AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number A4

Legend

Civil aerodrome

ALMATY — Name of aerodrome
2238 L H 45 — Minimum lighting
Elevation — RWY (hard surfaced, all weather)
RWY length (hundreds of metres)

Grass runway

Abandoned runway

Helicopter landing site

Reporting point

Compulsory

On request

Radio navigation aids

Non-directional radio beacon (NDB)

Colocated VOR and DME

Compas rose

Obstacles

Lighted group obstacles

Lighted obstacles

High lighted obstacles (1000ft above GND)

426 (112) — Elevation above MSL, Height above GND

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

Control zone (CTR)

Aerodrome traffic zone (ATZ)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

Built-up areas

Railways

Power transmission lines

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

22000

0

Elevation conversion

Meters / Feet

3 000 / 10 000
2 500 / 9 000
2 000 / 8 000
1 500 / 7 000
1 000 / 6 000
500 / 5 000
0 / 4 000
0 / 3 000
0 / 2 000
0 / 1 000
0 / 0

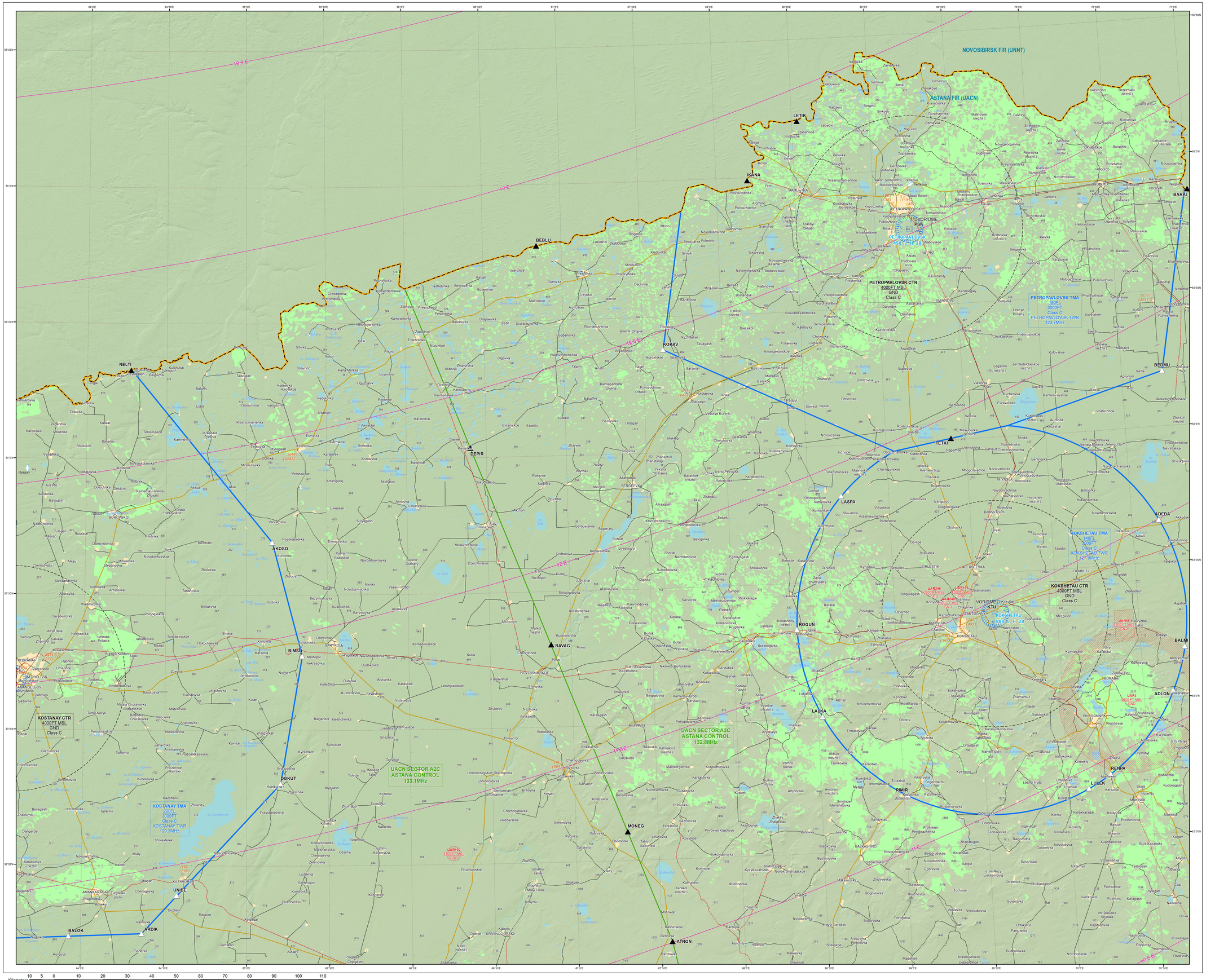
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110

Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B1 Page 2 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting
- Elevation — RWY (hard surfaced, all weather)
- RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL / Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 / 0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

Meters	Feet
3 000	10 000
2 500	8 000
2 000	7 000
1 500	6 000
1 000	5 000
500	4 000
0	3 000
	2 000
	1 000
	0

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B2 Page 3 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary



Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
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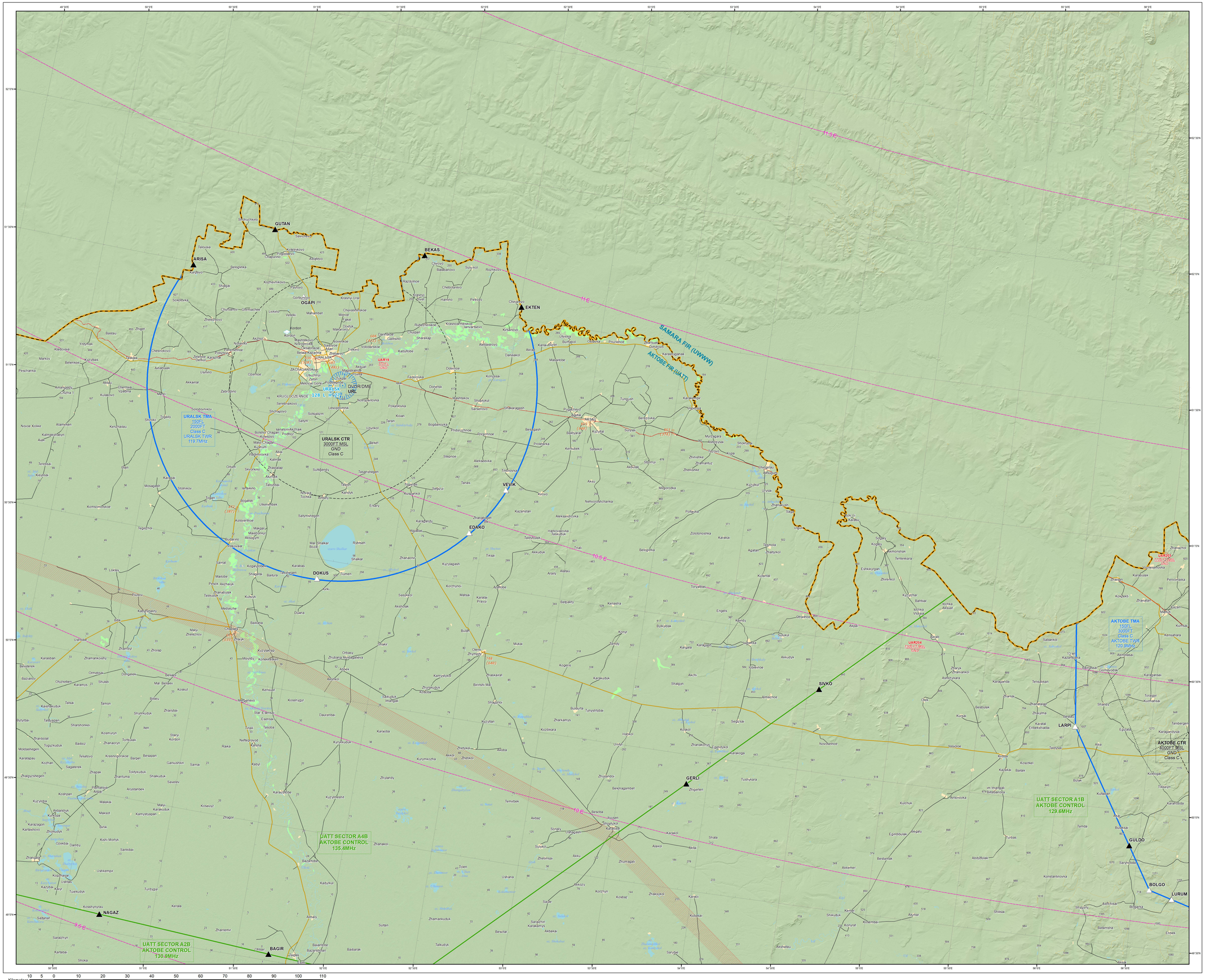

