AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number A5 Page 1 of 25

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

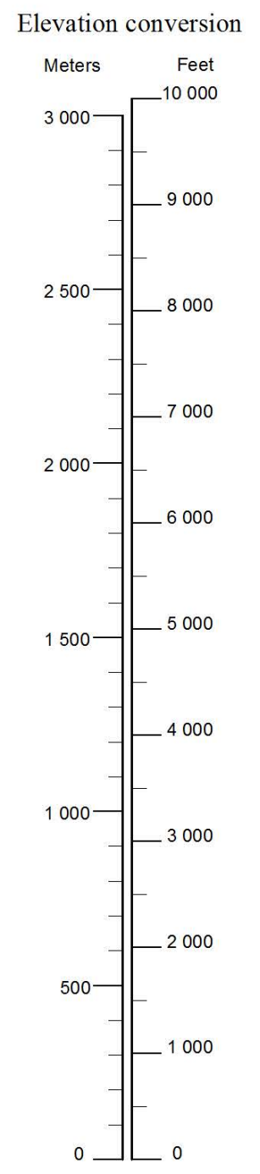
Danger,Prohibited,Restricted areas

Topography & Culture

896	Spot elevation
🟨	City or town
	Railways
	Roads
	Isogonic line
	Contour line
	Lake
	River
	Forest
	State Boundary

7000

0



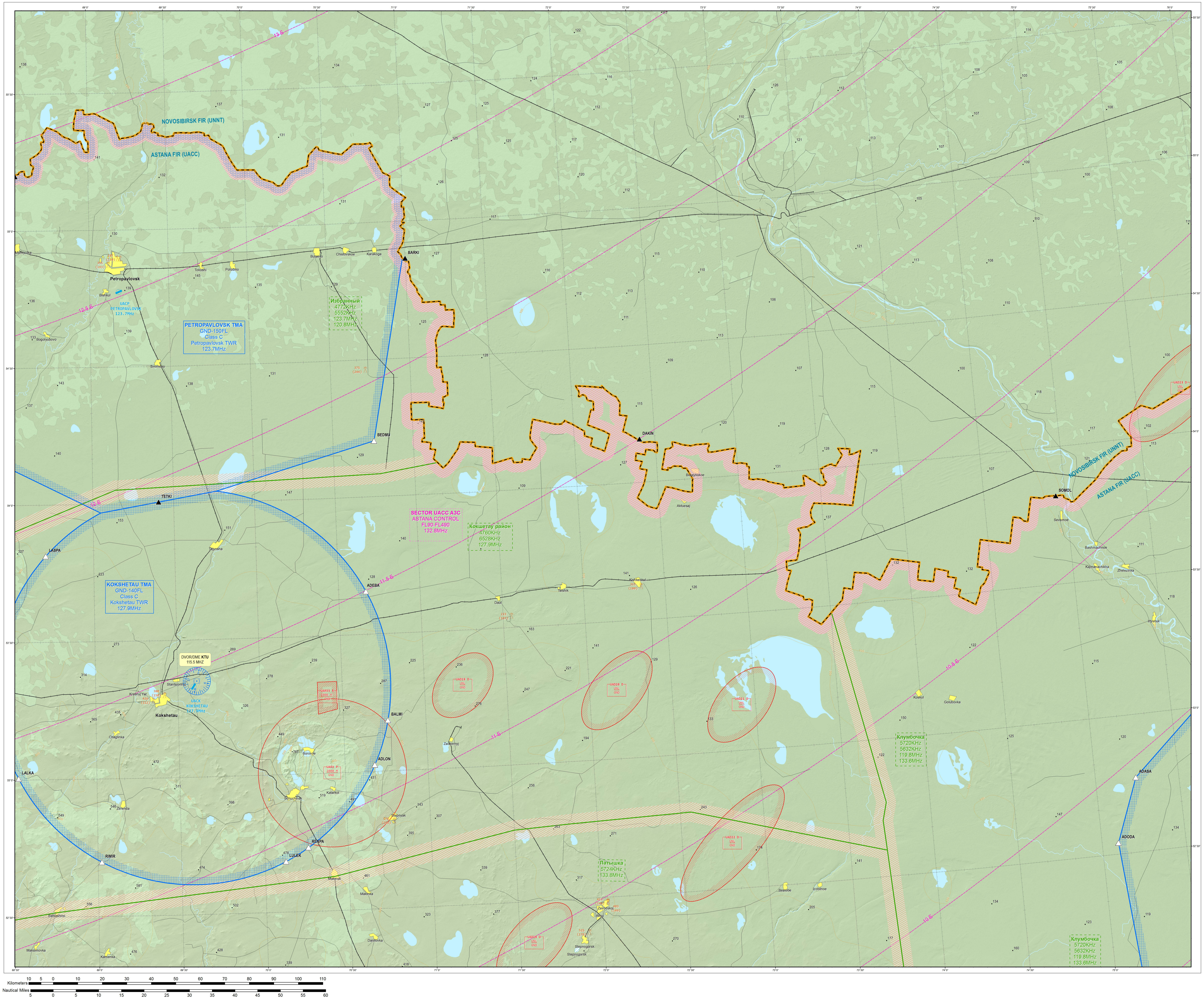
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 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.



