

INFORMATION
on using the regional pressure in the Altimeter
setting region (ASR)

Altimeter setting for routed flights

When taking off/landing from/at an aerodrome located within the horizontal limits of the TMA*/CTR**, for all flights below the transitional absolute height in the TMA/CTR, the altimeter should be set according to the QNH of the relevant aerodrome.

For flights outside the horizontal limits of the TMA/CTR in Class “G” airspace, the altimeter should be set to the relevant regional QNH (ASR***).

Regional QNH is the lowest predicted QNH for a 1-hour period in the corresponding ASR.

Two ASRs have been established in FIR**** Sofia as follows:

- **ASR Rila** – in Western and Central Bulgaria
- **ASR Pliska** – in Eastern Bulgaria

The boundary between the two ASRs (see Fig. 1) is:

1. From point with coordinates 43° 40' 42.8"N 25° 38' 48.5"E to point BEMKO
(Located midway between navigation points UPAMA and BULEN);
2. From point BEMKO along the border of TMA GORNA to a point with coordinates 43° 06' 32.4"N 26° 25' 18.6"E
(city of Omurtag);
3. From the town of Omurtag to a point with coordinates 42° 49' 08.3"N 26° 46' 12.4"E
(Located in the middle between the town of Sungurlare and the Kamchia Dam);
4. From point 3 along the border of BURGAS TMA to a point with coordinates 42° 12' 49.3"N 27° 36' 01.4"E
(Located 4 km. south of the dam wall of the Yasna Polyana dam);
5. From item 4 to a point with coordinates 41° 58' 41.9"N 27° 55' 59.6"E
(Located on the state border with the Republic of Turkey).

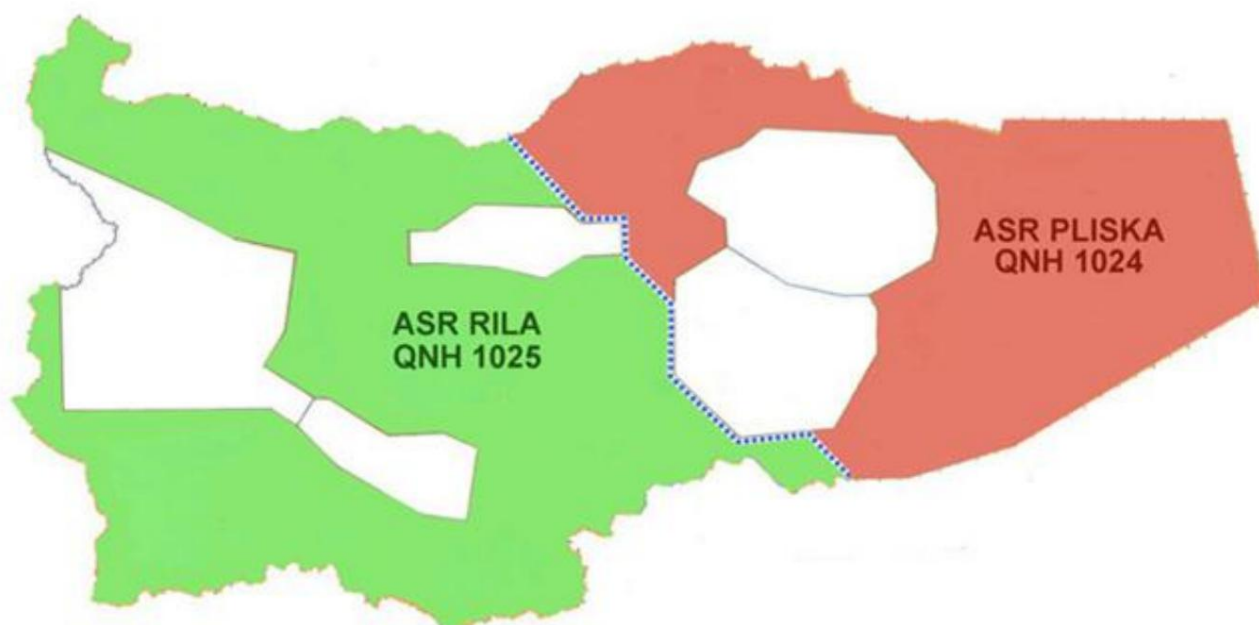


Fig. 1. Map of Altimeter Setting Areas (ASR) - RILA and PLISKA.