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B3 Page 4 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 / 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B4 Page 5 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting
- Elevation — RWY (hard surfaced, all weather)
- RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL / Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
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Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
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Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110

Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

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BIMSO
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RUDAL
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RENPA
DIDAL
KODOL

PETROPAVLOVSK CTR
4000FT MSL
GND
Class C

PETROPAVLOVSK TMA
150FL
5000FT
Class C
PETROPAVLOVSK TWR
123.7MHz

KOKSHETAU CTR
4000FT MSL
GND
Class C

KOKSHETAU TMA
150FL
5000FT
Class C
KOKSHETAU TWR
127.9MHz

KOSTANAY CTR
4000FT MSL
GND
Class C

KOSTANAY TMA
230FL
9500FT
Class C
KOSTANAY TWR
129.3MHz

ASTANA TMA1
240FL
6500FT
Class C
ASTANA APP
124.6MHz

UACN SECTOR A2C
ASTANA CONTROL
133.1MHz

UACN SECTOR A3C
ASTANA CONTROL
132.8MHz

VOR/DME
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888 L H 28

DVOR/DME
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KOSTANAY
6015 L H 28

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4100FT MSL
GND

UAR979
4100FT MSL
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UAR980
4100FT MSL
GND

UAR981
4100FT MSL
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UAR982
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UAR999
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UAR1000
4100FT MSL
GND

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B5 Page 6 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 — Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

PETROPAVLOVSK TMA 150FL 2000FT Class C
PETROPAVLOVSK TWR 123.7MHz
BEDMU
DAKIN
SOMOL
NOVOSIBIRSK FIR (UNNT)
ASTANA FIR (UACC)
ADEBA
KOKSHETAU TMA 140FL 3000FT Class C
KOKSHETAU TWR 127.9MHz
BALMI
ADLON
BAGNU
ADASA
ADODA
PAVLODAR CTR 3000FT MSL GND Class C
PAVLODAR DVOR/DME PVL
PAVLODAR 411 L H 25
UACN SECTOR A3C ASTANA CONTROL 132.8MHz
VAGEM
OLGAS
KOLUR
ABELI
PAVLODAR TMA 4000FT 2000FT Class C PAVLODAR TWR 119.8MHz
KEKAM
ROHIL
GOBSO
BOLSU
EDANO
ASTANA TMA1 280FL 6500FT Class C ASTANA APP 124.6MHz
ASTANA TMA2 7500FT 9500FT Class C ASTANA RADAR 120.7MHz
ASTANA CTR 4500FT MSL GND Class D
ASTANA DVOR/DME AST
ZAVODSKOI
STEPNOGORSK
UACN SECTOR A3C ASTANA CONTROL 132.8MHz

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B6 Page 7 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Highest elevation
Khan Tengri
42°10'59" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
2 000	7 000
1 500	6 000
1 000	5 000
1 000	4 000
500	3 000
0	2 000
	1 000
	0

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

PAVLODAR TMA
2000FT
2000FT
Class C
PAVLODAR TWR
119.8MHz

PAVLODAR CTR
3000FT MSL
GND
Class C

UACN SECTOR A3C
ASTANA CONTROL
132.8MHz

UAAA SECTOR A4A
ALMATY CONTROL
132.1MHz

ASTANA FIR (UACN)
ALMATY FIR (UAAA)

SEMEY CTR
4000FT MSL
GND
Class C

SEMEY TMA
160FL
8000FT
Class C
SEMEY TWR
128MHz

ALMATY FIR (UAAA)

UST-KAMENOGORSK TMA2
140FL
8000FT
Class C
UST-KAMENOGORSK TWR
120.1MHz

UST-KAMENOGORSK TMA1
140FL
8000FT
Class C
UST-KAMENOGORSK TWR
120.1MHz

UST-KAMENOGORSK CTR
7000FT MSL
GND
Class C

DOSAK
PIVAL
LAGMO
ELSUT
BOKIS
ADARO
BANOV
OBONA
BAMAT
ETORI
LUREL
BALOL
ADLAN
UVTOK
LUNOV
LIRNA
NOKNA
LASNA
DEVNA
ABOTO

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number B7 Page 8 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 / (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 / 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

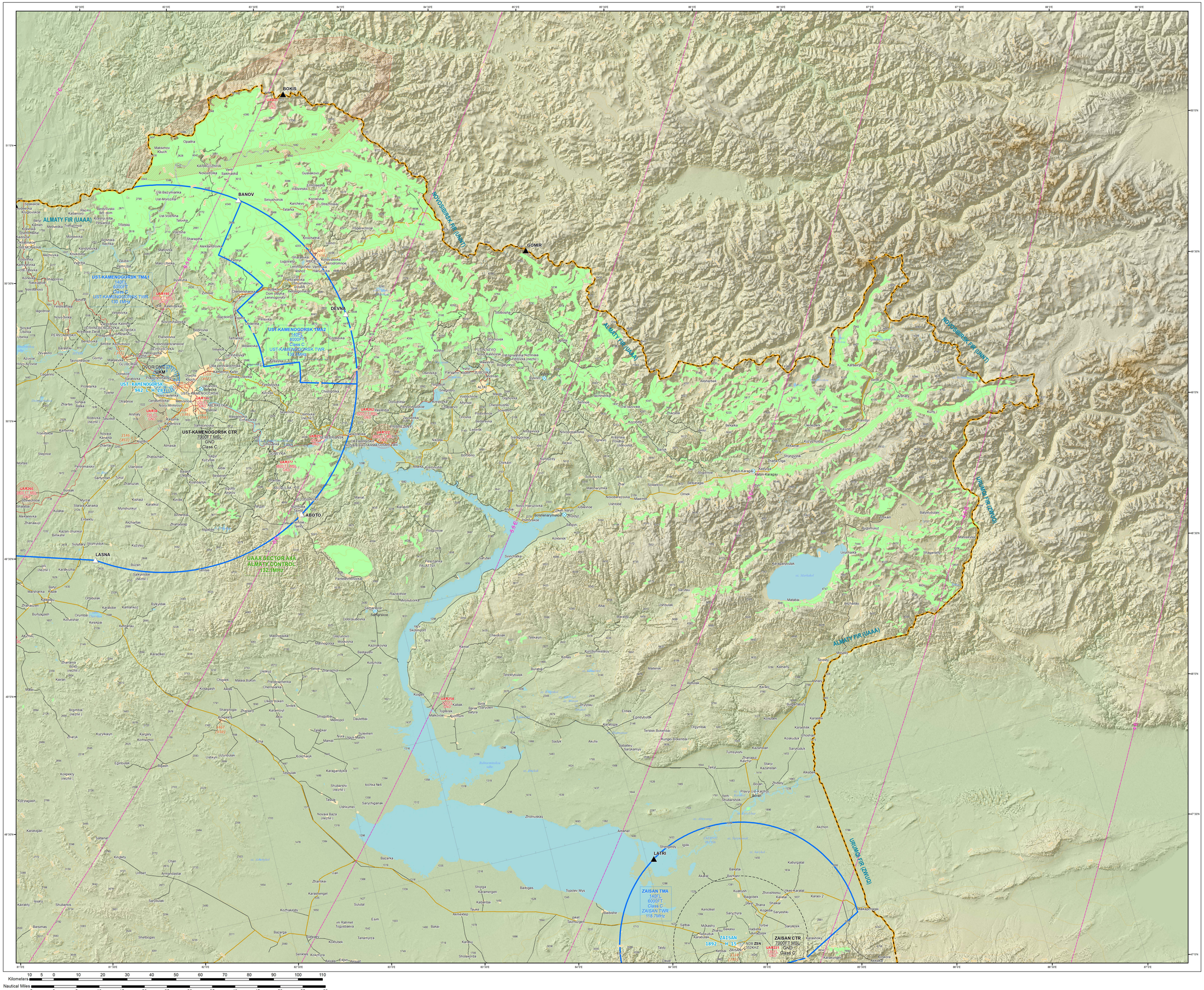
Highest elevation
Khan Tengri
42°10'59" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C1 Page 9 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 — 0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

