Function illustrated:

1. Load the library
2. Construct a data.frame from a netCDF file
3. Restrict the time range
4. Another simple plot
5. Adding a new variable
6. Fitting
7. Smoothing/interpolation
8. A skew-T sounding

R code and result:

```
## data from climb loaded into DS
with(DS, SkewTSounding(Pressure = PSXC,
    Temperature = ATX, DewPoint = DPXC))
```