Example (See Fig. 2):

1. The aircraft takes off from LBSA airport at pressure QNH of LBSF airport (1026 hPa). With this pressure it flies to the boundary of TMA SOFIA – GOL;
2. After flying over GOL, sets ASR – RILA (1025 hPa) to the border with TMA GORNA;
3. In the TMA region, GORNA is flown on QNH at LBGO airport (1025 hPa);
4. After flying over TMA GORNA sets ASR – PLISKA (1024 hPa) to the boundary of TMA VARNA.
5. In the TMA area, VARNA is flown on QNH at LBWN (1025 hPa) until landing at LBWB.

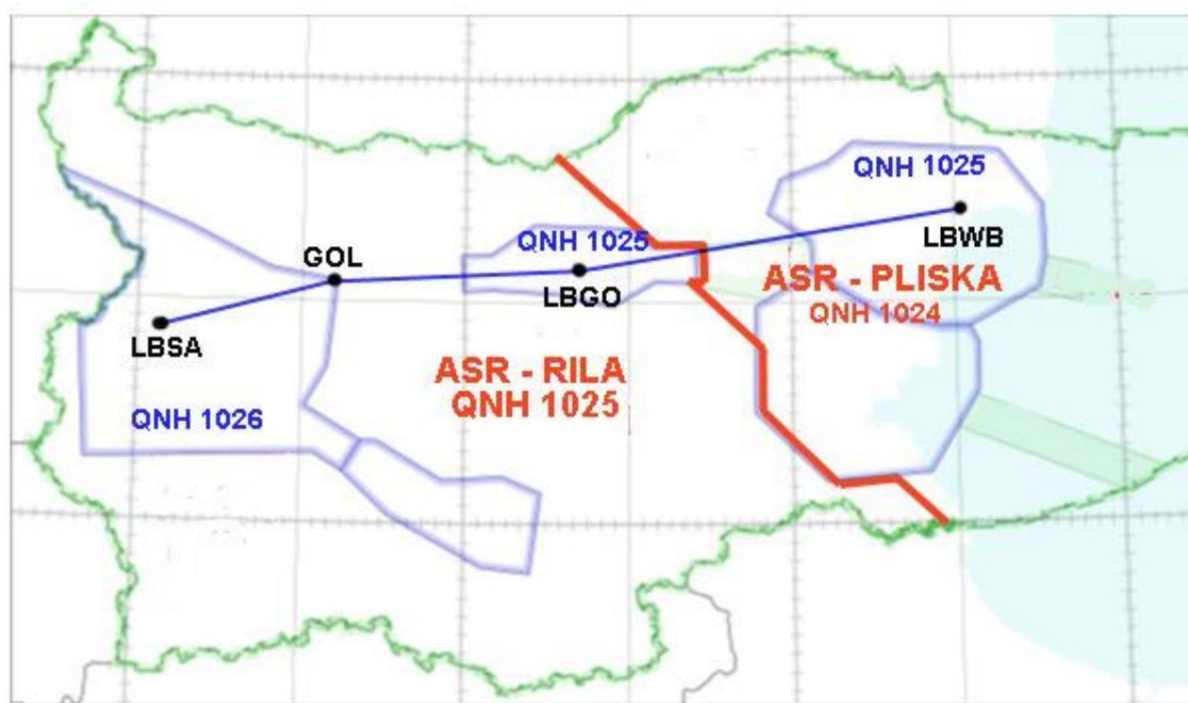


Fig. 2. Flight on a route from Slivnica Airport (LBSA) to Balchik Airport (LBWB).

Advance information on regional pressures is obtained by:

- GAMET forecast (the GAMET forecast is available in the web-based meteorological portal of the Department of Internal Affairs and Communications and by phone 02/9374700);
- the web-based meteorological portal of the Directorate of Civil Aviation, in the part intended for general aviation - Gen. aviation.

Operational information on regional pressures is obtained from the CPI.

TMA* – Terminal control area

CTR** – Control zone (Controlled zone)

ASR*** – Altimeter setting region

FIR**** – Flight information region

AOPA wishes you safe flights!