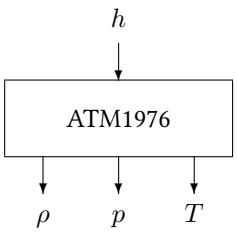
## Block ATM1976

The ATM1976 block calculates the properties of the U.S. Standard Atmosphere 1976 to 86 km.

atm
1976




| | |
|---|---|
| **Name** | ATM1976 |
| **Function** | em0024 |
| **Inputs** | 1 |
| **Outputs** | 3 |
| **Parameters** | 0 |
| **Strings** | 0 |
| **Group** | S |

### Inputs

1 Geometric altitude $h$ / km. Heights greater than 100 km are limited to 100 km.

### Outputs

1 Density / sea-level standard density
2 Pressure / sea-level standard pressure
3 Temperature / sea-level standard temperature

### Parameters

None

### Strings

None

atm1976.vseit




A DO block provides heights from 0 to 86 km in steps of 1 km. The ATM1976 blocks calculates density, pressure and temperature ratios, which are displayed by a PLOT block.

