

PAN Random Uncertainty Analysis

Estimated PAN Absolute Precision

Date	DC-8	WP-3D pptv
7/22/2004		11
7/31/2004		10
8/7/2004		13.5

Estimated PAN Relative Precision

Date	DC-8	WP-3D
7/22/2004		4.48%
7/31/2004		4.38%
8/7/2004		5.63%

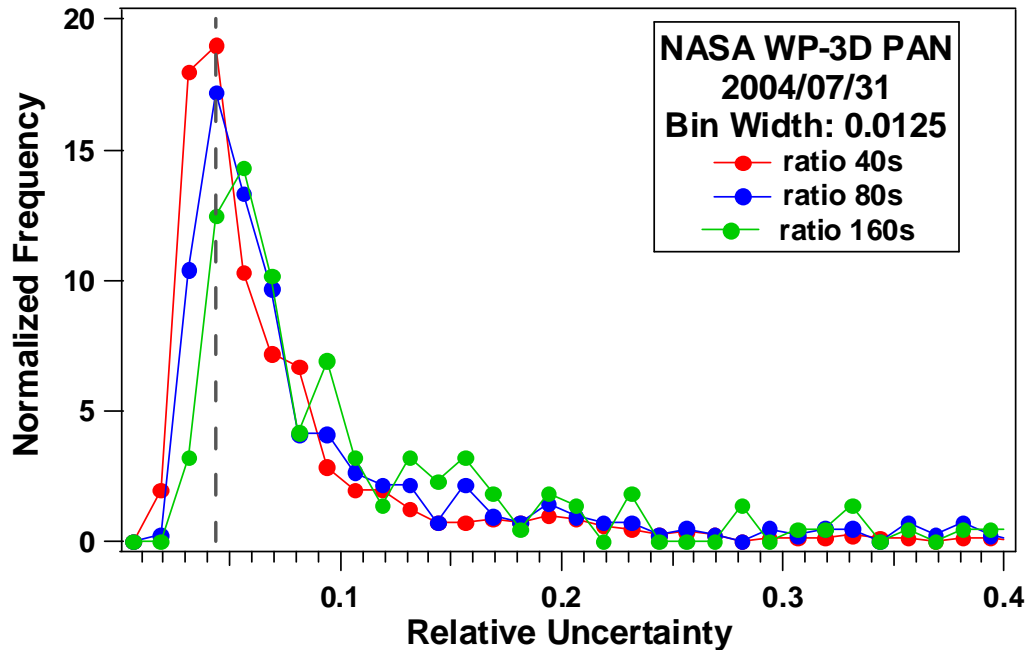
The DC-8 data resolution and reporting frequency is not suitable for internal check.

