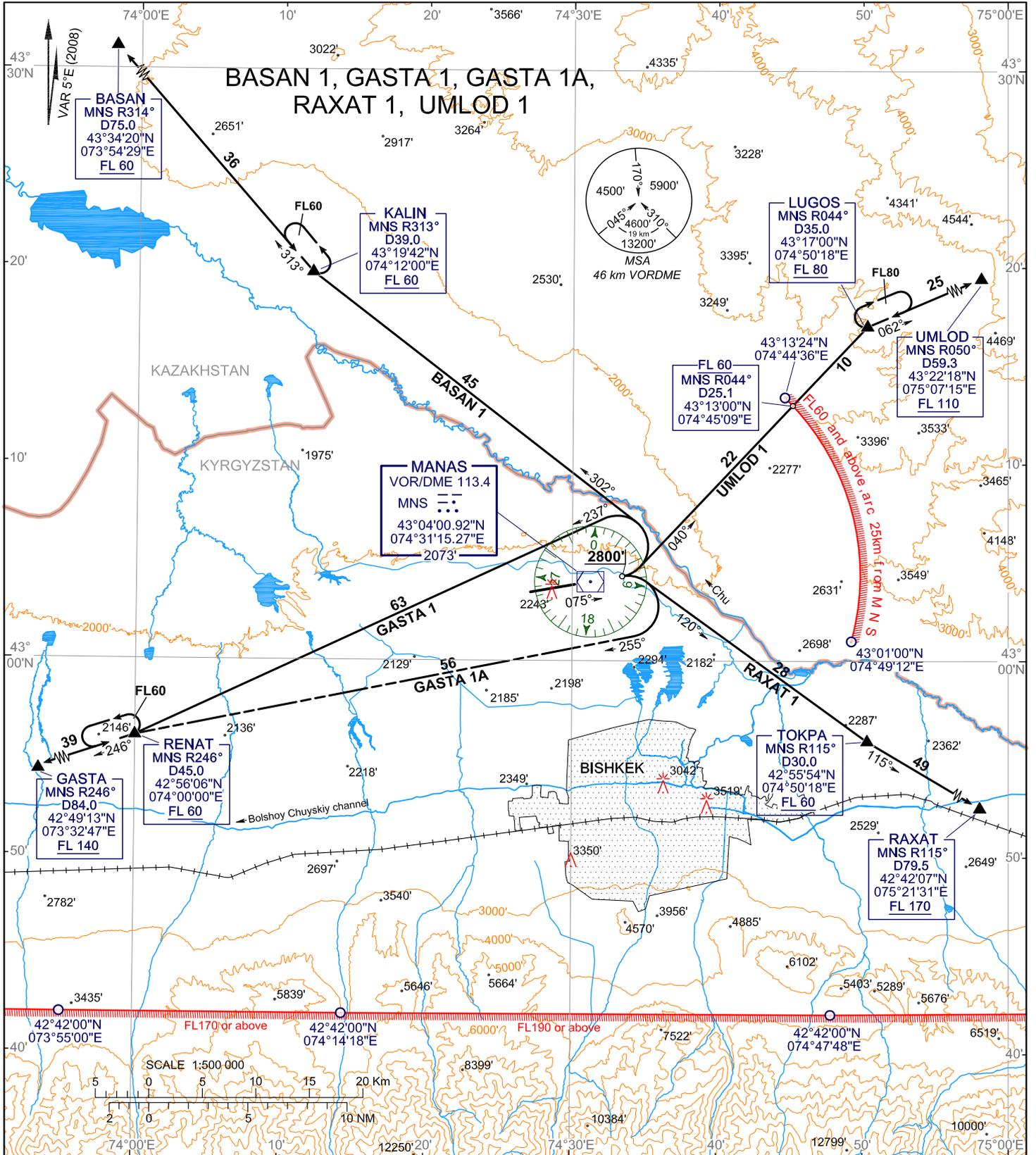


STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION
ALTITUDE : 4400'

BISHKEK, KYRGYZSTAN
MANAS
RWY08



START **118.1**
 APPROACH FL195 or below **124.6**
 CONTROL above FL195 **132.2**

WARNING;

1. After take-off CAT A ACFT and HEL shall start the initial turn at 2400'.
2. When climb gradient are less than those indicated in the table, after take-off ACFT shall turn left (RAXAT 1) to join the assigned corridor.

Ground speed km/h	200	250	300	350	400	450	500	550	
Rate of climb m/s	6.2%	3.4	4.3	5.2	6.0	6.8	7.8	8.2	9.5
	5.6%	3.2	3.8	4.6	5.4	6.2	7.0	7.7	8.5

RADIALS AND TRACKS ARE MAGNETIC
 ALTITUDES, HEIGHTS AND ELEVATIONS ARE IN FEET
 DISTANCES ARE IN KILOMETRES

CHANGE: vertical limit of TMA

STANDARD DEPARTURE
ROUTES INSTRUMENT – (SID)

BISHKEK, KYRGYZSTAN
Manas
RWY 08

GASTA 1, GASTA 1A

After take-off climb straight ahead to 2800', turn LEFT (RIGHT) onto track 237° (255°) MAG and proceed to RE- NAT climbing to FL60. Further climb as directed by ATC.

Cross GASTA at FL140 or above.

BASAN1

After take-off climb straight ahead to 2800', turn LEFT onto track 302° MAG and proceed to KALIN climbing to FL60. Further climb as directed by ATC.

UMLOD1

After take-off climb straight ahead to 2800', turn LEFT onto track 040° MAG and proceed to LUGOS climbing to FL80. Reach FL60 at 25 km from VORDME. Further climb as directed by ATC.

Climb gradient is 6.2%.

RAXAT 1

After take-off climb straight ahead to 2800', turn RIGHT onto track 120° MAG and proceed to TOKPA climbing to FL60. Further climb as directed by ATC.

Cross RAXAT at FL170 or above.

Climb gradient is 5.6%.