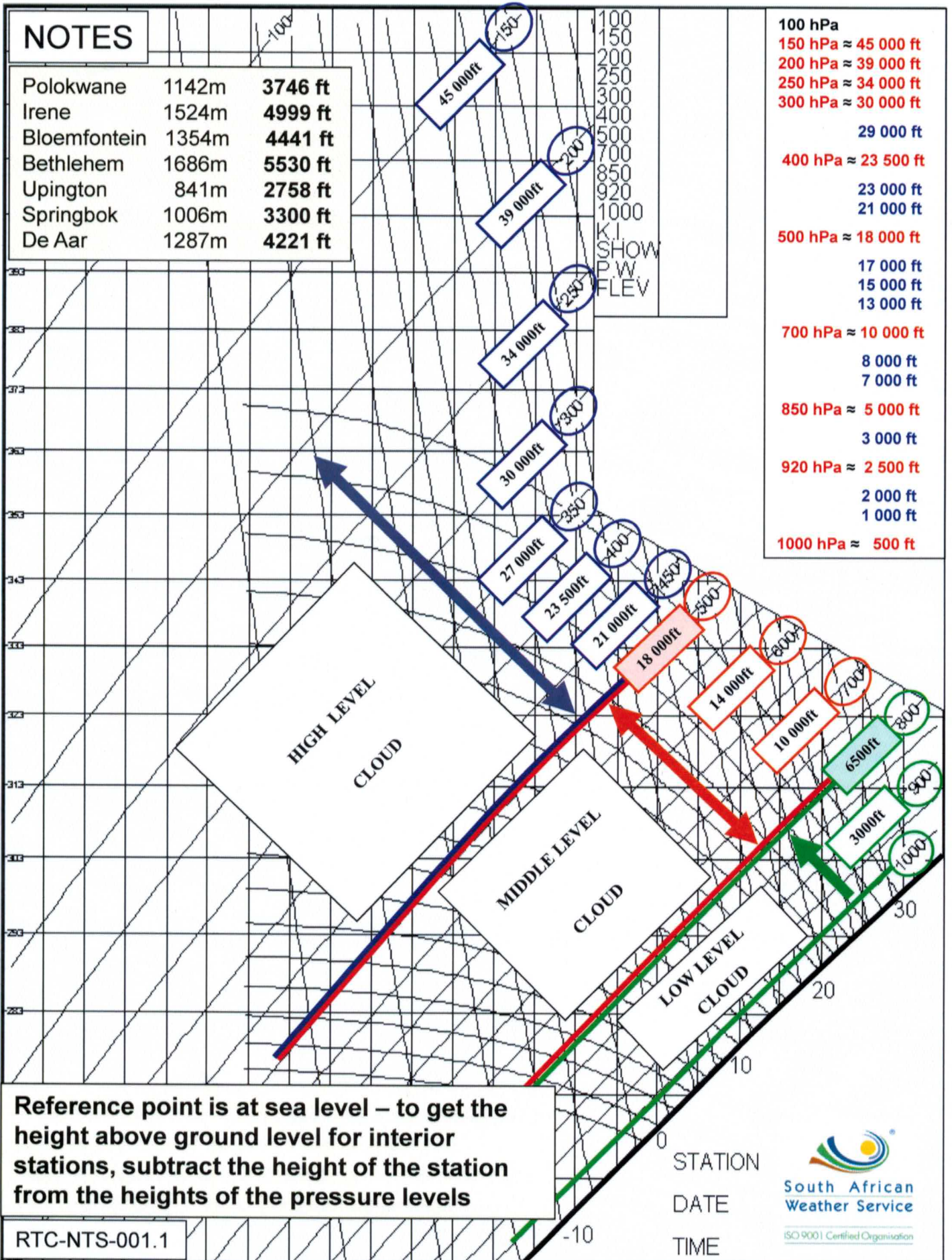


NOTES

| | | |
|--------------|-------|---------|
| Polokwane | 1142m | 3746 ft |
| Irene | 1524m | 4999 ft |
| Bloemfontein | 1354m | 4441 ft |
| Bethlehem | 1686m | 5530 ft |
| Upington | 841m | 2758 ft |
| Springbok | 1006m | 3300 ft |
| De Aar | 1287m | 4221 ft |

| | |
|---------------------|-----------|
| 100 hPa | 29 000 ft |
| 150 hPa ≈ 45 000 ft | |
| 200 hPa ≈ 39 000 ft | |
| 250 hPa ≈ 34 000 ft | |
| 300 hPa ≈ 30 000 ft | |
| 400 hPa ≈ 23 500 ft | |
| 500 hPa ≈ 18 000 ft | |
| 600 hPa ≈ 17 000 ft | |
| 700 hPa ≈ 23 000 ft | |
| 800 hPa ≈ 21 000 ft | |
| 900 hPa ≈ 13 000 ft | |
| 1000 hPa ≈ 5 000 ft | |
| | 8 000 ft |
| | 7 000 ft |
| | 3 000 ft |
| | 2 000 ft |
| | 1 000 ft |
| | 500 ft |



Reference point is at sea level – to get the height above ground level for interior stations, subtract the height of the station from the heights of the pressure levels

