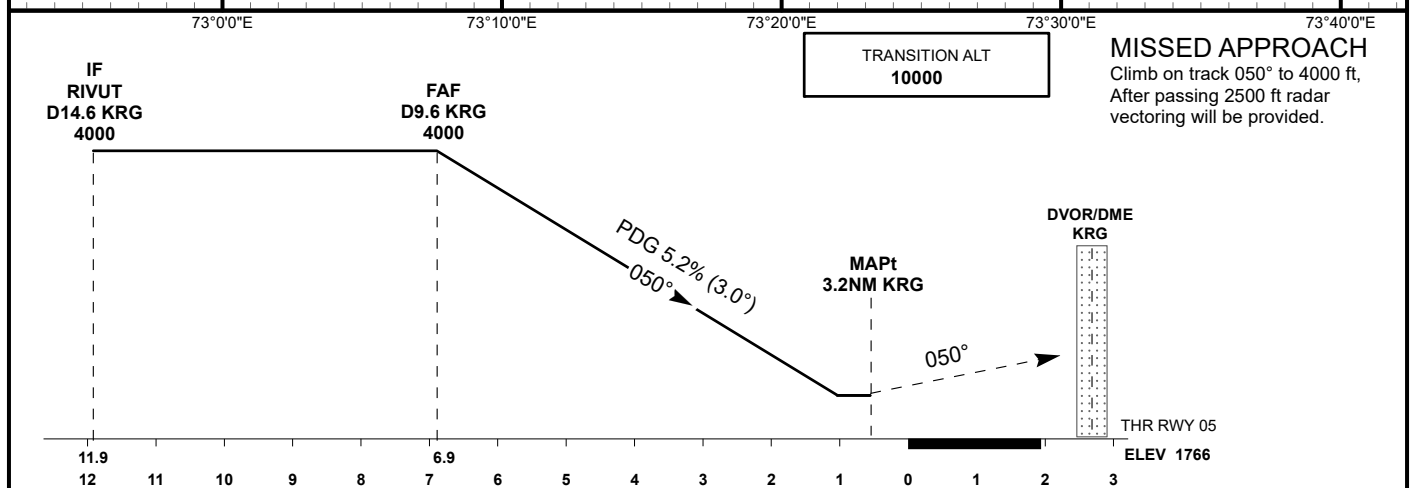
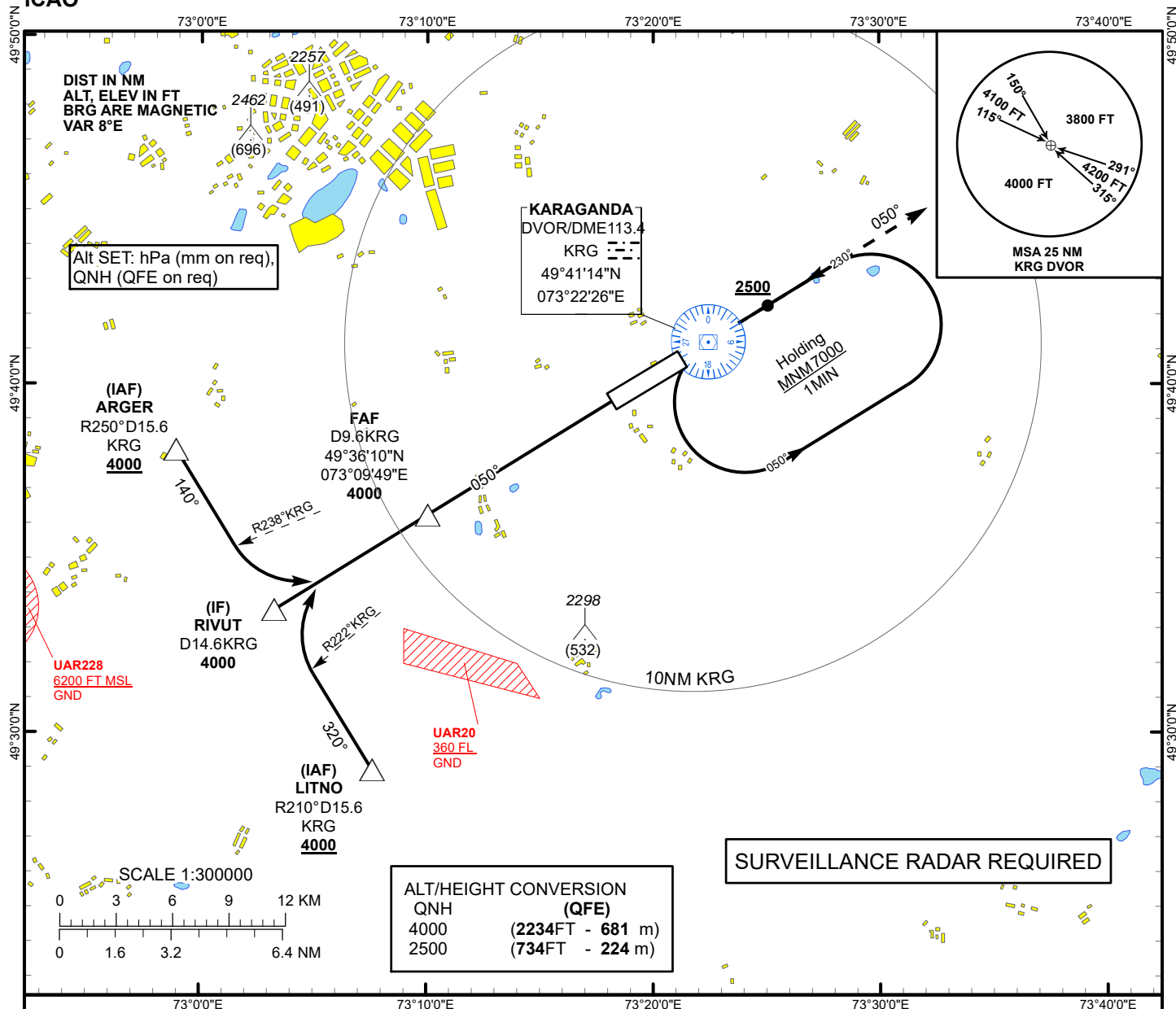


