Multiview Technology

Early Capture Impact on PSA Grades — Analysis & What■If Scenarios

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Standard: Multiview Grading Standards v1_4 (Strict+)

Cataloged by: Shawn Wiederhoeft

Mechanisms of Distortion (Harsh Lighting & >2 Angles)

Category	Mechanism	Net Bias Direction	Typical Effect
Geometry / Flatness	Shadow gradients mimic bow/concavity	Down	Curvature % overestimation; cap at ≤8.0
Coating Uniformity	Specular hot spots & falloff	Down	Inflated luminance variance; unevennes
Surface Integrity	High contrast reveals micro■pock noise	Down	Apparent pock density increase
Corners	Edge highlights appear as chips/rounding	Down	0.1–0.3 subgrade reduction
Edges	Ridge shadowing interpreted as compression	Down	0.1–0.3 subgrade reduction

Specimen What■If Regrade Ranges (Inference)

These ranges estimate how early capture conditions could have influenced PSA outcomes. They are not corrections; they indicate plausible shifts when re-imaged using the two■photo, bounce■lit protocol.

Specimen	Original Grade	Potential Bias Source	Estimated Clean-Capture Range
A-02	PSA 9.0 (Mint)	Minor bow in edge profile; strong directional light	PSA 9.0–9.5 (unchanged to +0.5)
A-03	PSA 8.0 (NM) under v1_4 regrade	Curvature near cap threshold; side-light artifacts	PSA 8.5–9.0
A-04	PSA 8.0 (NM) Rev2	Shadow-driven curvature signal (7.9–8.2%)	PSA 8.5–9.0
A-01	Not finalized in archive	Unknown; early capture conditions	TBD after clean recapture

Confidence & Limitations

• These are inference ranges based on image characteristics; physical re■capture is required for authoritative updates. • v1_4 Strict+ enforces deterministic rounding down; any subgrade <8.0 or curvature >7.5% hard■caps overall grade at ≤8.0. • Early reports remain in the archive for provenance even if regraded (suffix: _Rev#).

Recommended Capture Protocol (Quick Version)

1) Two photos only: top■down + side profile. 2) Bounce light (at ceiling/wall) or lamp behind camera; avoid side hotspots. 3) Flat white card as reference plane; keep camera level for the side shot. 4) Include a flat edge (caliper/ruler) in frame for geometric baseline. 5) Tag submissions with “GEOMETRY■ASSIST” when present.

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