

STANDARD ARRIVAL ROUTES – INSTRUMENT (STAR) ALMATY RWY 23 L/R

BEKRO 4C

After crossing BEKRO R 288.5° D 124.6km ALM(R288.5° D124.6km ATA), proceed on track 109° to USUGA R 287.4° D 66.4km ALM(R287.4° D66.2km ATA).

After crossing USUGA, turn LEFT on track 097° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0km ATA).

After crossing OKRAT turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross USUGA at FL120 (or above, if instructed by ATC).

Cross OKRAT at FL70.

Cross IAF at (900).

BIOTA 4C

After crossing BIOTA R 339.5° D 113.2km ALM(R339.6° D113.0km ATA), proceed on track 210° to ADABA R 312.9° D 89.8km ALM(R312.9° D89.6km ATA).

After crossing ADABA, turn LEFT on track 132° to OGIRU R 313.0° D 27.8km ALM(R312.8° D27.6km ATA).

After crossing OGIRU, proceed on track 133° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross ADABA at FL80 or above.

Cross OKRAT at FL70.

Cross IAF at (900).

DIPEN 4C

After crossing DIPEN R 309.9° D 119.2km ALM(R309.8° D119.2 km ATA), proceed on track 120° to ADABA R 312.9° D 89.8km ALM(R312.9° D89.6km ATA).

After crossing ADABA, turn RIGHT on track 132° to OGIRU R 313.0° D 27.8km ALM(R312.8° D27.6km ATA).

After crossing OGIRU, proceed on track 133° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross ADABA at FL80 or above.

Cross OKRAT at FL70.

Cross IAF at (900).

ETEDA 4C

After crossing ETEDA R 332.8° D 116.0 km ALM(R332.8° D115.8km ATA), proceed on track 196° to ADABA R 312.9° D 89.8km ALM(R312.9° D89.6km ATA).

After crossing ADABA, turn LEFT on track 132° to OGIRU R 313.0° D 27.8km ALM(R312.8° D27.6km ATA).

After crossing OGIRU, proceed on track 133° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross ADABA at FL80 or above.

Cross OKRAT at FL70.

Cross IAF at (900).

ETEDA 4D

After crossing ETEDA R 332.8° D 116.0 km ALM(R332.8° D115.8km ATA), proceed on track 153° to ROPSA R 332.8° D 60.0 km ALM(R332.8° D59.8km ATA).

After crossing ROPSA, proceed on track 153° to IAF R 333.0° D 25.2km ALM(R333.0° D25.0km ATA).

Cross IAF at FL70.

RISAD 4C

After crossing RISAD R 318.9° D 117.2km ALM(R318.8° D117.0 km ATA), proceed on track 157° to ADABA R 312.9° D 89.8km ALM(R312.9° D89.6km ATA).

After crossing ADABA, turn LEFT on track 132° to OGIRU R 313.0° D 27.8km ALM(R312.8° D27.6km ATA).

After crossing OGIRU, proceed on track 133° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross ADABA at FL80 or above.

Cross OKRAT at FL70.

Cross IAF at (900).

TIPSA 4C

After crossing TIPSA R 278.5° D 129.0km ALM(R279.0° D129.0km ATA), proceed on track 088° to USUGA R 287.4° D 66.4km ALM(R287.4° D66.2km ATA).

After crossing USUGA, turn RIGHT on track 097° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross USUGA at FL120 (or above, if instructed by ATC).

Cross OKRAT at FL70.

Cross IAF at (900).

TUKTO 4C

After crossing TUKTO R 315.5° D 118.6km ALM(R315.4° D118.2km ATA), proceed on track 143° to ADABA R 312.9° D 89.8km ALM(R312.9° D89.6km ATA).

After crossing ADABA, turn LEFT on track 132° to OGIRU R 313.0° D 27.8km ALM(R312.8° D27.6km ATA).

After crossing OGIRU, proceed on track 133° to OKRAT R 313.0° D 20.2km ALM(R312.8° D20.0 km ATA).

After crossing OKRAT, turn LEFT on track 078° to IAF R 015.0° D 18.6km ALM(R016.0° D18.6km ATA).

Cross ADABA at FL80 or above.

Cross OKRAT at FL70.

Cross IAF at (900).