IALT

ALT indicator

PALT

abstract

relative to SDP :
Standard **D**atum **P**lane

29.92 inHg if >= FL180

ISA: 29.92 inHg
15°C (50°F)

baro change:
1000ft / 1 inHg

step #1 for DALT

DALT

CALCULATE!

non-standard
temperature compensated

lapse rate:
2°C (3.6°F) / **1000ft**

lower air density =
higher DALT =
less performance!

higher humidity =
less dense =
higher DALT =
less performance!

PERFORMANCE!

TALT

MSL

warmer,
raised pressure =
IALT less TALT

AALT

AGL

AIM:
congested
1000ft above
2000ft radius
other
500ft above
500ft radius
except open water
Min:
save for emergency

ALT setting to PALT baro — approx. field elev.

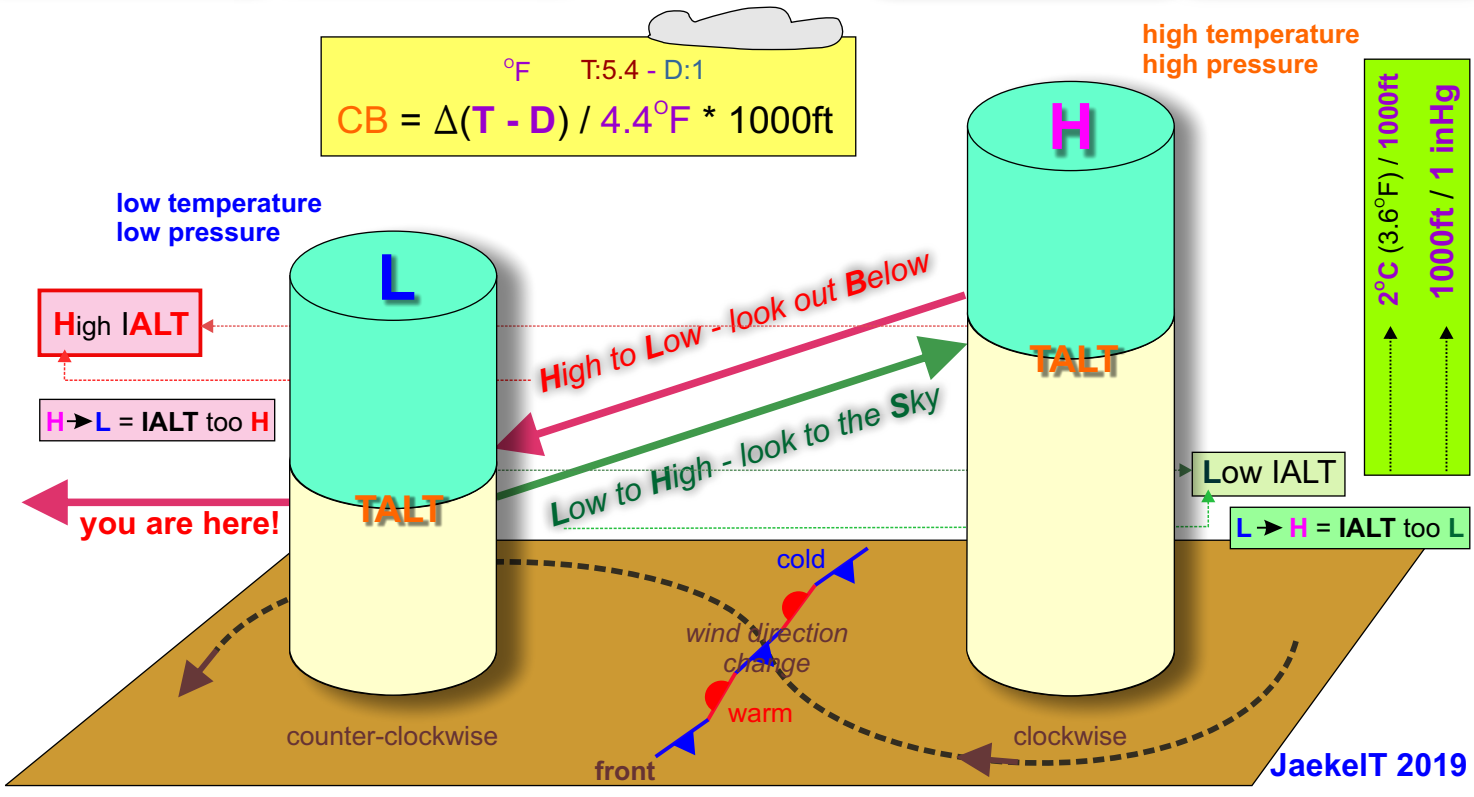
I = T = @ **sea** level + **ISA**

P = D = @ **T standard** 15°C

P = T = @ **ISA**

°F T:5.4 - D:1

CB = Δ(**T - D**) / 4.4°F * 1000ft



JaekelT 2019