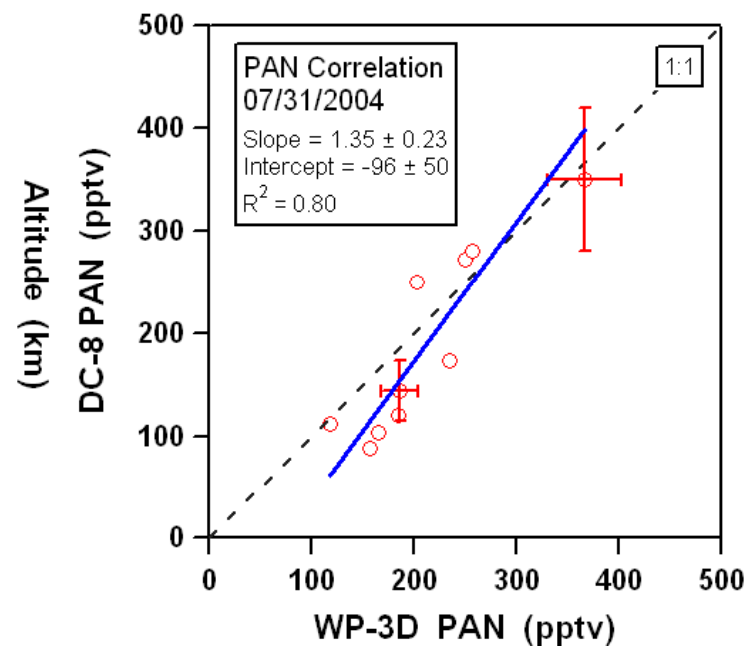
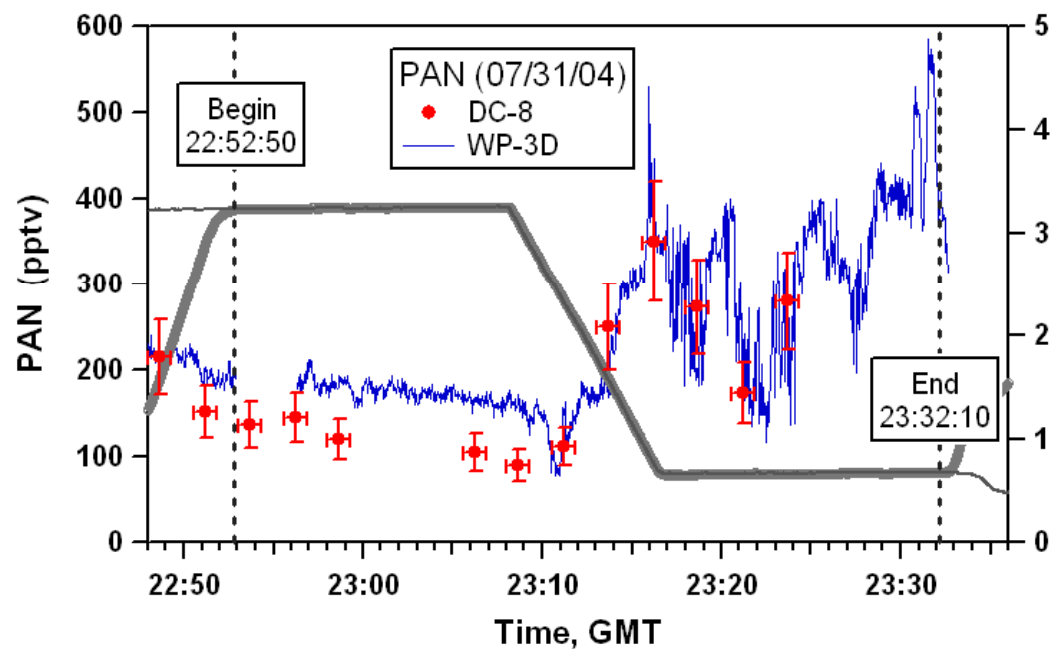
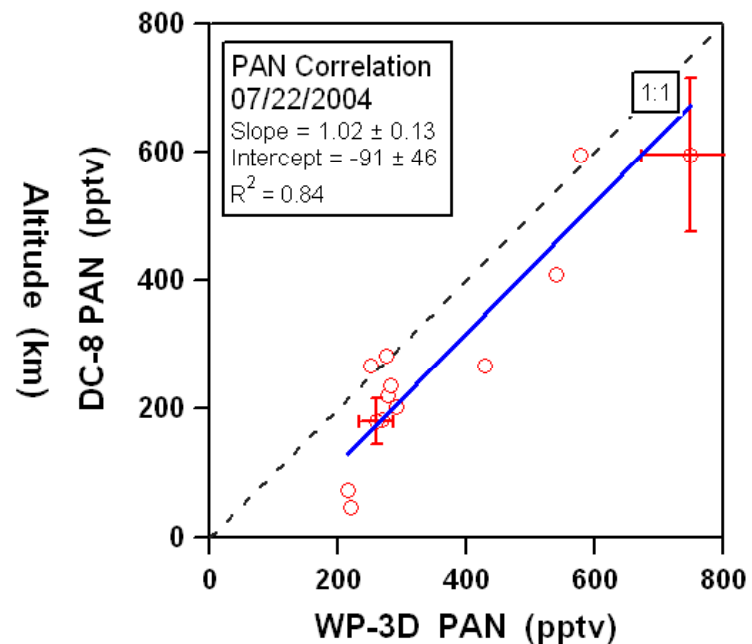
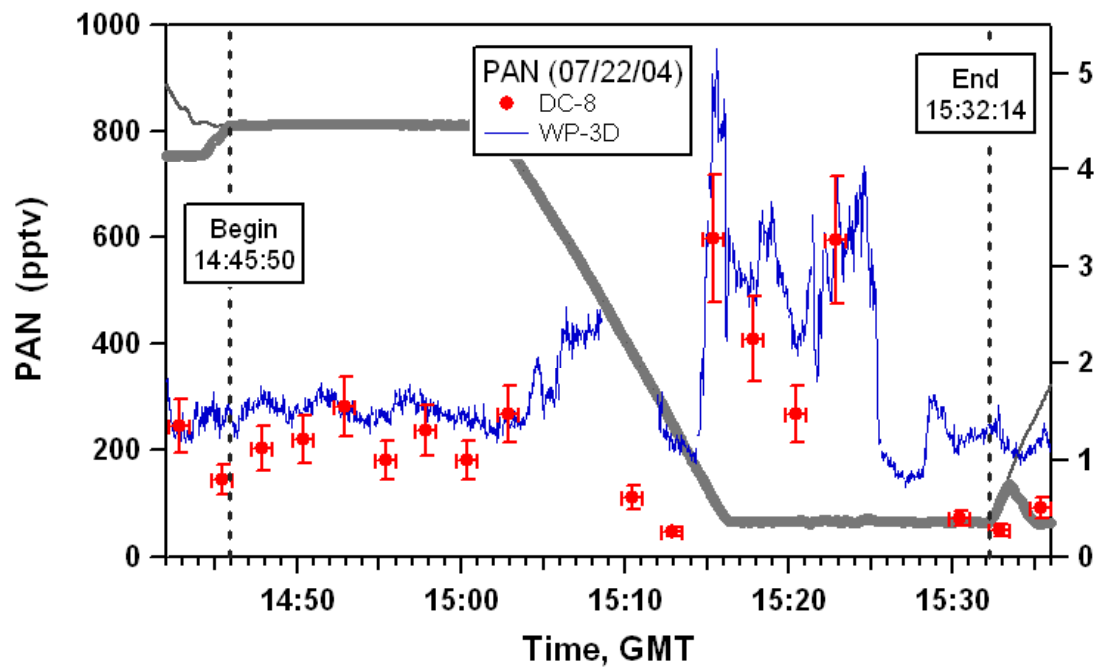
PI Reported Uncertainties

