## **OTHER RESULTS:**

## PCOR functions based on LAMS:

$$\frac{\Delta p}{p} = a_0 + a_1 \frac{q}{p} + a_2 M^3 + a_3 \frac{\alpha}{a_r}$$

 $\Delta p$  provided by LAMS

Parameterized representation of  $\Delta p$  then allows use of the LAMS result when LAMS.

is not present or not operational

## Circle maneuvers: Find wind and TAS from ground track alone

This isn't linear: Want to minimize deviations of the actual flight track from that determined by three parameters, TAS (assumed constant) and two components of horizontal wind. See below in connection with "nlm"