Meters	Feet
3 000	10 000
2 500	8 000
2 000	7 000
1 500	5 000
1 000	3 000
500	2 000
0	1 000
	0

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AKTOBE FIR (UATT)
SAMARA FIR (UWWW)
UATT SECTOR A4B
AKTOBE CONTROL
135.4MHz
UATT SECTOR A2B
AKTOBE CONTROL
130.9MHz
9.5°E
9°E
8.5°E
8°E
10°E
TOZIS
NAGAZ
BAGIR
OLAPU
TUGLA
ATYRAU CTR
4000FT MSL
GND
Class C
ATYRAU TMA
1500FT
3000FT
Class C
ATYRAU TWR
118.1MHz
DVORDME
ATR
D ISLAND CTR
3000FT MSL
GND
Class C
ATYRAU
ZONE
Class C
URAL TWR
119.7MHz
UAR224
UAR266
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UAR996
UAR997
UAR998
UAR999
UAR1000

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C2

Legend

Civil aerodrome

ALMATY — Name of aerodrome
2238 L H 45 — Minimum lighting
Elevation — RWY (hard surfaced, all weather)
RWY length (hundreds of metres)

Grass runway

Abandoned runway

Helicopter landing site

Reporting point

Compulsory

On request

Radio navigation aids

Non-directional radio beacon (NDB)

Colocated VOR and DME

Compas rose

Obstacles

Lighted group obstacles

Lighted obstacles

High lighted obstacles (1000ft above GND)

426 (112) — Elevation above MSL / Height above GND

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

Control zone (CTR)

Aerodrome traffic zone (ATZ)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

Built-up areas

Railways

Power transmission lines

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

22000

0

Elevation conversion

Meters / Feet

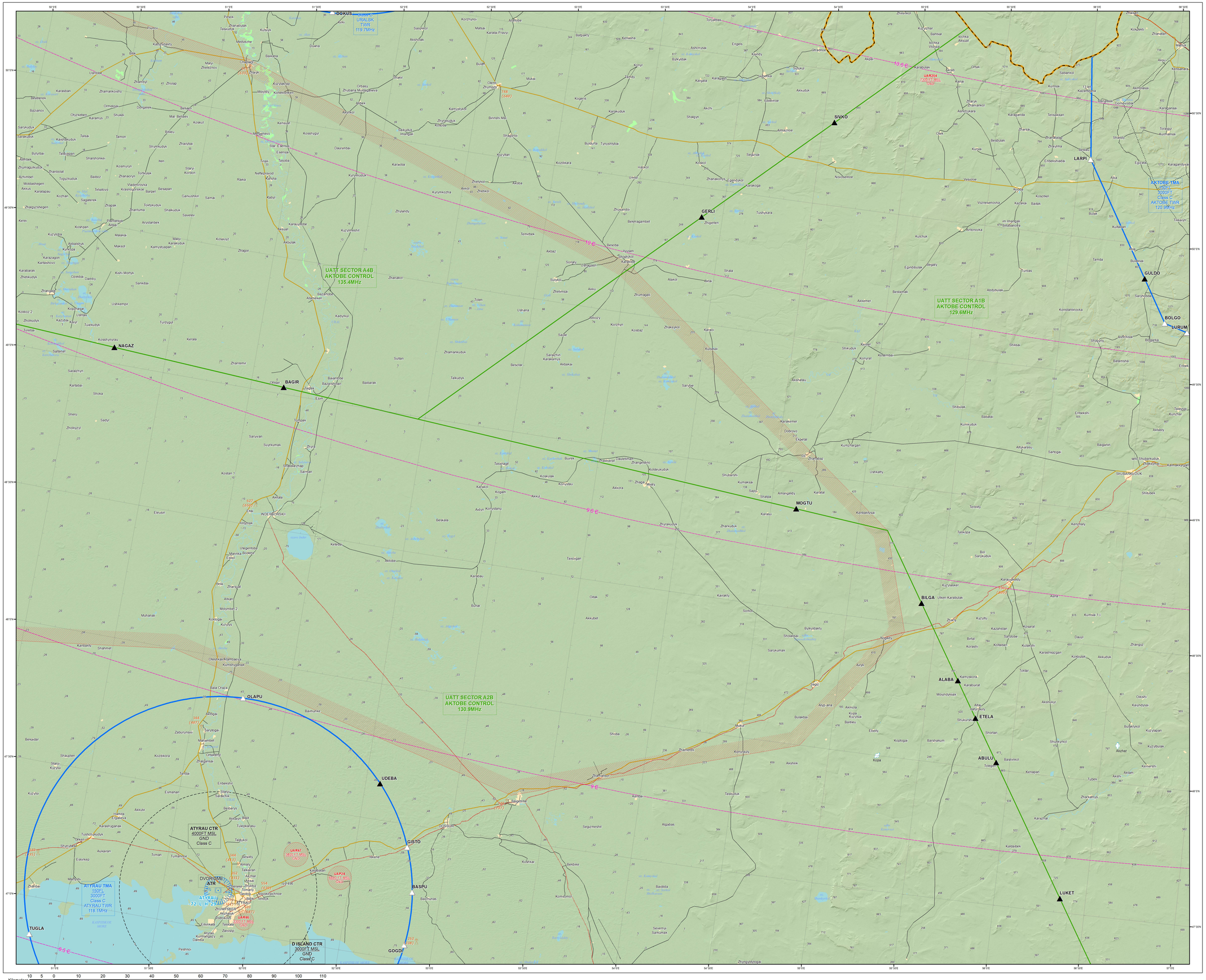
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

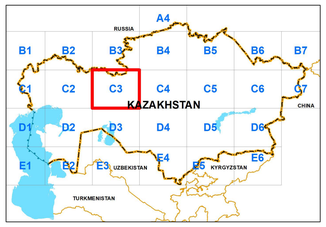
Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C3 Page 11 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 / (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Highest elevation
Khan Tengri
42°10'59" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