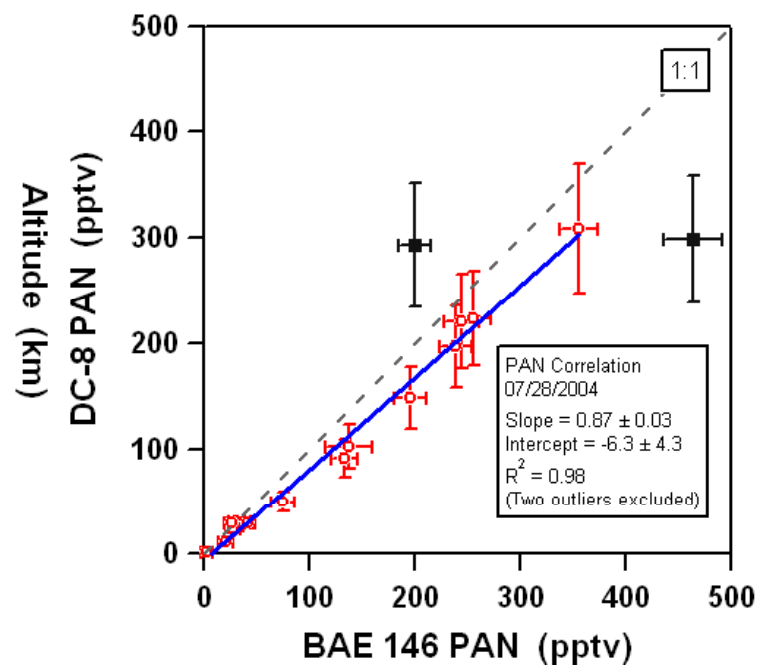
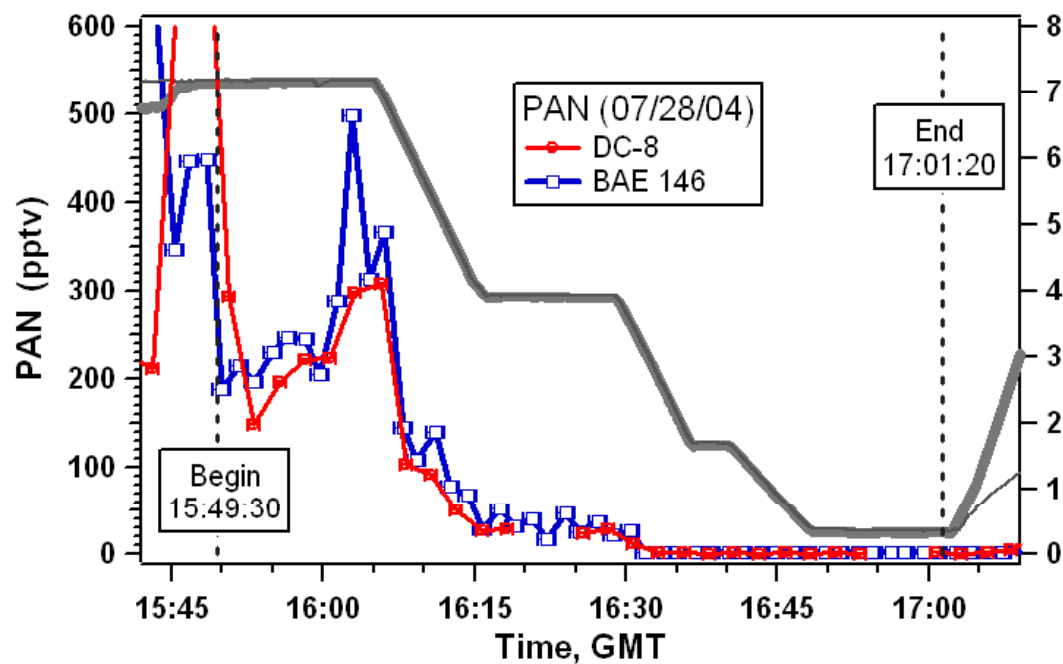
