarantee the complete accuracy of the records reported and accepts no liability arising from their use. Client agrees and certifies that its ordering of and use of this report is in strict compliance with any applicable state and federal laws and regulations.

Remarks

We have completed the forensic analysis, and our file is now closed.

Sincerely,

G.K.

Head Forensic Analyst