NOVOSIBIRSK FIR (UNNT)
ASTANA FIR (UACC)
Petropavlovsk
PETROPAVLOVSK TMA
GND-150FL
Class C
Petropavlovsk TWR
123.7MHz
Избранный
4772KHz
5552KHz
123.7MHz
120.8MHz
BARKI
BEDMU
TETKI
LASPA
ADEBA
BALMI
ADLON
LALKA
RIMIR
RENPA
LULEK
DAKIN
SOMOL
ADASA
ADODA
SECTOR UACC A3C
ASTANA CONTROL
FL90-FL490
132.8MHz
Кокшетау район
4760KHz
6628KHz
127.9MHz
KOKSHETAU TMA
GND-140FL
Class C
Kokshetau TWR
127.9MHz
DVOR/DME KTU
115.5 MHZ
UACK
KOKSHETAU
127.9MHz
Kokshetau
Shchuchinsk
Stepnogorsk
Клумбочка
5720KHz
5632KHz
119.8MHz
133.6MHz
Патышка
5724KHz
133.8MHz
Kilometers
Nautical Miles

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D5
D6
D7
E2
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number B1 Page 2 of 25

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- ⊘ 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

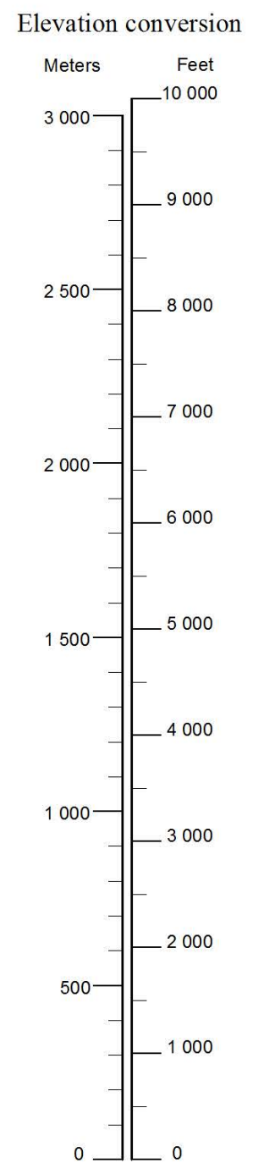
Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m