INSTRUMENT APPROACH
CHART
ICAO

AERODROME ELEV 1766 FT
HEIGHTS RELATED TO
AD ELEV

KARAGANDA TOWER 122.0
KARAGANDA ATIS (EN) 135.8
KARAGANDA ATIS (RU) 127.8

KARAGANDA
VOR/DME Y
RWY 05



| Aircraft Category | | A | B | C | D | DIST to THR | NM | 6.9 | 6 | 5 | 4 | 3 | 2 | 1 |
|--|---------|-----------|-----------|-----------|-----------|------------------|---------|--------|--------|--------|--------|--------|-------|-------|
| Straight-in Approach OCA/H | | | | | | DME KRG | NM | 9.6 | 8.7 | 7.7 | 6.7 | 5.7 | 4.7 | 3.7 |
| | VOR/DME | 2270(500) | 2270(500) | 2270(500) | 2270(500) | ALTITUDE | FT | 4000 | 3726 | 3407 | 3089 | 2770 | 2452 | 2134 |
| | | | | | | HEIGHT | FT | (2234) | (1960) | (1641) | (1323) | (1004) | (686) | (368) |
| Aerodrome Operating Minima MDH ft x RVR(CMV) | | | | | | GS | Kt | 80 | 100 | 120 | 140 | 160 | 180 | |
| | | | | | | Desc.Rate(5.2%) | ft/min | 420 | 530 | 630 | 740 | 840 | 950 | |
| | | | | | | FAF-MAPt(6.4NM) | min:sec | 4:48 | 3:51 | 3:12 | 2:45 | 2:25 | 2:08 | |

KARAGANDA
VOR/DME Y

AERONAUTICAL DATA TABULATION

| VOR approach to RWY05 from ARGER, RIVUT, LITNO | |
|--|------------------------------|
| Fix/point | Coordinates |
| (FAF) D9.6 KRG | 49°36'10.5"N 073°09'48.5"E |
| RIVUT (IF) D14.6 KRG | 49°33'32.1"N 073°03'16.4"E |
| ARGER (IAF) R250° D15.6 KRG | 49°38'07.8"N 072°58'55.3"E |
| LITNO (IAF) R210° D15.6 KRG | 49°28'56.3"N 073°07'36.7"E |
| THR RWY05 | 49°39'48.35"N 073°18'51.49"E |
| DVOR/DME KRG | 49°41'13.9"N 073°22'25.7"E |
| Final approach descent angle is 3° | |