

**ENR 1.7 Altimeter setting procedures****ENR 1.7 Процедури за подесување на висиномерот****1.7.1 General**

The following ICAO Documents are applicable for altimeter setting within the FIR Skopje:

- Rules of the Air - Annex 2
- Procedures for Air Navigation, Chapter II - Doc 4444 - RAC/501
- Regional Supplementary Procedures - Doc 7030
- Aircraft Operations - Doc 8168 - OPS/611

All Altimeter settings passed from ground stations to aircraft will be given in hectopascal (HPA) rounded down to the nearest whole hectopascal.

**1.7.1.1 Basic altimeter setting procedures**

**1.7.1.1.1** For all aircraft operation within the Macedonian FIR, transition altitude is established at 11000 ft (3350 m).

The local QNH altimeter setting of Skopje airport will be used through Skopje FIR with the exception of operations within the Ohrid CTR when the local QNH altimeter setting shall be used.

The QFE altimeter setting will be given on request only.

**1.7.1.1.2** The vertical position of aircraft at or below the transition altitude shall be expressed in terms of altitudes.

The vertical position at or above the transition level shall be expressed in terms of flight levels.

Vertical position shall be expressed in terms of flight levels when ascending and in terms of altitudes when descending, while passing through the transition layer.

**1.7.1.1.3** Prior to take-off the pilot shall set the altimeter to the QNH value, and after passing the transition altitude, reset to the standard altimeter setting (1013,2 Hectopascal), which is to be maintained en-route.

**1.7.1.1.4** Descending aircraft using the standard altimeter setting 1013,2 Hectopascal, shall reset the altimeter to the notified QNH value when passing the transition level. The transition level together with current QNH value shall be transmitted by the relevant ATC unit.

**1.7.1 Општо****1.7.1.1****1.7.1.1.1****1.7.1.1.2****1.7.1.1.3****1.7.1.1.4**

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**1.7.1.1.5** The vertical position for en-route flights shall be expressed in accordance to item 1.7.1.1.2. Minimum flight altitude for operations within control airspace with reference to terrain clearance is determined by the DGCA given in ENR 3.

The lowest usable flight level of each ATS route will be determined by ACC Skopje based on the minimum flight altitude and in accordance with the atmospheric pressure.

For En-route flight which the aircraft will be flying at an altitude equal to, or lower than the transition altitude, the air traffic control centre will inform the pilot the altimeter setting to be used within the area concerned.

**1.7.1.2** Procedures applicable to operators

**1.7.1.2.1** The levels for en-route shall be selected to ensure:

- a. adequate terrain clearance along the route to be flown,
- b. that controlled flights remain within controlled airspace and the minimum flight altitudes,
- c. compliance with the procedures of the Table of Cruising Levels in 1.7.1.3

Information required to determine the en-route flight level may be obtained from the appropriate AIS - briefing unit.

**1.7.1.2.2** The levels at which a flight is to be conducted shall be specified in the flight plan as follows:

- a. in terms of flight levels if the flight is to be conducted at or above the transition level, and
- b. in terms of altitudes if the flight is to be conducted in the vicinity of the aerodrome at or below the transition altitude.

**1.7.1.3** Table of cruising levels

The cruising levels to be observed when so required by this Table are as follows:

1.7.1.1.5

1.7.1.2

1.7.1.2.1

1.7.1.2.2

1.7.1.3

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TRACK											
From 000× to 179 × M						From 180 × to 359 × M					
IFR Flights			VFR Flights			IFR Flights			VFR Flights		
Altitude			Altitude			Altitude			Altitude		
FL	Metres	Feet	FL	Metres	Feet	FL	Metres	Feet	FL	Metres	Feet
-90						0					
10	300	1000	-	-	-	20	600	2000	-	-	-
30	900	3000	35	1050	3500	40	1200	4000	45	1350	4500
50	1500	5000	55	1700	5500	60	1850	6000	65	2000	6500
70	2150	7000	75	2300	7500	80	2450	8000	85	2600	8500
90	2750	9000	95	2900	9500	100	3050	10000	105	3200	10500
110	3350	11000	115	3500	11500	120	3650	12000	125	3800	12500
130	3950	13000	135	4100	13500	140	4250	14000	145	4400	14500
150	4550	15000	155	4700	15500	160	4900	16000	165	5050	16500
170	5200	17000	175	5350	17500	180	5500	18000	185	5650	18500
190	5800	19000	195	5950	19500	200	6100	20000	205	6250	20500
210	6400	21000	215	6550	21500	220	6700	22000	225	6850	22500
230	7000	23000	235	7150	23500	240	7300	24000	245	7450	24500
250	7600	25000	255	7750	25500	260	7900	26000	265	8100	26500
270	8250	27000	275	8400	27500	280	8550	28000	285	8700	28500
290	8850	29000				300	9150	30000			
310	9450	31000				320	9750	32000			
330	10050	33000				340	10350	34000			
350	10650	35000				360	10950	36000			
370	11300	37000				380	11600	38000			
390	11900	39000				400	12200	40000			
410	12500	41000				430	13100	43000			
450	13700	45000				470	14350	47000			
490	14950	49000				510	15550	51000			

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