SANIR
NINBU
ALGAS
URUSU
RAVNI
ABIRA
GEMBO
BEKOR
LANUK
BEDRU
GEDSA
ADLIK
SURAR
LITBA
OMITO
ADRAT
RIGDO
TIKTO
ODILA
ERUTA
RESDO
RUGUS
EMBA
AKTOBE TMA
3000FT
Class C
AKTOBE TWR
120.9MHz
AKTOBE CTR
4000FT MSL
GND
Class C
DVOR/DME
AKB
AKTOBE
741 L H 32
SAMARA FIR (UWWW)
ASTANA FIR (UACN)
AKTOBE FIR (UATT)
UACN SECTOR A2C
ASTANA CONTROL
133.1MHz
UACN SECTOR A1C
ASTANA CONTROL
132.5MHz
UATT SECTOR A1B
AKTOBE CONTROL
129.6MHz
UATT SECTOR A3B
AKTOBE CONTROL
119MHz
10 E
9 E
9.5 E

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C4 Page 12 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 … 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

ASTANA TMA1
245EL
6500FT
Class C
ASTANA APP
124.6MHz

UACN SECTOR A3C
ASTANA CONTROL
132.6MHz

UACN SECTOR A2C
ASTANA CONTROL
133.1MHz

UACN SECTOR A4C
ASTANA CONTROL
124.1MHz

UACN SECTOR A1C
ASTANA CONTROL
132.5MHz

UATT SECTOR A3B
AKTOBE CONTROL
119MHz

ZHEZKAZGAN TMA
150FL
3000FT
Class C
ZHEZKAZGAN TWR
127.1MHz

ZHEZKAZGAN CTR
4000FT MSL
GND
Class C

DVOR/DME
ARK

DVOR/DME
DZG

ZHEZKAZGAN
1251 L H 26

OSROL
VETUB
TUSEP
ABENU
ASTIK
MIMKA
VAMRI
ABULA
AKELI
KUGUN
AMIGU
ALFIL
BULOG
LAMGI
BATAD
EDETO
BEDOR
ADOKA
RINUR
DOPAR
BETIK
DINBO
ARMIK
ADRIK
AMASO
ULRIP

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C5 Page 13 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting
- Elevation — RWY (hard surfaced, all weather)
- RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL / Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 — Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 / 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

APTUS
ASTANA CTR 5500FT MSL GND Class D
ASTANA TMA2 7500FT 3500FT Class C ASTANA RADAR 120.7MHz
UACN SECTOR A3C ASTANA CONTROL 132.8MHz
ASTANA TMA1 FL60 6500FT Class C ASTANA APP 124.8MHz
APTOK
ODAMA
KANZI
GEDNO
UNLOM
DETOV
BASPA
SUTUR
BEDKA
LESNA
BANOS
GOLTU
LUMUD
TULFA
KOKON
GURBI
SULIB
AGINU
ALMATY FIR (UAAA)
SEHAL
KARAGANDA TMA 7 10FL 6000FT Class C KARAGANDA TWR 122MHz
KRG VOR/DME
ARLIH
UAAA SECTOR A4A ALMATY CONTROL 132.1MHz
KARAGANDA CTR 7000FT MSL GND Class C
DOZIN
GORBO
UACN SECTOR A4C ASTANA CONTROL 124.1MHz
NEMKU
AGPIN
ROSID
ASTANA FIR (UACN)
INTAL
TOKNA
LUKUS
AGADI
ALEGA
UACN SECTOR A1C ASTANA CONTROL 132.5MHz
UAAA SECTOR A5A ALMATY CONTROL 125.5MHz
AKZORI
AGAKO
BAGIL
GIREM
DONUR
OBARU
BIKRI
DIBUK
BALKHASH TMA 14DFL 3000FT Class C BALKHASH TWR 128MHz
BALKHASH CTR 4000FT MSL
ESADO

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C6 Page 14 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 … 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'59" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

UACN SECTOR A3C
ASTANA CONTROL
132.8MHz

BALOL
LUREL
ADLAN
UVTOK
LUNOV
NOKNA
LASNA
ABOTO
ENONA
MADEV
BURID
NINKO
AGAKA

SEMEY CTR
4000FT MSL
GND
Class C

SEMEY TMA
140FL
9000FT
Class C
SEMEY TWR
128MHz

UST-KAMENOGORSK CTR
7000FT MSL
GND
Class C

UST-KAMENOGORSK TMA1
140FL
6000FT
Class C
UST-KAMENOGORSK TWR
130MHz

URDZHAR CTR
7000FT MSL
GND
Class C

URDZHAR TMA
140FL
6000FT
Class C
URDZHAR TWR
123MHz

USHARAL TMA
140FL
6000FT
Class C
USHARAL TWR
118.5MHz

UAAA SECTOR A4A
ALMATY CONTROL
132.1MHz

UAAA SECTOR A5A
ALMATY CONTROL
125.5MHz

UAR127 2800FT MSL GND
UAR131 3200FT MSL GND
UAR223 2800FT MSL GND
UAP9 GND
UAR37 GND
UAR161 3700FT MSL GND
UAR243 3000FT MSL GND
UAR28 5200FT MSL GND
UAR129 3200FT MSL GND
UAR191 4000FT MSL GND
UAR260 3800FT MSL GND
UAR277 2300FT MSL GND
UAR261 9000FT MSL GND
UAR184 GND
UAR188 7600FT MSL GND
UAR206 2800FT MSL GND
UAR215 3000FT MSL GND
UAR257 GND
UA06 150FL

VOR/DME
AGZ
113.4MHz

URDZHAR
1683 H 21
UDN
460MHz

ZHANGIZTOBE
2407 (7897)

2079 (6819)
2807 (9211)
2954 (9692)
2407 (7897)
2146 (7041)
2407 (7897)
4784 (15696)
4784 (15696)
4784 (15696)

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number C7 Page 15 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 — 0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number D1 Page 16 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 / (112) — Elevation above MSL / Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000
0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

