

## STANDARD DEPARTURE ROUTES - INSTRUMENT (SID) ASTANA RWY 22

### VAGEM 6G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 356° until intercept R316° AST, then proceed on track 316° to IBLAN (R316.3° D22.2 AST), after crossing IBLAN turn right on track 346° to VAGEM (R336.1° D63.9 AST).

Cross IBLAN at 9000-10000. Cross VAGEM at FL120-FL240

### EDANO 5G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn LEFT on track 064° to EDANO (R070.7° D58.8 AST).

Cross EDANO at FL120-FL240

### BEDKA 5G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn LEFT on track 096° until intercept R136° AST, then proceed on track 136° to BEDKA (R135.6° D56.6 AST).

Cross BEDKA at 9000FT-FL240

### BEDKA 4H

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn LEFT on track 206° to LIGMO (R207.4° D18.2 AST), after crossing LIGMO turn left on track 117° to BEDKA (R135.6° D56.6 AST).

Cross LIGMO at 6000-7000. Cross BEDKA at 9000FT-FL240

### OSROL 7G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 281° until intercept R251° AST, then proceed on track 251° to APTUS (R250.9° D25.6 AST), after crossing APTUS turn left on track 245° to OSROL (R248.2° D55.0 AST).

Cross APTUS at 9000 or above. Cross OSROL at FL130-FL240

### VETUB 7G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 281° until intercept R251° AST, then proceed on track 251° to APTUS (R250.9° D25.6 AST), after crossing APTUS turn left on track 225° to VETUB (R238.2° D50.1 AST).

Cross APTUS at 9000 or above. Cross VETUB at FL130-FL240

### KODOL 6G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 317° until intercept R277° AST, then proceed on track 277° to KODOL (R277.0° D58.5 AST).

Cross KODOL at FL120-FL240

### KODOL 6H

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 281° until intercept R251° AST, then proceed on track 251° to APTUS (R250.9° D25.6 AST), after crossing APTUS turn right on track 294° to KODOL (R277.0° D58.5 AST).

Cross APTUS at 9000 or above. Cross KODOL at FL120-FL240

### KOKON 5G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn LEFT on track 206° to LIGMO (R207.4° D18.2 AST), then proceed on track 208° BASPA (R207.6° D48.3 AST), after crossing BASPA proceed on track 208° to KOKON (R207.6° D63.0 AST).

Cross LIGMO at 6000-7000. Cross KOKON at FL120-FL240

### KOLUR 6G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 356° until intercept R316° AST, then proceed on track 316° to IBLAN (R316.3° D22.2 AST), after crossing IBLAN turn right on track 329° to KOLUR (R324.8° D65.3 AST).

Cross IBLAN at 9000-10000. Cross KOLUR at FL120-FL240

### OLGAS 6G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn RIGHT on track 356° until intercept R316° AST, then proceed on track 316° to IBLAN (R316.3° D22.2 AST), after crossing IBLAN turn right on track 017° to OLGAS (R000.2° D66.2 AST).

Cross IBLAN at 9000-10000. Cross OLGAS at FL120-FL240

### BOLSU 5G

After take-off climb straight ahead to 1800 or above, at 3.0NM outbound DME AST turn LEFT on track 058° to BOLSU (R064.6° D58.9 AST).

Cross BOLSU at FL120-FL240