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

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
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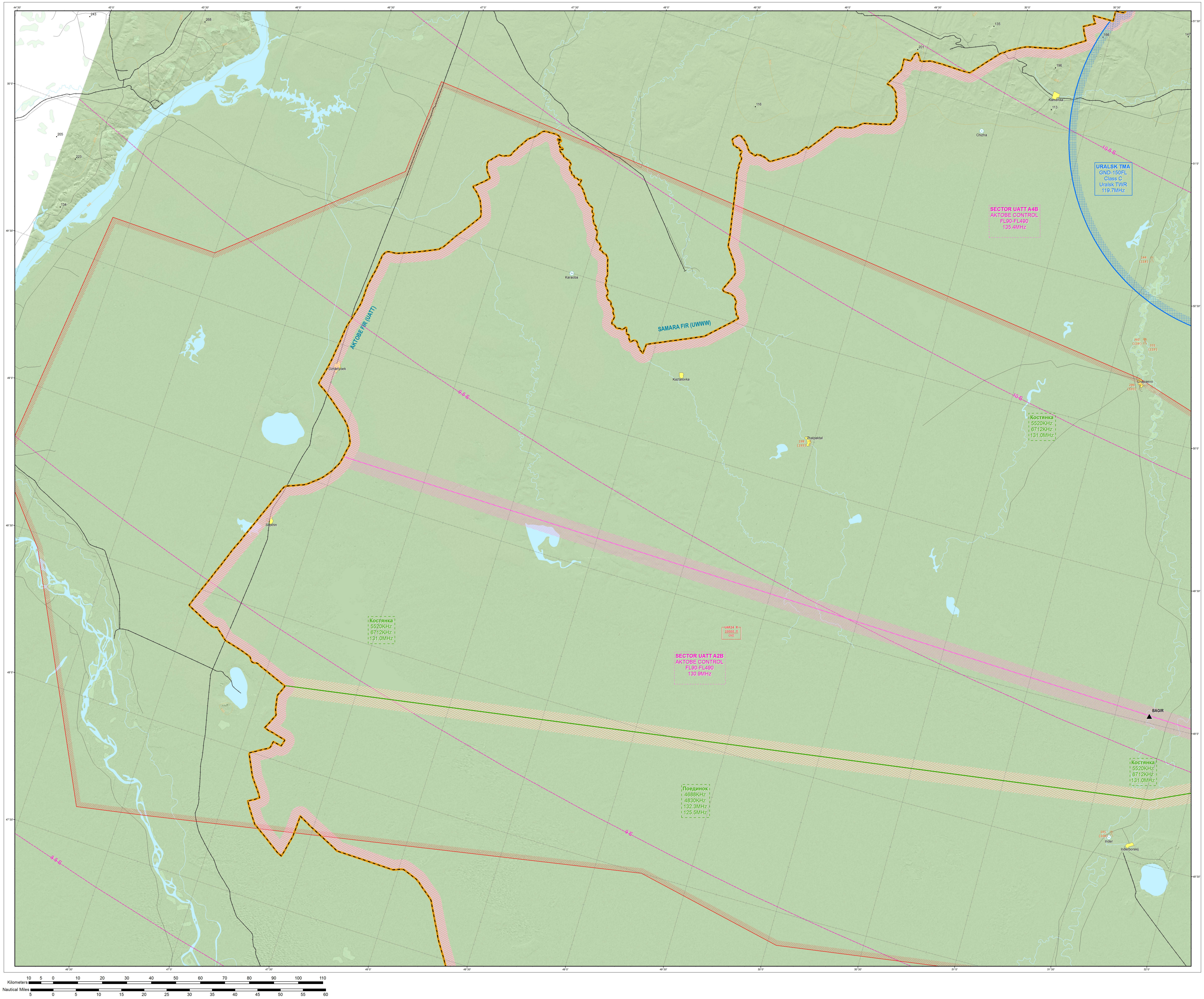
SECTOR UATT A4B
AKTOBE CONTROL
FL90-FL490
135.4MHz
URALSK TMA
GND-150FL
Class C
Uralsk TWR
119.7MHz
SECTOR UATT A2B
AKTOBE CONTROL
FL90-FL490
130.9MHz
UAR24 R
20000 M
GND
AKTOBE FIR (UATT)
SAMARA FIR (UWWW)
Костянка
5520KHz
6712KHz
131.0MHz
Поединок
4688KHz
4830KHz
132.3MHz
125.5MHz
BAGIR
10.5 E
10 E
9.5 E
Kamenka
Chizha
Karaoba
Kaztalovka
Zhalpaktal
198
(193)
Chapaevo
206
(193)
144
(118)
Dzhanybek
Sajkhin
Inder
191
(198)
Inderborskij
113
49°0'
48°30'
51°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
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RUSSIA
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D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number B2

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

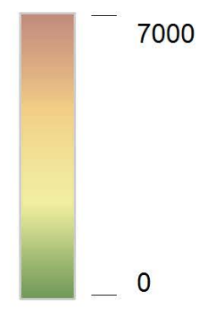
426	Elevation above MSL in meters
(112)	Height above GND in meters

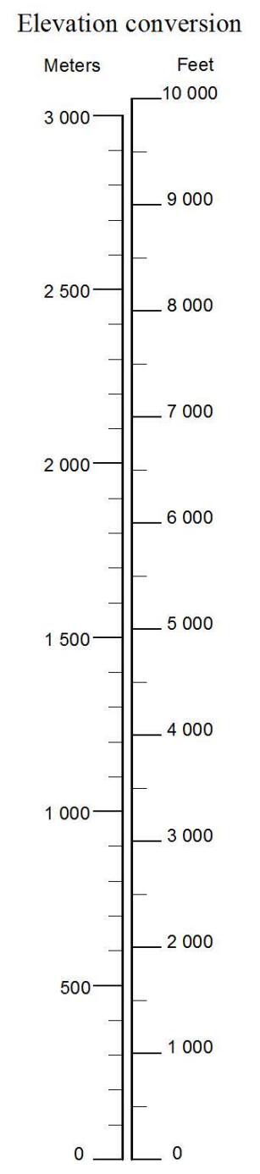
Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary




Elevation conversion

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

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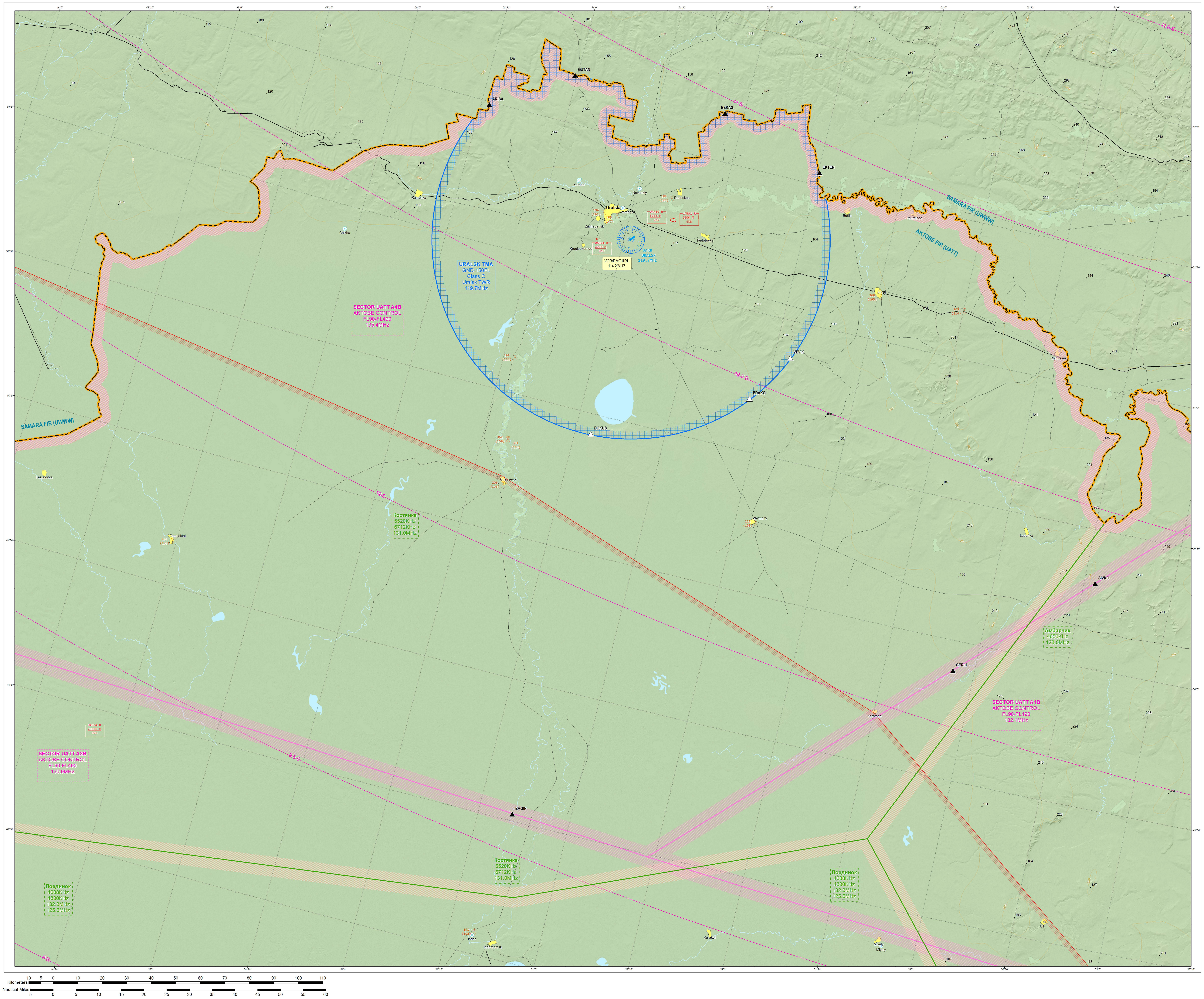
ARISA
GUTAN
BEKAS
EKTEN
SAMARA FIR (UWWW)
AKTOBE FIR (UATT)
Kordon
Novenkiy
Darinskoe
Kamenka
Uralsk
Prombaza
Zachagansk
Krugloozernoe
Fedorovka
Chizha
194 (161)
185 (147)
184 (144)
UAR19 R 5000 M GND
UAR31 R 2000 M GND
UAR21 R 2000 M GND
UARR URALSK 119.7MHz
VOR/DME URL 114.2 MHZ
URALSK TMA GND-150FL Class C Uralsk TWR 119.7MHz
SECTOR UATT A4B AKTOBE CONTROL FL90-FL490 135.4MHz
YEVIK
EDAKO
DOKUS
SAMARA FIR (UWWW)
Kaztalovka
Chapaevo
Костянка 5520KHz 6712KHz 131.0MHz
Zhalpaktal
Zhympity
Chingirlau
Lubenka
SIVKO
Амбарчик 4656KHz 128.0MHz
GERLI
SECTOR UATT A1B AKTOBE CONTROL FL90-FL490 132.1MHz
Karatobe
SECTOR UATT A2B AKTOBE CONTROL FL90-FL490 130.9MHz
BAGIR
Костянка 5520KHz 6712KHz 131.0MHz
Поединок 4688KHz 4830KHz 132.3MHz 125.5MHz
Поединок 4688KHz 4830KHz 132.3MHz 125.5MHz
191 (198)
Inder
Inderborskij
Karakol
Miyaly
11.5 E
11 E
10.5 E
10 E
9.5 E
9 E
48°0'
48°30'
49°0'
49°30'
50°0'
50°30'
51°0'
51°30'
52°0'
52°30'
53°0'
53°30'
54°0'
54°30'
55°0'
55°30'
10 5 0 10 20 30 40 50 60 70 80 90 100 110
Kilometers
Nautical Miles
5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
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A5
RUSSIA
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C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number B3 Page 4 of 25