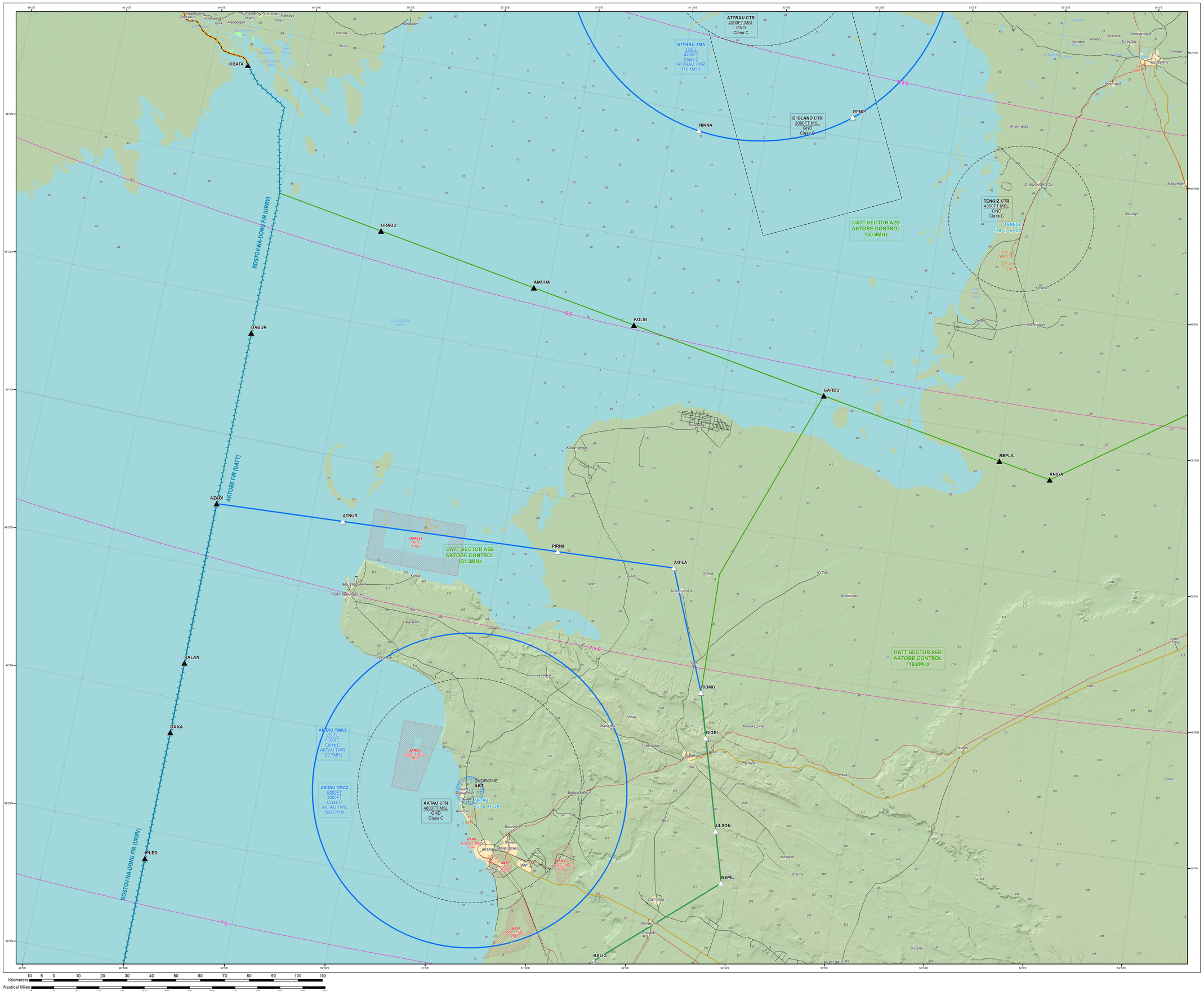
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.


OBATA
URABU
AMOHA
KOLIB
BABUR
GARDU
REPLA
ANIGA
AZABI
ATNUR
PIRIM
AGILA
RALAN
ITAKA
IPLED
RIBMO
GIGRI
ULSON
NEPIL
BALIG
NIKNA
RENPI
ATYRAU CTR
4000FT MSL
GND
Class C
ATYRAU TMA
15SFL
3000FT
Class C
ATYRAU TWR
118.1MHz
D ISLAND CTR
3000FT MSL
GND
Class C
TENGIZ CTR
4000FT MSL
GND
Class C
TENGIZ
-78 L H 10
UATT SECTOR A2B
AKTOBE CONTROL
130.9MHz
UATT SECTOR A5B
AKTOBE CONTROL
134.3MHz
UATT SECTOR A6B
AKTOBE CONTROL
119.8MHz
UAR259
1853 FT
GND
AKTAU TMA1
200FL
5000FT
Class C
AKTAU TWR
120.7MHz
AKTAU TMA2
6000FT
3000FT
Class C
AKTAU TWR
120.7MHz
UAR26
4000FT MSL
GND
AKTAU CTR
4000FT MSL
GND
Class C
DVOR/DME
AKT
AKTAU
75 L H 30
UAP6
6700FT MSL
GND
UAP7
6700FT MSL
GND
UAR27
6700FT MSL
GND
UAR25
9500FT MSL
GND
ROSTOV-NA-DONU FIR (URRV)
AKTOBE FIR (UATT)
ROSTOV-NA-DONU FIR (URRV)
45°E
6°E
7°E
7°E
Kuryk
Aktau
Zhetybai
Munaily
Baku
Turkmenbashi
Kyzylsai
Kyzylsu
Kulsary
Makat
Makoncgol
Kerbulak
Zhanaozen
Shetpe
Beyneu
Akkuduk
Karaman
Kosshagyl
Shubyrtpay
Zhanakarakton
Akkudyk
Sarykamys
Kosaral
Karasha
Kosary
Turgyzba
Shokpartogai
Karaga
Kyzylzhar
Karakuduk
Lenkoza
Chap
Karakum
Koyandy
Tauzdyk
Shaxy
Zhynaiqyn
Turbaztyken
Amankyzymet
Sabyr
Ajtas
Zhelkuar
Sadoka
Duken
Uzbek
Tuma
Ushtagan
Zharma
Karachaltas
Kalamkas
Tushchykuduk
Tuzdy
Akshimrau
KYZAN
Ushart
Tyrag
Sheber
Kanga
Baiterek
Fort Shevchenko
Bolshoy Uzen
Sam
Shagyrlyk
Akshoky
Baku
Ozenmunaigas
Tengiz
Korolev
Kashagan
Kalamkas
Kulsary
Makat

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number D2 Page 17 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 / 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

ATYRAU CTR 4000FT MSL GND Class C
ATYRAU TMA 150FL 3000FT Class C ATYRAU TWR 118.1MHz
D ISLAND CTR 3000FT MSL GND Class C
TENGIZ CTR 4000FT MSL GND Class C
UATT SECTOR A2B AKTOBE CONTROL 130.9MHz
UATT SECTOR A1B AKTOBE CONTROL 129.6MHz
UATT SECTOR A3B AKTOBE CONTROL 119MHz
UATT SECTOR A5B AKTOBE CONTROL 134.3MHz
UATT SECTOR A6B AKTOBE CONTROL 119.8MHz
AKTAU TMA2 6000FT Class C AKTAU TWR 120.7MHz
AKTAU TMA1 2000FT 5000FT Class C AKTAU TWR 120.7MHz
AKTAU CTR 4000FT MSL GND Class C
UAR212 11500 FT MSL GND
UAR211 10500 FT MSL GND
UAR27 FT MSL GND
VOR/DME BNU
AKTOBE FIR (UATT)
NUKUS FIR (UTNR)
NIKNA
RENPI
KOLIB
GARDU
REPLA
ANIGA
AGILA
RIBMO
GIGRI
ULSON
NEPIL
BALIG
TISRA
OGANU
KORAG
TENGIZ
ZHANAKARATON
KURSHARY
Aralkum Desert
KASPIYSKOE MORE

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number D3 Page 18 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000
0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 — Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000 — 0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

ABURA
ZHEZKAZGAN CTR
4000FT MSL
GND
Class C
REMTI
DITSO
ZHEZKAZGAN TMA
150FL
3000FT
Class C
ZHEZKAZGAN TWR
127.1MHz
LEMDU
BURIK
ASLIK
ARKAM
AKTOBE FIR (UATT)
ASTANA FIR (UACN)
SHYMKENT FIR (UAII)
UATT SECTOR A3B
AKTOBE CONTROL
119MHz
UACN SECTOR A1C
ASTANA CONTROL
132.5MHz
LUGER
BAMET
GORVA
NONDI
BETPU
ADONU
MIRGA
TUROK
AMREK
DIKAM
RINET
GITIM
ERMEK
BADAS
DILNA
AGMUR
BUDET
NATUS
GIGUR
KYZYLORDA
KZO
KYZYLORDA TMA1
140FL
9000FT
Class C
KYZYLORDA TWR
120.9MHz
KYZYLORDA CTR
2200FT MSL
GND
Class C
KYZYLORDA TMA2
4000FT
12000FT
Class C
KYZYLORDA TWR
120.9MHz
UAII SECTOR A2I
SHYMKENT CONTROL
127.3MHz
UAII SECTOR A1I
SHYMKENT CONTROL
132.7MHz
TURKISTAN TMA
140FL
9000FT
Class C
TURKISTAN TWR
131.3MHz
TIMKA
UAR159
UAD26
UAR158
UAD25
UAD24
UAR36
UAD23
UAR216