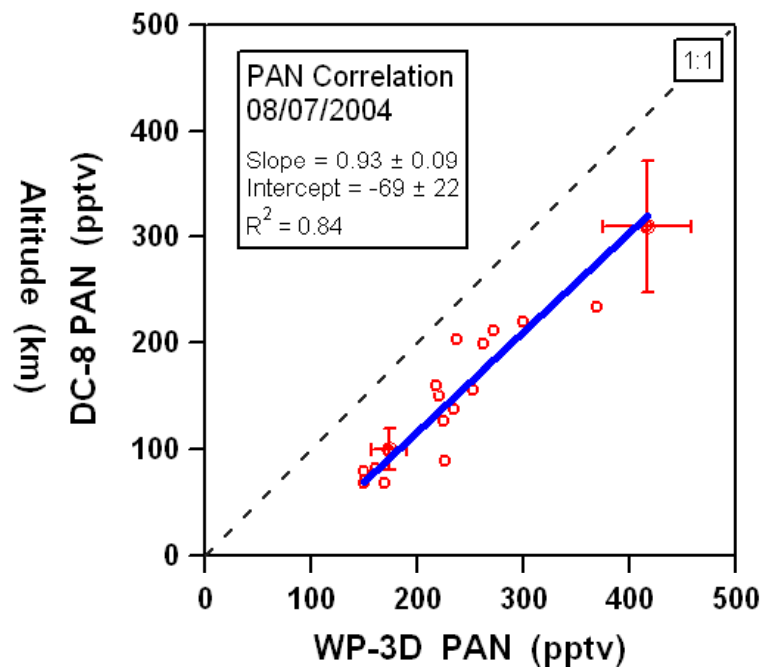
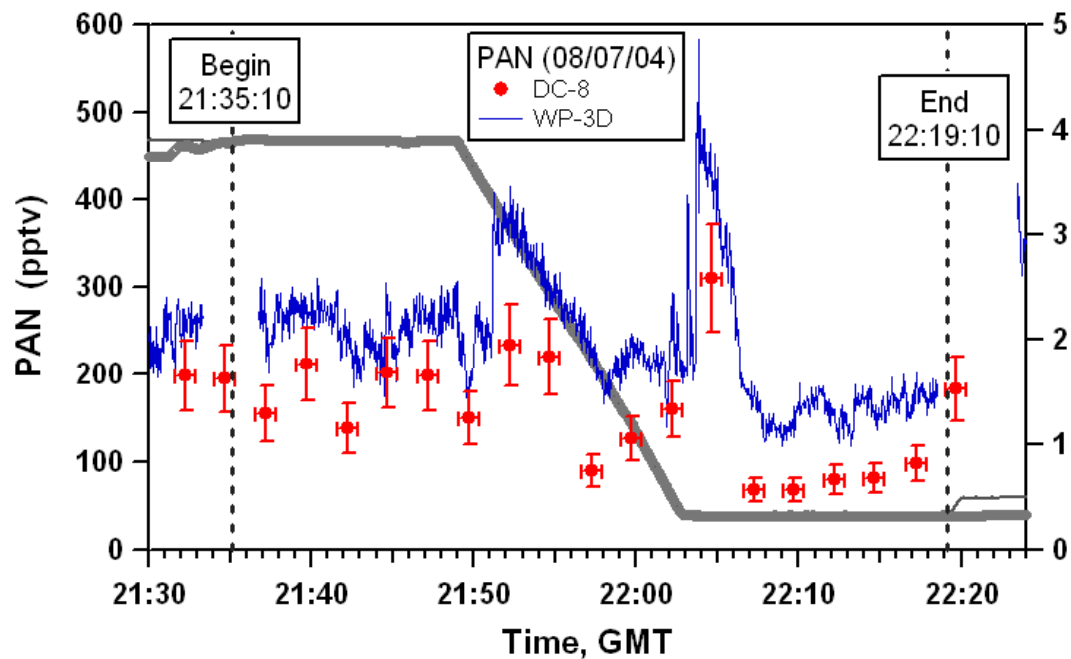
DC-8: $\pm 20\%$

