Date:  2018-09-12
Flight Campaign ID:  2018_P3C1
Airport, FBO ID, City:  Boulder Municipal Airport (KBDU) - Boulder, CO

Domain:  10
Sites Flown:  RMNP_P1 (Rocky Mountain National Park Priority 1 ), RMNP_P2 (Rocky Mountain National Park Priority 2)
Days left in Domain:  1

Report Author:  Nick Marusich
Flight Crew:  Nick Marusich, Matt Devoe  Flight Hours:  01:39
Ground/GPS:  Matt Devoe  Hours until maintenance:  74.27
Pilots:  Stephen Brawders, Grant Frost
Additional Personnel:
GPS Instruments:  08 - BLDR, 14 - RMNP_P1

Summary
Perfect sky conditions clashed with payload issues, and the payload won. GPS degradation during flight resulted in low confidence of navigation solution. Re-attempt was made in the afternoon but was thwarted by a GPU failure.

Concerns
Lidar and NIS GPS satellite acquisition fell to 5 during flight and did not improve.

Comments
With one more day in the domain and clear weather forecast for tomorrow, coverage of RMNP is anticipated.

Flight Screenshots
Pictures

Above: Rocky Mountains under blue skies

Below: Fall hits the mountains early due to drought conditions
Daily Coverage

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Cumulative Domain Coverage

RMNP_P1

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