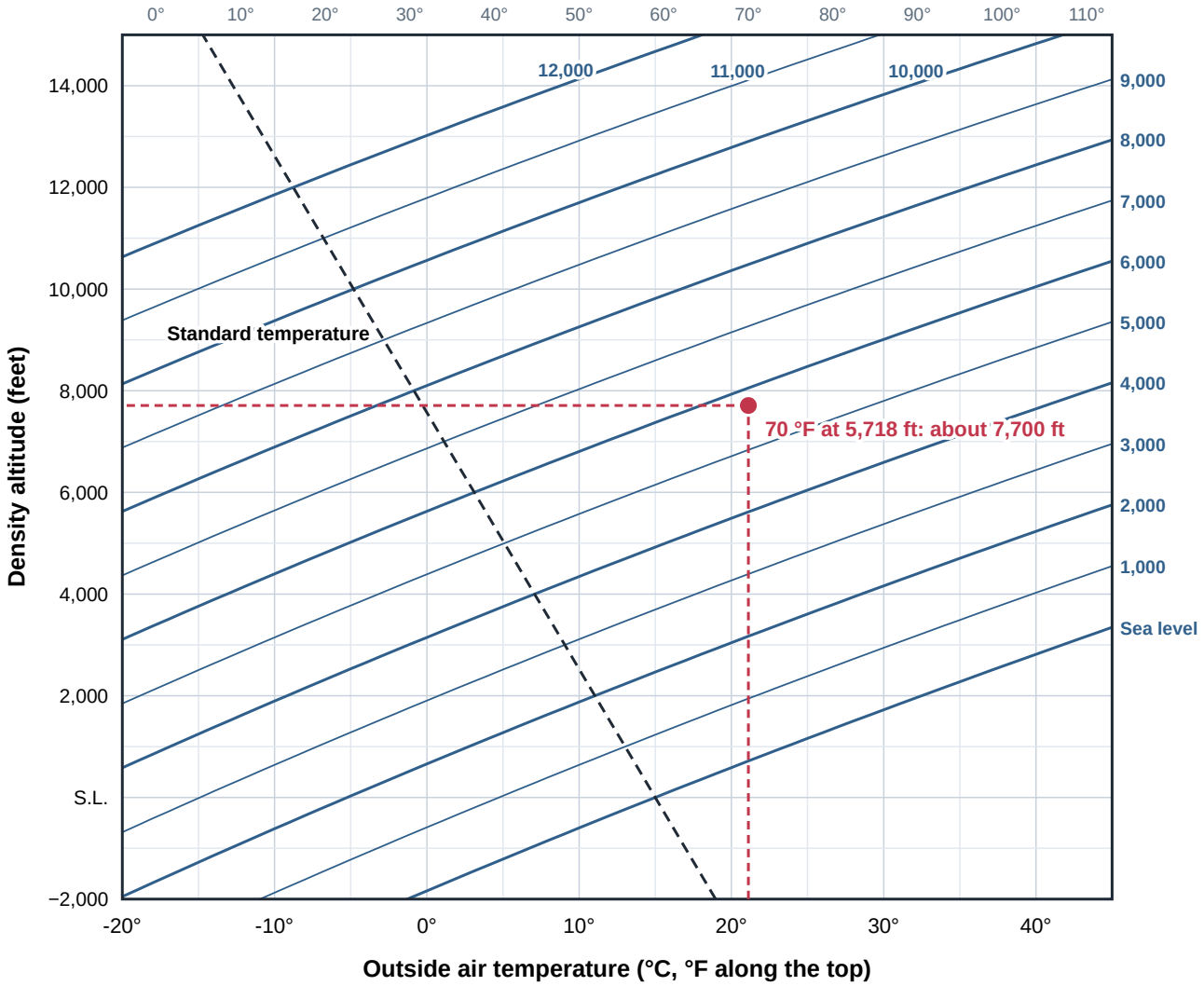
Density altitude chart

Go up from the outside air temperature to the pressure altitude line, then across to the density altitude.
Blue lines: pressure altitude in feet. Dashed line: standard temperature.



Altimeter → pressure altitude

inHg	add (ft)
28.00	1,825
28.10	1,727
28.20	1,630
28.30	1,533
28.40	1,437
28.50	1,340
28.60	1,244
28.70	1,149
28.80	1,053
28.90	958
29.00	863
29.10	768
29.20	674
29.30	579
29.40	486
29.50	392
29.60	298
29.70	205
29.80	112
29.90	20
30.00	−73
30.10	−165
30.20	−257
30.30	−348
30.40	−440
30.50	−531
30.60	−622
30.70	−713
30.80	−803
30.90	−893
31.00	−983

Example (FAA Pilot's Handbook, sample problem 1): elevation 5,883 ft, altimeter 30.10 (subtract 165 ft), 70 °F: pressure altitude 5,718 ft, density altitude about 7,700 ft.

Dry air in the ICAO standard atmosphere; humid air raises density altitude a little more. e6bcalculator.com/density-altitude-chart