RTC-NTS-001.1

STATION
DATE
TIME



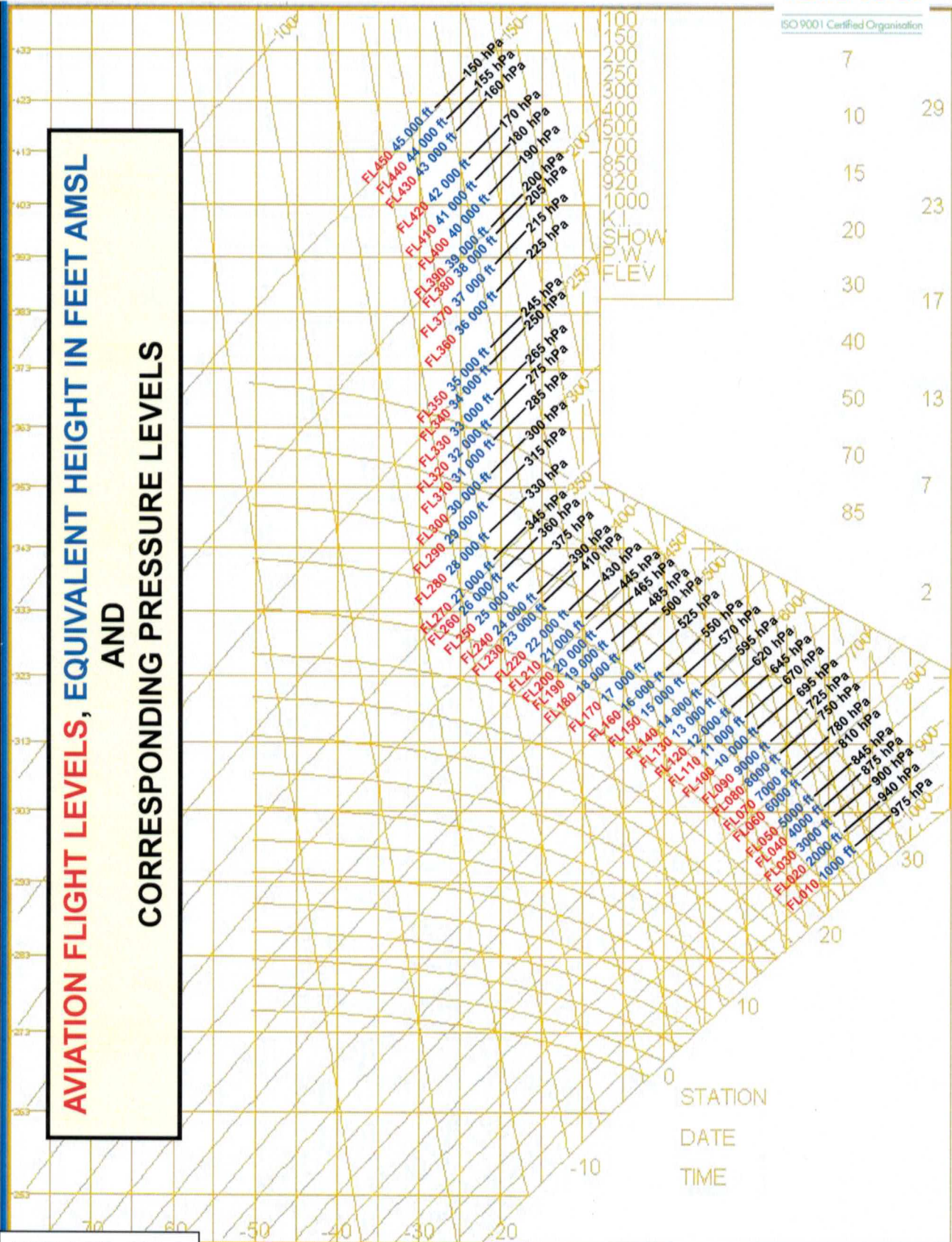
NOTES



South African
Weather Service

ISO 9001 Certified Organisation

AVIATION FLIGHT LEVELS, EQUIVALENT HEIGHT IN FEET AMSL AND CORRESPONDING PRESSURE LEVELS



RTC-NTS-003.1

6.2 HF Height (ft)

UPPER LEVEL WINDS

STANDARD PRESSURE LEVELS & FIXED REGIONAL LEVELS

| |
|---------------------|
| 100 hPa |
| 150 hPa ≈ 45 000 ft |
| 200 hPa ≈ 39 000 ft |
| 250 hPa ≈ 34 000 ft |
| 300 hPa ≈ 30 000 ft |
| 29 000 ft |
| 27 000 ft |
| 400 hPa ≈ 23 500 ft |
| 23 000 ft |
| 21 000 ft |
| 500 hPa ≈ 18 000 ft |
| 17 000 ft |
| 15 000 ft |
| 13 000 ft |
| 700 hPa ≈ 10 000 ft |
| 8 000 ft |
| 7 000 ft |
| 850 hPa ≈ 5 000 ft |
| 3 000 ft |
| 920 hPa ≈ 2 500 ft |
| 2 000 ft |
| 1 000 ft |
| 1000 hPa ≈ 500 ft |