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

🟨 City or town

Railways

Roads

Isogonic line

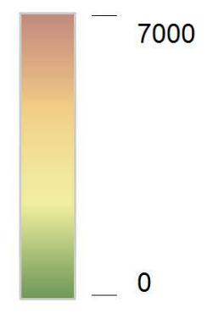
Contour line

Lake

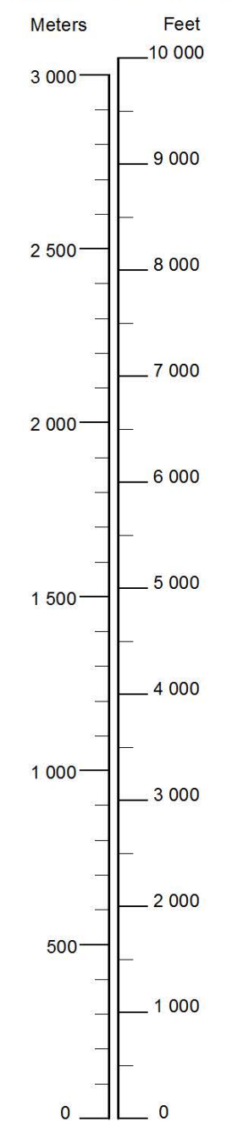
River

Forest

State Boundary



Elevation conversion


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

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

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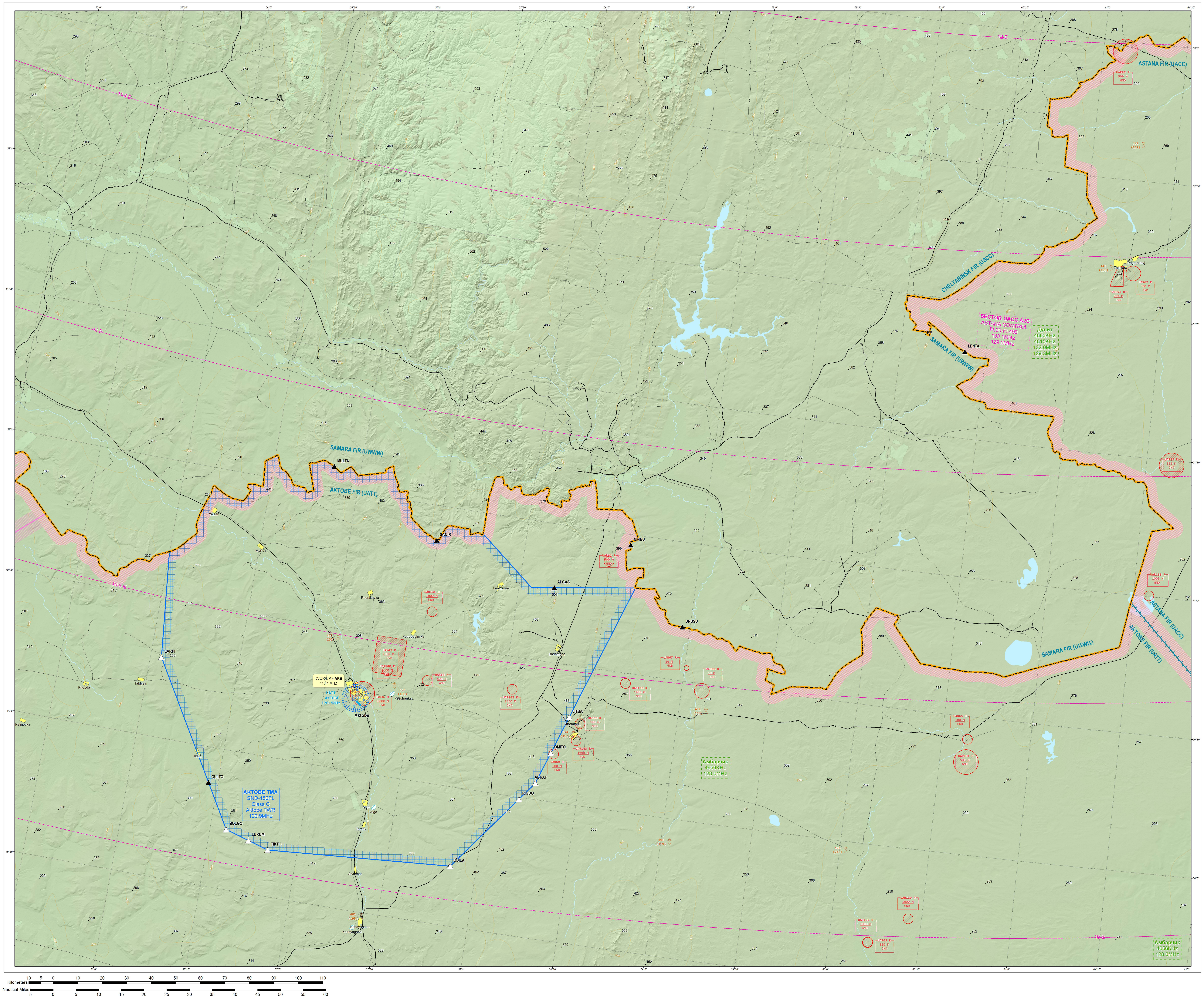
ASTANA FIR (UACC)
CHELYABINSK FIR (USCC)
SAMARA FIR (UWWW)
AKTOBE FIR (UATT)
SECTOR UACC A2C
ASTANA CONTROL
FL90-FL490
133.1MHz
129.0MHz
Дунит
4680KHz
4815KHz
132.0MHz
129.3MHz
Амбарчик
4656KHz
128.0MHz
LENTA
MULTA
BANIR
ALGAS
NINBU
URUSU
LARPI
GULTO
BOLGO
LURUM
TIKTO
ODILA
SIGDO
ADRAT
OMITO
LITBA
AKTOBE TMA
GND-150FL
Class C
Aktobe TWR
120.9MHz
DVOR/DME AKB
113.4 MHZ
UATT
AKTOBE
120.9MHz
Aktobe
Peschanka
Petropavlovka
Rodnikovka
Martuk
Yaisan
Khobda
Taldysaj
Kalinovka
Alga
Akkemir
Kandyagash
UAR43 R
1000 M
GND
UAR140 R
UAD36 D
30000 M
12 E
11.5 E
11 E
10.5 E
10 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

