

ALMATY
RWY 23L/23R

5600 FT

241°

9500 FT

083°

049°

17800 FT

MSA 25NM
ATA DVOR



TABULAR DESCRIPTION

GOGDO 1E RWY 23L/23R

| Serial Number | Path Descriptor | Waypoint Identifier | Fly - over | Course °M(°T) | Magnetic Variation(°) | Distance NM | Turn Direction | Altitude FT | Speed KT | VPA (°) | Navigation Specification |
|---------------|-----------------|---------------------|------------|---------------|-----------------------|-------------|----------------|-------------|----------|---------|--------------------------|
| 10 | CF | AA203 | Y | 231(235.8) | 5.12 | 3.4 | - | +3000 | -240 | 2.4 | RNAV1 |
| 20 | DF | AA208 | - | | 5.12 | 12.4 | R | -10000 | - | 2.4 | RNAV1 |
| 30 | TF | AA024 | - | 287(292.2) | 5.12 | 11.5 | L | +9000 | - | 2.4 | RNAV1 |
| 40 | TF | AA029 | - | 342(346.9) | 5.12 | 9.5 | R | +11000 | - | 2.4 | RNAV1 |
| 50 | TF | AA028 | - | 342(346.8) | 5.12 | 12.5 | - | +FL140 | - | 2.4 | RNAV1 |
| 60 | TF | AA035 | - | 48(53.0) | 5.12 | 25 | R | +FL200 | - | 2.4 | RNAV1 |
| 70 | TF | GOGDO | - | 48(53.3) | 5.12 | 28.4 | - | +FL260 | - | 2.4 | RNAV1 |

WAYPOINT LIST

GOGDO 1E RWY 23L/23R

| Waypoint Identifier | Coordinates | |
|---------------------|-------------|-------------|
| DER | 432044.98N | 0770119.63E |
| AA203 | 431849.98N | 0765727.89E |
| AA208 | 432728.82N | 0764838.42E |
| AA024 | 433148.94N | 0763357.35E |
| AA029 | 434104.20N | 0763059.60E |
| AA028 | 435314.65N | 0762704.33E |
| AA035 | 440821.93N | 0765440.14E |
| GOGDO | 442524.00N | 0772618.00E |

WAYPOINT LIST

LAKEL 1F RWY 23L/23R

| Waypoint Identifier | Coordinates | |
|---------------------|-------------|-------------|
| DER | 432044.98N | 0770119.63E |
| AA203 | 431849.98N | 0765727.89E |
| AA208 | 432728.82N | 0764838.42E |
| AA024 | 433148.94N | 0763357.35E |
| AA029 | 434104.20N | 0763059.60E |
| A0027 | 434444.67N | 0764004.73E |
| AA010 | 433249.06N | 0765708.71E |
| AA022 | 432238.70N | 0765554.36E |

TABULAR DESCRIPTION

LAKEL 1F RWY 23L/23R

| Serial Number | Path Descriptor | Waypoint Identifier | Fly - over | Course °M(°T) | Magnetic Variation(°) | Distance NM | Turn Direction | Altitude FT | Speed KT | VPA (°) | Navigation Specification |
|---------------|-----------------|---------------------|------------|---------------|-----------------------|-------------|----------------|-------------|----------|---------|--------------------------|
| 10 | CF | AA203 | Y | 231(235.8) | 5.12 | 3.4 | - | +3000 | -240 | 2.3 | RNAV1 |
| 20 | DF | AA208 | - | | 5.12 | 12.4 | R | -10000 | - | 2.3 | RNAV1 |
| 30 | TF | AA024 | - | 287(292.2) | 5.12 | 11.5 | L | +9000 | - | 2.3 | RNAV1 |
| 40 | TF | AA029 | - | 342(346.9) | 5.12 | 9.5 | R | +11000 | - | 2.3 | RNAV1 |
| 50 | TF | A0027 | - | 56(60.9) | 5.12 | 7.5 | R | +FL130 | - | 2.3 | RNAV1 |
| 60 | TF | AA010 | - | 129(134.0) | 5.12 | 17.2 | R | +FL170 | - | 2.3 | RNAV1 |
| 70 | TF | AA022 | - | 180(185.1) | 5.12 | 10.2 | R | +FL190 | - | 2.3 | RNAV1 |
| 80 | TF | LAKEL | - | 180(185.0) | 5.12 | 10.4 | - | +FL210 | - | 2.3 | RNAV1 |