Aerial Photography Field Office—Scaled Variations Artifact Book

CDRL A002
SUBMITTED UNDER GSA Contract Number GS-23F-0284M, SIN 871_2

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Engineered for life
Noise

σ for [R,G,B]=[12.12,12.15,11.90]
RER = 0.343
Shadow Clipping

2.19% clipped pixels
Shadow Clipping

0% clipped pixels (Target)

1.14% clipped pixels

2.19% clipped pixels

3.18% clipped pixels
Highlight Clipping

0% clipped pixels (Target) 0.95% clipped pixels

2.04% clipped pixels 2.92% clipped pixels
Overall Clipping

0% clipped pixels (Target)  1.28% clipped pixels

2.29% clipped pixels  3.14% clipped pixels
Low Contrast

Contrast = 164

Contrast = 143

Contrast = 113

Contrast = 79
Low Saturation

Saturation = 0.07
Low Saturation

Saturation = 0.09 (Target)  Saturation = 0.07

Saturation = 0.04
High Saturation

Saturation = 0.11
High Saturation

Saturation = 0.09 (Target)  
Saturation = 0.11  
Saturation = 0.15
2 pixel shift in the green channel
Color Channel Registration

0 pixel shift in the green channel (Target)
1 pixel shift in the green channel

2 pixel shift in the green channel
3 pixel shift in the green channel