

STANDARD DEPARTURE ROUTES – INSTRUMENT (SID) ALMATY RWY 23L/R

DESOK 4G

After take-off climb on track 231° to (700) or above. At 16.6km ALM/ATA, turn RIGHT to ALM/ATA climbing to FL110 or above(*). For 3km to ALM/ATA, turn LEFT on track 051° to TIRBA R 050.9° D 41.2km ALM(R051.2° D41.2km ATA). After crossing TIRBA, turn LEFT on track 018° to DESOK R 028.7° D 120.6km ALM(R028.8° D120.4km ATA).

Cross ALM/ATA at FL110 or above.

Cross TIRBA at FL150 or above.

***Remark:** If unable to reach (700) or above on track 231° at 16.6km ALM/ATA, turn RIGHT on track 280° climbing to FL70 or above.

After reaching FL70 or above, but not further R 259° D 35.2km ALM(R258° D35.0km ATA), turn RIGHT before intercept

R 279° ALM/ATA. Then proceed to ALM/ATA climbing FL110 or above.

DOTAL 4H

After take-off climb on track 231° to (700) or above. At 16.6km ALM/ATA, turn RIGHT to ALM/ATA climbing to FL110 or above(*). For 3km to ALM/ATA, turn LEFT on track 051° to TIRBA R 050.9° D 41.2km ALM(R051.2° D41.2km ATA).

After crossing TIRBA, proceed on track 051° to BAGNA R 050.9° D 84.6km ALM(R051.0° D84.6km ATA).

After crossing BAGNA, turn LEFT on track 018° to DOTAL R 040.3° D 120.0km ALM(R040.4° D120.0km ATA).

Cross ALM/ATA at FL110 or above.

Cross TIRBA at FL150 or above.

***Remark:** If unable to reach (700) or above on track 231° at 16.6km ALM/ATA, turn RIGHT on track 280° climbing to FL70 or above.

After reaching FL70 or above, but not further R 259° D 35.2km ALM(R258° D35.0km ATA), turn RIGHT before intercept

R 279° ALM/ATA. Then proceed to ALM/ATA climbing FL110 or above.

GOGDO 4H

After take-off climb on track 231° to (700) or above. At 16.6km ALM/ATA, turn RIGHT on track 017° to GOGDO R 008.6° D 120.0km ALM(R008.6° D119.8km ATA).

PIGAL 5H

After take-off climb on track 231° to (700) or above. At 16.6km ALM/ATA, turn RIGHT to ALM/ATA climbing to FL110 or above(*). For 3km to ALM/ATA, turn LEFT on track 051° to TIRBA R 050.9° D 41.2km ALM(R051.2° D41.2km ATA).

After crossing TIRBA, turn RIGHT on track 086° to PIGAL R 069.0° D 82.4km ALM(R069.2° D82.4km ATA).

Cross ALM/ATA at FL110 or above.

Cross TIRBA at FL150 or above.

***Remark:** If unable to reach (700) or above on track 231° at 16.6km ALM/ATA, turn RIGHT on track 280° climbing to FL70 or above.

After reaching FL70 or above, but not further R 259° D 35.2km ALM(R258° D35.0km ATA), turn RIGHT before intercept

R 279° ALM/ATA. Then proceed to ALM/ATA climbing FL110 or above.