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number D5 Page 20 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 / (112) — Elevation above MSL; Height above GND

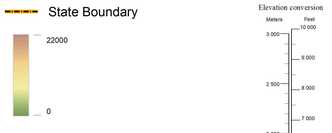
Airspace

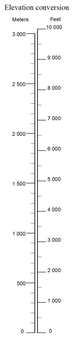
- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways — Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

Elevation conversion





Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number D6 Page 21 of 27

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

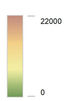
Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

Elevation conversion



Meters / Feet

3 000 / 10 000
2 500 / 9 000
2 000 / 8 000
1 500 / 7 000
1 000 / 6 000
500 / 5 000
0 / 4 000
1 000 / 3 000
2 000 / 2 000
0 / 1 000

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers: 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles: 5 0 5 10 15 20 25 30 35 40 45 50 55 60

UAAA SECTOR A5A
ALMATY CONTROL
125.5MHz

UAAA SECTOR A4A
ALMATY CONTROL
132.1MHz

UAAA SECTOR A1A
ALMATY CONTROL
133.1MHz

UAAA SECTOR A3A
ALMATY CONTROL
131.4MHz

USHARAL TMA
140FL
4000FT
Class C
USHARAL TWR
118.9MHz

USHARAL CTR
5000FT MSL
GND
Class C

TALDYKORGAN TMA
140FL
6000FT
Class C
TALDYKORGAN TWR
127.3MHz

TALDYKORGAN CTR
7000FT MSL
GND
Class C

ALMATY TMA1
240FL
8000FT
Class C
ALMATY APP
124.8MHz

ALMATY TMA2
8000FT
4000FT
Class C
ALMATY RADAR
126.8MHz

ALMATY CTR
5200FT MSL
GND
Class D

TALDYKORGAN
1944 L H 30
DVOR/DME
TDK

ADRIM
GIGDA
NESUN
RISUL
AGNAT
ETRAN
MAKEK
LIPSI
NIPAL
ABREK
EROMI
FULSA
KEZUT
FINON
BARUR
IDILI
DEBAZ
GOGDO
DESOK
DOTAL
GAKMA
BIOTA
ETEDA
RISAD
TUKTO
APSEN
BAKIS
ADABA
ALUGI
PIGAL
RULAD

UAD8 195.1 FL GND
UAD7 195.1 FL GND
UAD6 195.1 FL GND
UAR1 200.1 FL GND
UAR2 200.1 FL GND
UAR3 200.1 FL GND
UAR4 115 FL GND
UAR5 200.1 FL GND
UAR6 200.1 FL GND
UAR7 200.1 FL GND
UAR8 200.1 FL GND
UAR9 200.1 FL GND
UAR10 200.1 FL GND
UAR11 200.1 FL GND
UAR12 200.1 FL GND
UAR13 200.1 FL GND
UAR14 200.1 FL GND

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number E1

Legend

- Civil aerodrome
- ALMATY 2238 L H 45 — Name of aerodrome; Minimum lighting; Elevation; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Elevation conversion

Meters / Feet

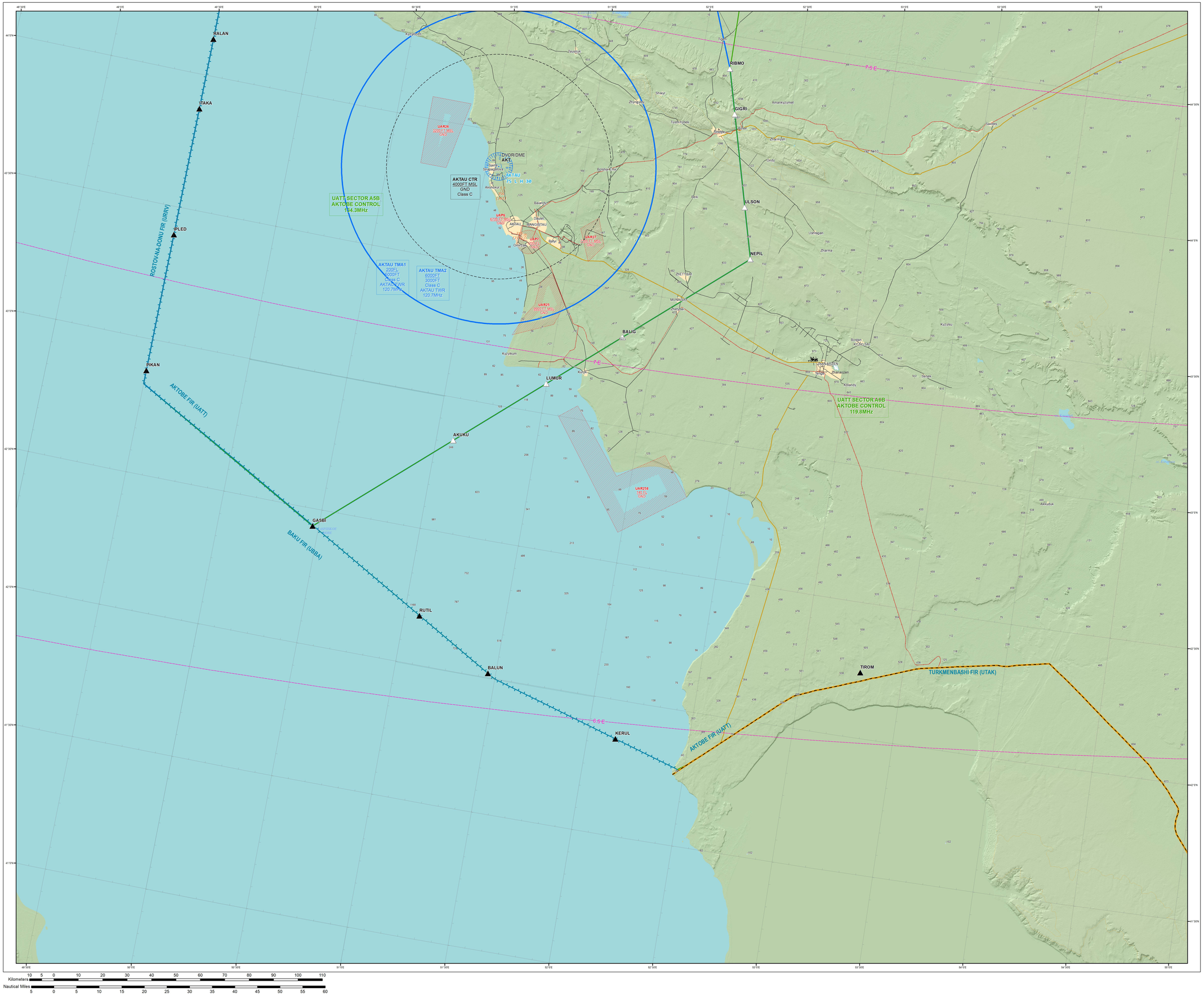
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Legend

- Civil aerodrome
  - ALMATY — Name of aerodrome
  - 2238 L H 45 — Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
  - Elevation
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- ▲ Compulsory
- △ On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000
0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	9 000
2 000	8 000
1 500	7 000
1 000	6 000
500	5 000
0	4 000
	3 000
	2 000
	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

