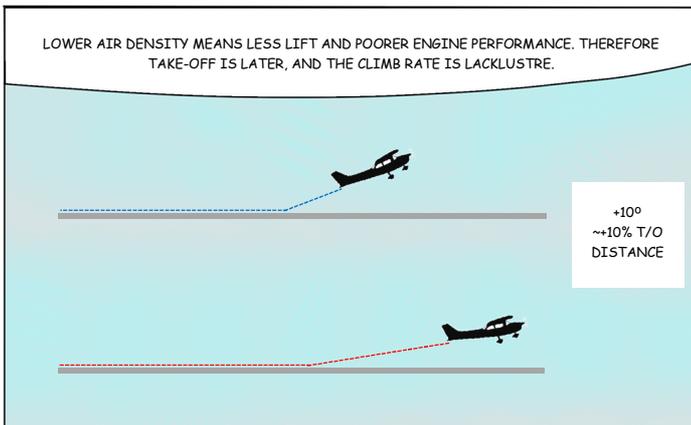
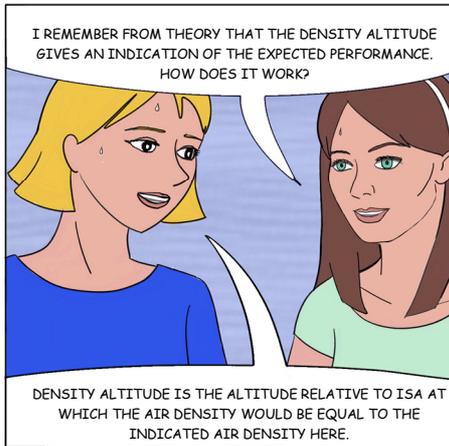
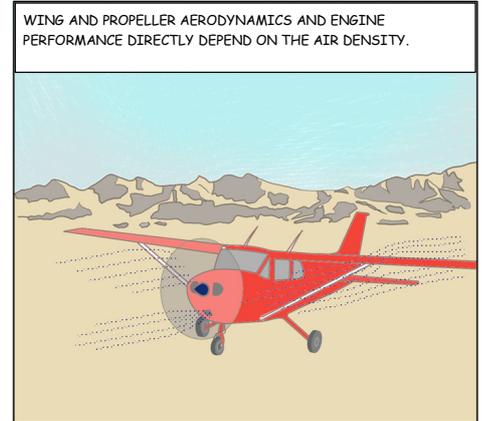
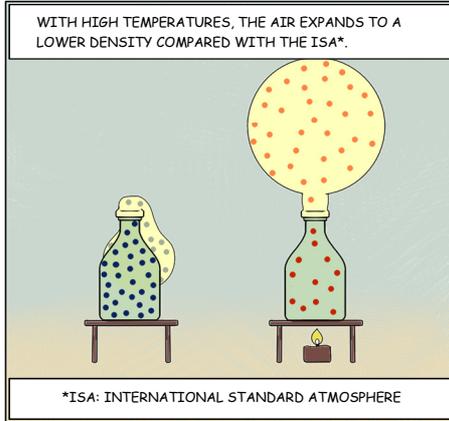
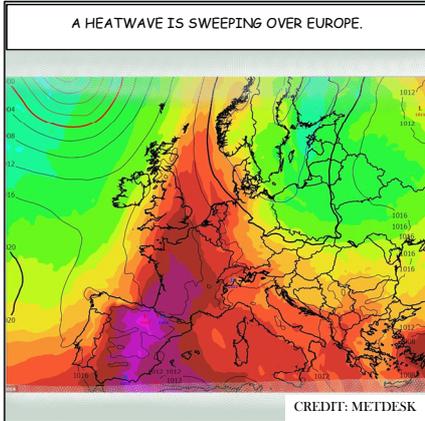




# Sunny Swift

## “Density altitude”



THE POH HAS TAKE-OFF, LANDING AND CLIMB/CEILING PERFORMANCE AS A FUNCTION OF TEMPERATURE AND PRESSURE ALTITUDE.

FOR THIS ROUTE, WE NEED TO REACH AN ALTITUDE OF 10 000 FT. AT THAT ALTITUDE, THE TEMPERATURE IS TOO HIGH TO HAVE ENOUGH CLIMB PERFORMANCE. WE COULD POSTPONE THE FLIGHT UNTIL THE AIR GETS COOLER, OR WE'LL HAVE TO TAKE ANOTHER ROUTE.

WEIGHT LBS	PRESS ALT FT	CLIMB SPEED KIAS	RATE OF CLIMB - FPM			
			-20°C	0°C	20°C	40°C
2300	S.L.	73	875	815	755	695
	2000	72	765	705	650	590
	4000	71	655	600	545	485
	6000	70	545	495	440	385
	8000	69	440	390	335	280
	10,000	68	335	285	230	---
	12,000	67	230	180	---	---



You can find links to the

- Skybrary hot and high operations
- FAA density altitude

in the downloads section of this issue

Please send your comments and ideas to [generalaviation@easa.europa.eu](mailto:generalaviation@easa.europa.eu)

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