

# Plane Sailing

Date \_\_\_\_\_

## Departure & Destination Positions

*From*

<b>Latitude</b>		<b>Longitude</b>	
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*To*

<b>Latitude</b>		<b>Longitude</b>	
<b>DLAT</b>		<b>DLONG</b>	

<b>DLAT x 60</b>		<b>DLONG x 60</b>	
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Mean Latitude \_\_\_\_\_

$$\begin{aligned} \text{Departure} &= \text{Dlong} \times \text{COS Mean LAT} \\ &= \text{_____} \times \text{COS } \text{_____} \\ \text{Departure} &= \text{_____} \end{aligned}$$

$$\text{Tan } C^\circ = \frac{\text{Departure}}{\text{DLat}} = \text{_____}$$

Course = N/S \_\_\_\_\_ E/W      True Course = \_\_\_\_\_°

$$\text{Distance Run} = \frac{\text{Dlat}}{\text{Cos } C^\circ} = \text{_____}$$

$$\text{Distance Run} = \text{_____}$$