

## Best Option?

$$\frac{\Delta p}{\text{PSFD}} = a_0 + a_1 \frac{\text{ADIFR}}{\text{QCR}} + a_2 \frac{\text{QCF}}{\text{PSFD}}$$

### Fit procedure:

- 1 Determine  $a_1$  by fit to pitch maneuvers
- 2 Keep  $a_1$  constant and fit for  $a_0$  and  $a_2$  using data from all times when LAMS provides a measurement of  $v$ .
- 3 Obtain coefficients by separate fits for  $\{\text{PSFD}, \text{QCF}\}$  and  $\{\text{PSFRD}, \text{QCFR}\}$

### RMS error vs LAMS measurements: 0.3 mb (1-Hz)

- (Different sample volumes)
- Mean correction: uncertainty  $< 0.01$  mb  
( $>10,000$  measurements)