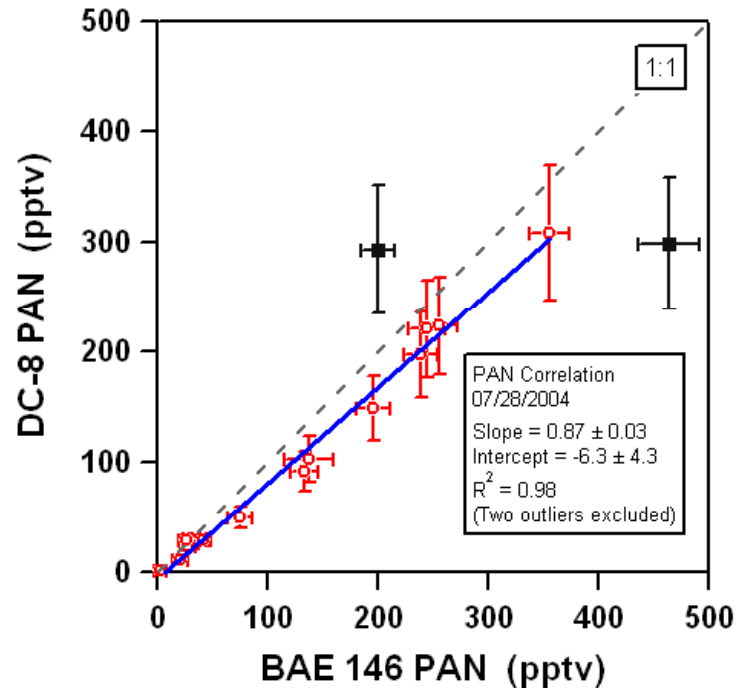
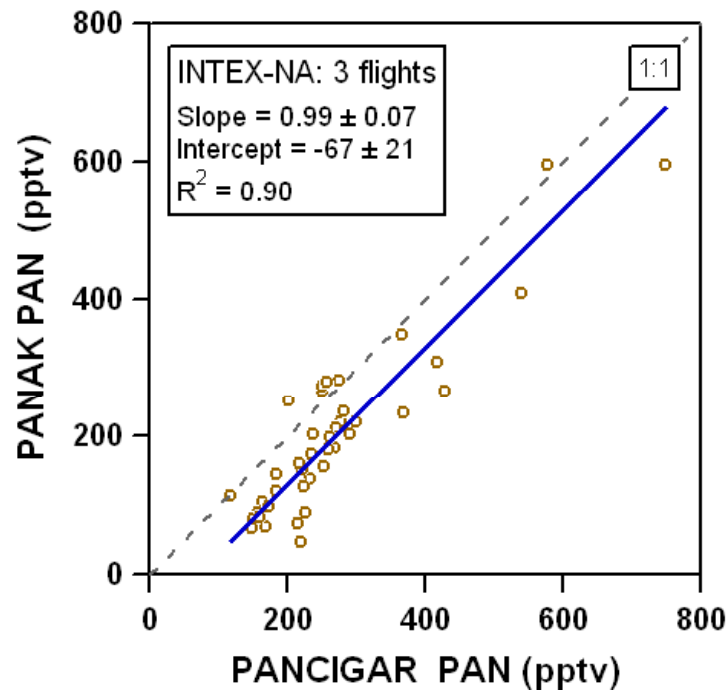
WP-3D: $\pm 10\%$, mostly from accuracy

Bae-146:









Projected ICARTT PAN Measurement Difference

DC-8	WP-3D	BAE-146
50	118	65
100	169	122
200	270	237
500	573	582
1000	1078	1157