AKTAU TMA2
6000FT
2000FT
Class C
AKTAU TWR
120.7MHz

AKTAU CTR
4000FT MSL
GND
Class C

AKTAU TMA1
2000FT
GND
Class C
AKTAU TWR
120.7MHz

GIGRI
ULSON
NEPIL
BAUG
KERUL
TIROM
KORAG
KUNAS

UATT SECTOR A5B
AKTOBE CONTROL
134.3MHz

UATT SECTOR A6B
AKTOBE CONTROL
119.8MHz

UAR258
182 FL
GND

AKTOBE FIR (UATT)
TURKMENBASHI FIR (UTAK)
NUKUS FIR (UTNR)

7.5 E
6 E
6.5 E

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number E3 Page 24 of 27

Legend

- Civil aerodrome
- ALMATY / 2238 L H 45 / Elevation — Name of aerodrome; Minimum lighting; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Elevation conversion

Meters	Feet
3 000	10 000
2 500	8 000
2 000	7 000
1 500	5 000
1 000	3 000
500	2 000
0	1 000
	0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110
Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

UATT SECTOR A6B AKTOBE CONTROL 119.8MHz

UATT SECTOR A3B AKTOBE CONTROL 119MHz

UAII SECTOR A2I SHYMKENT CONTROL 127.3MHz

NUKUS FIR (UTNR)

AKTOBE FIR (UATT)

SHYMKENT FIR (UAII)

TASHKENT FIR (UTTR)

MESO

KURAB

AKALI

TIGTA

BOLNA

DIDOP

MIMRI

UBAGU

UAR269 10000 FT MSL ENR

UAR268 10000 FT MSL ENR

UAR274 6000 FT MSL ENR

UAR273 10000 FT MSL ENR

UAR272 11000 FT MSL ENR

UAR271 10000 FT MSL ENR

7.5°E

7°E

6.5°E

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number E4

Legend

- Civil aerodrome
- ALMATY — Name of aerodrome
- 2238 L H 45 — Minimum lighting
- Elevation — RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

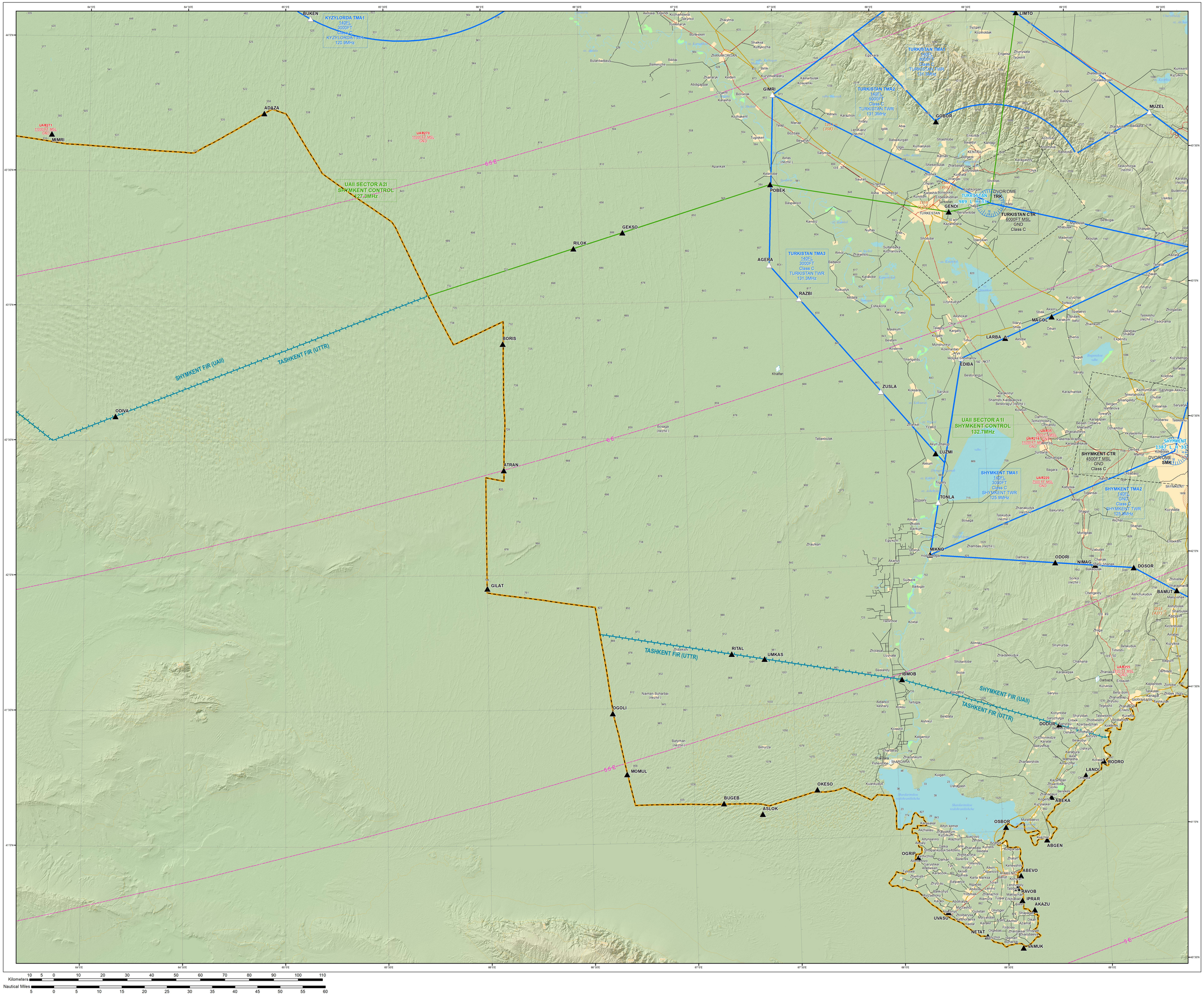
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number E5

Legend

- Civil aerodrome
- ALMATY 2238 L H 45 — Name of aerodrome; Minimum lighting; Elevation; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Elevation conversion

