```
> restart;
  global a := 0.0065, R0 := 1.225, T0 := 273.16, γ := 1.4, R := 287.04;

  Spd := proc(H, T1, IAS)
  local gamma := 1.4, T, rho, sigma, EAS, TAS, SpdSnd;
    T := T1 + T0;
    rho := R0 * (1 - (a / T * 1000) ^ 4.26);
    sigma := T0 / T * (1 - (a / T0 * H) ^ 5.26); #Warning: not used!
    EAS := sqrt(rho * IAS^2 / R0);
    TAS := EAS * sqrt(R0 / rho);
    SpdSnd := sqrt(gamma * R * T);
    TAS / SpdSnd;
  end proc;

> Spd(5000, 15, 350)
```

$$Spd(5000, 15, 350)$$

```
>
```