

CHINA RVSM Quick Reference

The CAAC & IFALPA China RVSM Conversion Table:

The CAAC & IFALPA China RVSM Conversion Table was created by the IFALPA Air Traffic Services and the Human Performance Committees in close cooperation with the Air Traffic Management Bureau (ATMB) and Civil Aviation Administration of China (CAAC). It meets the FL conversions of the China FLAS published in the AIP as well as taking into consideration human factors in the environment where it will be used.

Transition Areas

Transition areas and procedures for transition between China RVSM and adjacent FIRs in neighboring countries are identified in Attachment E of the AIP Supplement.

Dispatchers and pilots shall identify the transition area on the particular route that will be used into China airspace.

On transition procedures maps, metric FL followed by the corresponding feet FL in brackets such as “12500m (FL411)” will depict when the pilot shall use the China RVSM conversion table to fly in FEET.

Strategic Lateral Offsets Procedures (SLOP)

The decision to apply a strategic lateral offset shall be the responsibility of the flight crew. The strategic lateral offset shall be established at a distance of 1 NM or 2 NM to the right of the centre line of the en-route relative to the direction of flight.

Pilots are not required to inform ATC that a strategic lateral offset is being applied.

Within radar airspace, the strategic lateral offset procedure requires approval by ATC. 1 NM offsets are preferred within radar airspace.

Pilots applying SLOP in non radar airspace may request approval from ATC to continue with the offset upon entering radar airspace.

Rapid Descent Required and Unable to Contact ATC

Turn 30° right and track out 20 Km (i.e. deviate right of airway centreline by 10 km or 5 nm), then, turn left to track parallel the original route, then climb or descend to the new level, and then return to the original one (when appropriate).

When returning to the original route, be aware of possible conflicting traffic.

Deviation actions taken by the Pilot

When deviating for any reason by 90m (300ft) or more from cleared flight level by ATC in RVSM airspace, report to the relevant ATS unit concerned via radio or data link, as soon as practicable.

After completion of the flight, the pilot shall also report to the operator the details of deviation.

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		Cleared Meter FL	Select FL in Feet		
RVSM airspace	40,100	15500	50900	RVSM airspace	41,100
	38,100	14900	48900		39,100
	36,100	14300	46900		37,100
	34,100	13700	44900		35,100
	32,100	13100	43000		33,100
	30,100	12500	41100		31,100
		12200	40100		29,100
		11900	39100		
		11600	38100		
		11300	37100		
		11000	36100		
		10700	35100		
		10400	34100		
		10100	33100		
		9800	32100		
		9500	31100		
		9200	30100		
		8900	29100		
		8400	27600		
180° - 359°		8100	26600	000° - 179°	
		7800	25600		
		7500	24600		
		7200	23600		
		6900	22600		
		6600	21700		
		6300	20700		
		6000	19700		
		5700	18700		
		5400	17700		
		5100	16700		
		4800	15700		
		4500	14800		
		4200	13800		
		3900	12800		
		3600	11800		
		3300	10800		
		3000	9800		
		2700	8900		
WESTBOUND		2400	7900	EASTBOUND	
		2100	6900		
		1800	5900		
		1500	4900		
		1200	3900		
		900	3000		
		600	2000		

Note: Aircraft equipped with metric and feet altimeters such as the Il-96, Il-62, Tu-214 or Tu-154 shall use the feet altimeter. If unable to use the feet altimeter, the operator shall contact the China RVSM Program office and apply for special approval to operate into China RVSM as described in section 9 of the China AIP (Contact information can be found in section 9.4.3).

序号 S/N	科目 Items
1	<p>检查 RVSM 飞行所需设备：</p> <p>高度表、自动驾驶仪、高度告警系统、TCAS</p> <p>Checks the equipment required by RVSM operation: Altimeter, Autopilot, Altitude alert system, TCAS</p>
2	<p>正确使用 RVSM 运行检查单</p> <p>Properly uses RVSM operation checklist.</p>
3	<p>飞行中 RVSM 术语的运用</p> <p>Application of RVSM term in flight.</p>
4	<p>正确执行 ATC 高度指令，改变飞行高度时应用防止 TCAS 虚警措施</p> <p>Properly executes ATC altitude commands, applies resolution to avoid false TCAS resolution when changing the flight level.</p>
5	<p>飞行中检查：高度表交叉检查，其他 RVSM 运行需要设备检查</p> <p>In-flight check: crosscheck of altimeter and other equipment required by RVSM.</p>
6	<p>得到 ATC 关于对指定高度偏差(AAD)超过 90 米(300 英尺)的通知的处置</p> <p>Handling when received notice of assigned altitude deviation(AAD) over 19m(300ft)from ATC</p>
7	<p>RVSM 空域内遇到尾流颠簸，执行横向偏执程序</p> <p>Encounter tail vortex in RVSM airspace, carries out lateral offset procedure.</p>
8	<p>严重颠簸不能保持 ATC 指定高度</p> <p>Unable to hold altitude due to severe turbulence.</p>
9	<p>所有主高度表失效 Loss of all altimeters</p>
10	<p>一个主高度表失效，另一个主高度表仍然处于正常运行状态处置</p> <p>Handling when one primary altimeter fails, but the other is still in normal operation.</p>
11	<p>应答机失效 Transponder failure</p>
12	<p>RVSM 空域急剧释压需紧急下降</p> <p>Emergency descent due to rapid depressurization in RVSM airspace.</p>