Meters / Feet

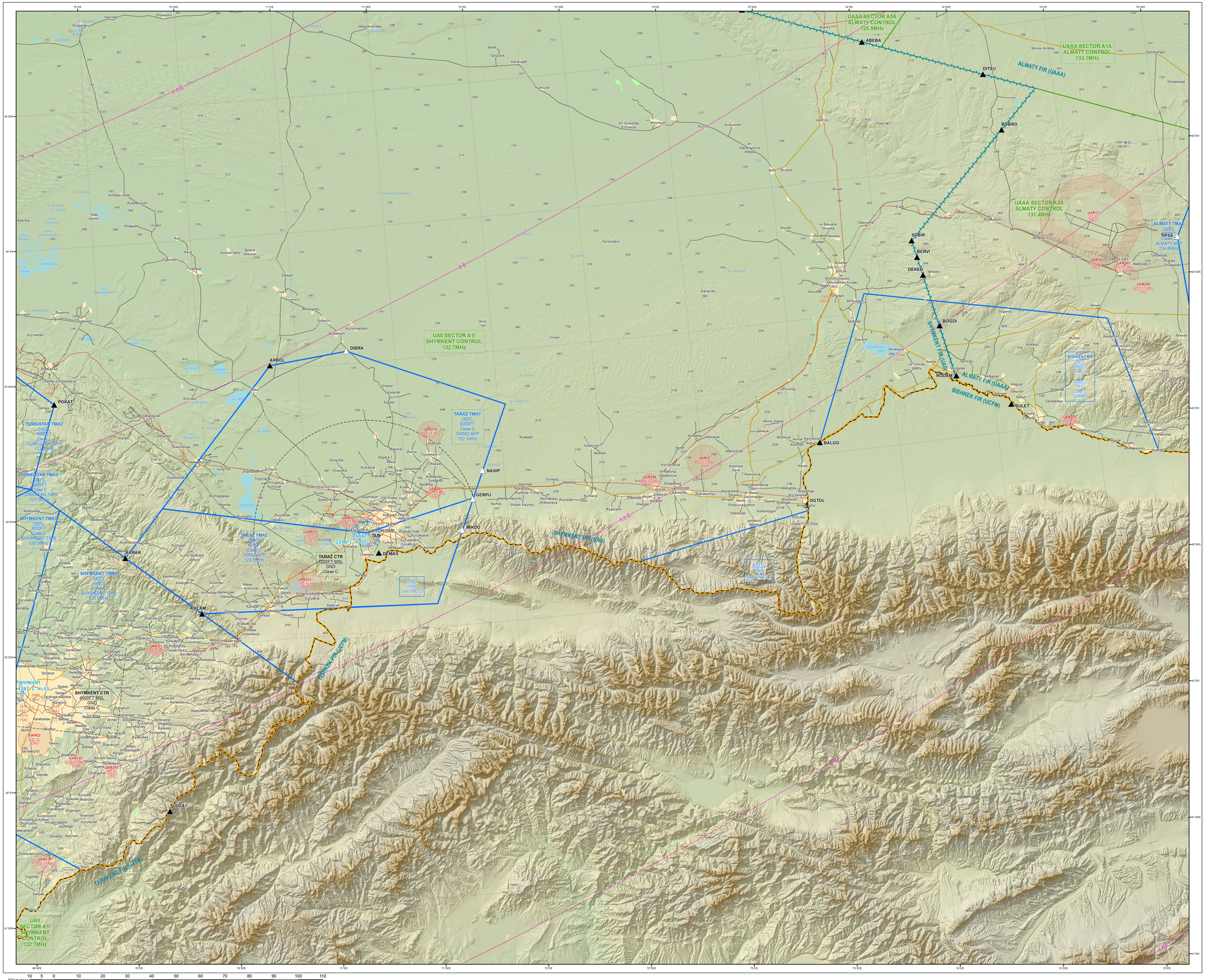
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110

Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
1:500 000

KAZAKHSTAN

Effective date:
11 JUL 2024



Index number E6

Legend

- Civil aerodrome
- ALMATY 2238 L H 45 — Name of aerodrome; Minimum lighting; Elevation; RWY (hard surfaced, all weather); RWY length (hundreds of metres)
- Grass runway
- Abandoned runway
- Helicopter landing site

Reporting point

- Compulsory
- On request

Radio navigation aids

- Non-directional radio beacon (NDB)
- Colocated VOR and DME
- Compas rose

Obstacles

- Lighted group obstacles
- Lighted obstacles
- High lighted obstacles (1000ft above GND)
- 426 (112) — Elevation above MSL; Height above GND

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- Control zone (CTR)
- Aerodrome traffic zone (ATZ)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- Built-up areas
- Railways
- Power transmission lines
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

22000

0

Elevation conversion

Meters / Feet

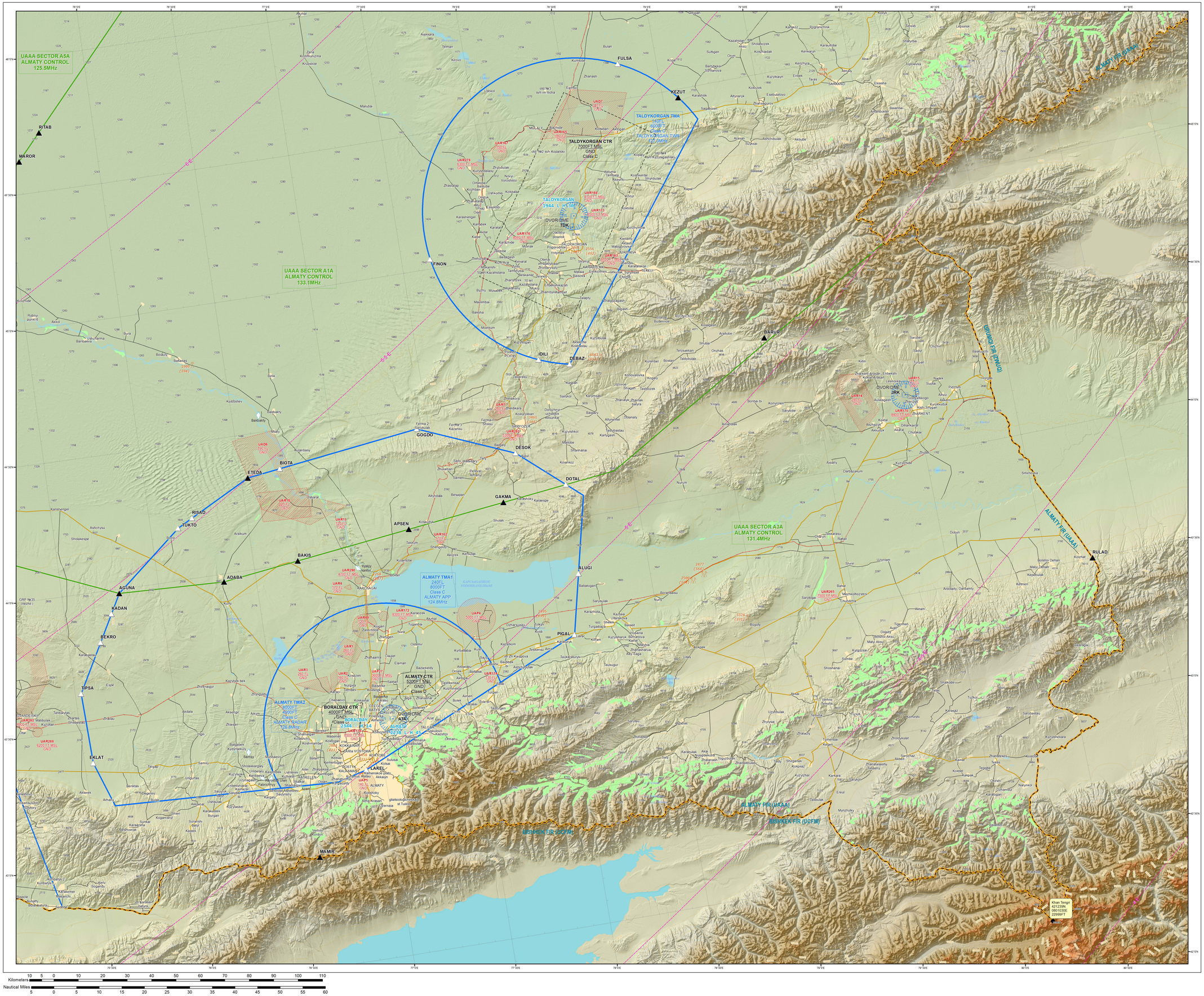
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
22999 FT

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Feet
Topographic information actual date: 01.2016
Magnetic data for 01.2015

For latest information consult NOTAMs and Aeronautical Information Publication

Warning:
Relief data incomplete.
The reliability of relief information on this chart is doubtful and elevations should be used with caution.



Kilometers 10 5 0 10 20 30 40 50 60 70 80 90 100 110

Nautical Miles 5 0 5 10 15 20 25 30 35 40 45 50 55 60