

$$MC = TC + W/-E \text{ VAR}$$

$$MH = MC + R/-L \text{ WCA}$$



VARiation:
difference MN and TN

East is least -
West is best +

isogonic lines
on chart

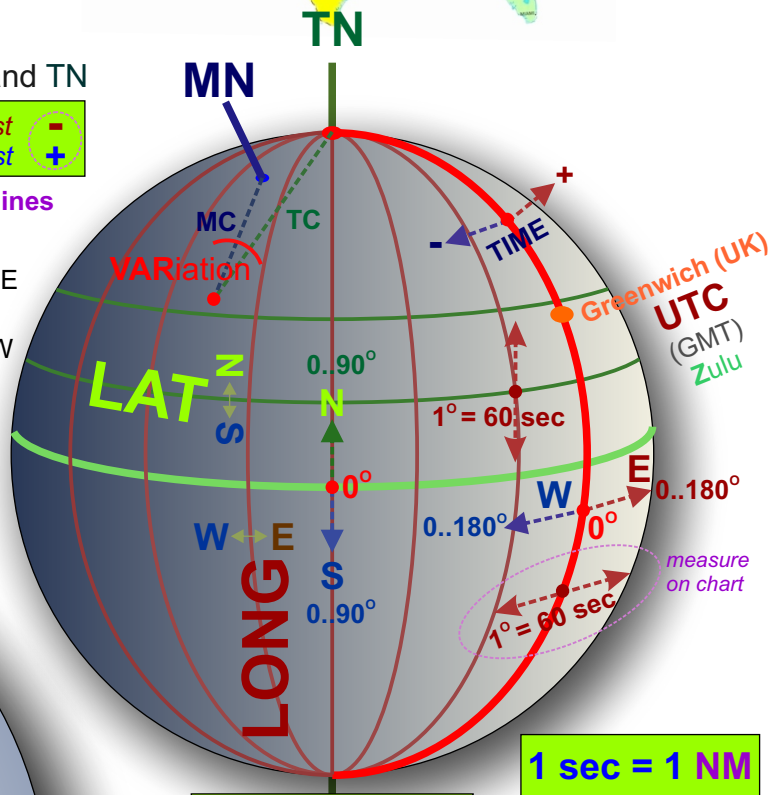
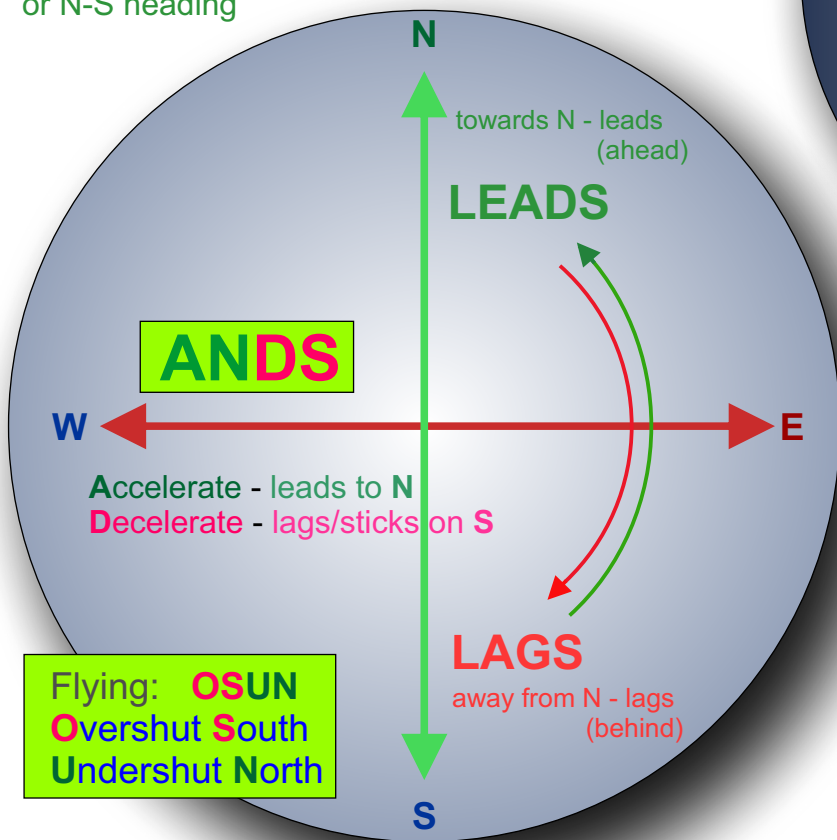
SNA: -12°E

ORD: 0°

MIA: $+6^{\circ}\text{W}$

correct:
only straight-level,
un-accelerated,
or N-S heading

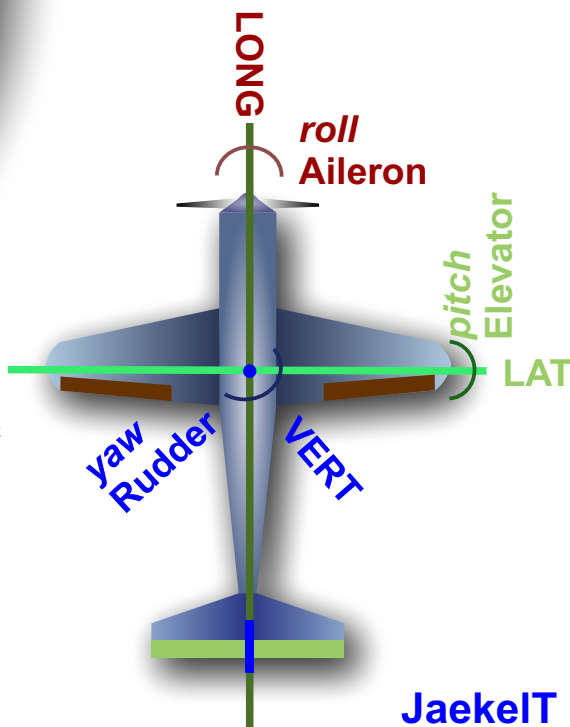
MN
compass



Position:

LAT **LONG**
N **S** **E** **W**
0..90 **0..180**

DEViation:
distorting by magnetic
fields in aircraft



doesn't like to move away from N - sticks at N
wants to accelerate to N or not move away:
faster = ahead N
slower = sticks on S