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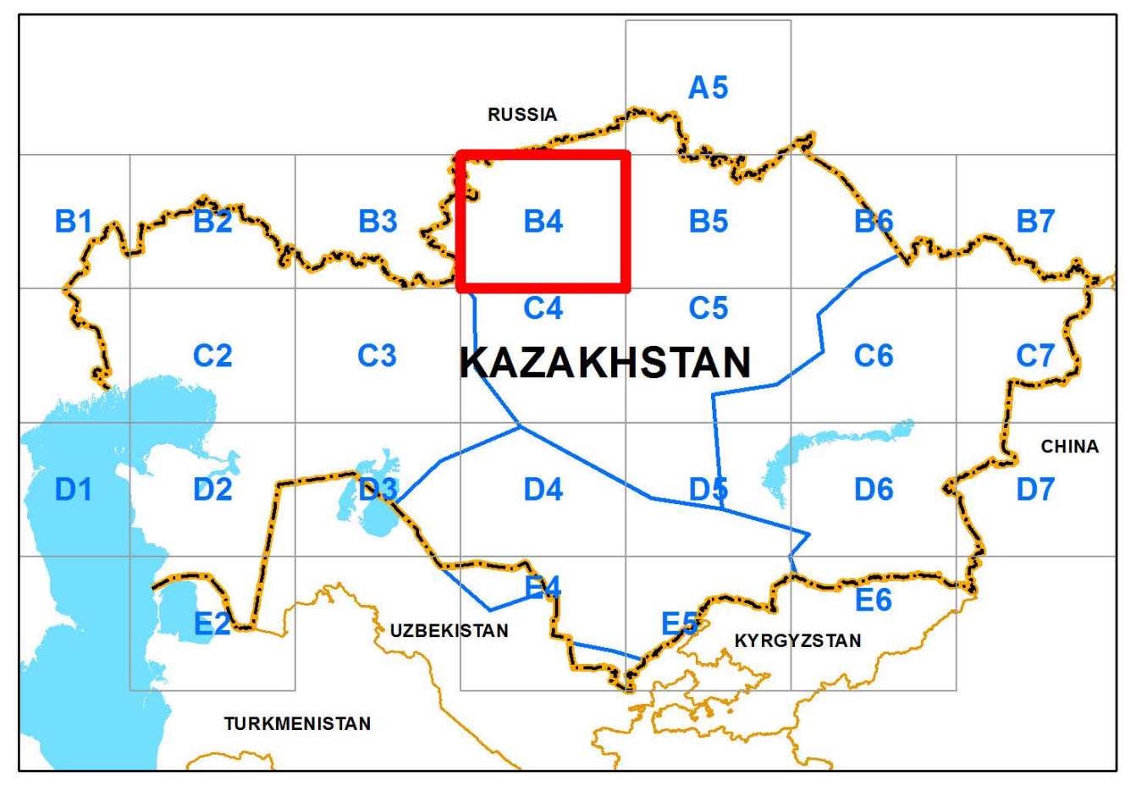
A5
RUSSIA
B1
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C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

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Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426 Elevation above MSL in meters
(112) Height above GND in meters

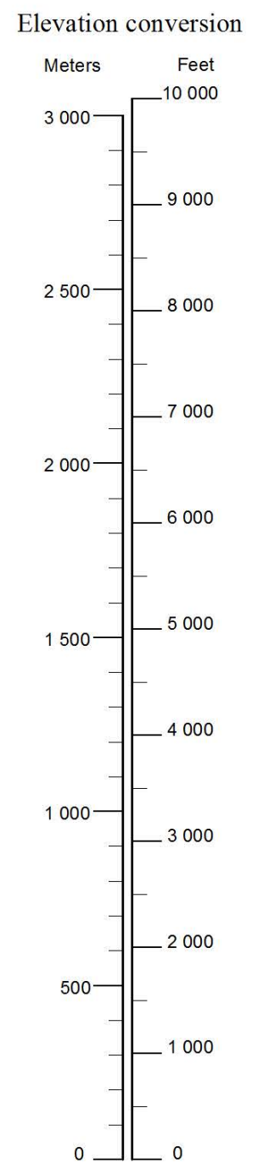
Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- 🟨 City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000
0



Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

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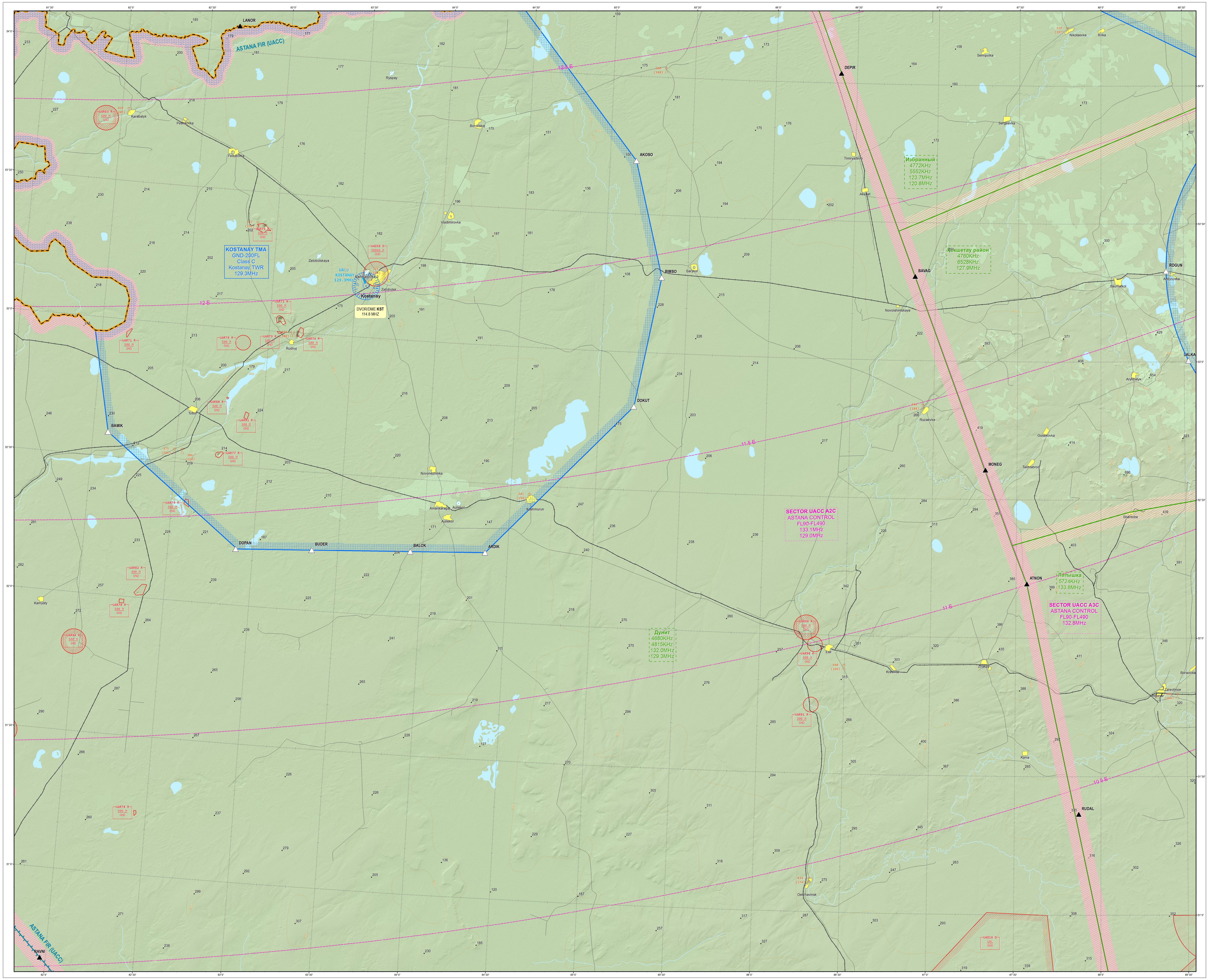
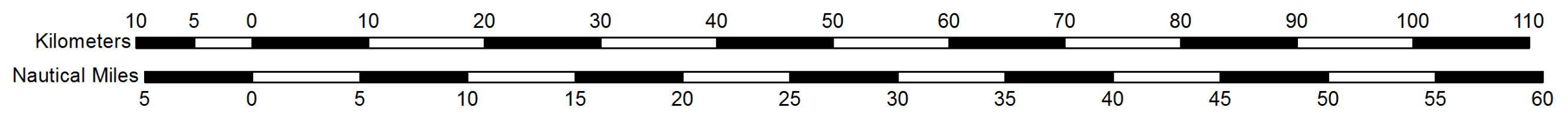

ASTANA FIR (UACC)
LANOR
DEPIR
AKOSO
BIMSO
DOKUT
BAMIK
DOPAN
BUDER
BALOK
ARDIK
BAVAG
MONEG
ATNON
RUDAL
RAVNI
ROGUN
KOSTANAY TMA
GND-200FL
Class C
Kostanay TWR
129.3MHz
UAUU
KOSTANAY
129.3MHz
Narimanovka-2
Kostanay
Zatobolsk
Zatobolskaya
DVOR/DME KST
114.8 MHZ
UAD38 D
30000 M
GND
UAR75 R
500 M
GND
UAR72 R
UAR73 R
UAR74 R
UAR76 R
UAR86 R
UAR90 R
300 M
UAR91 R
Rudnyj
Karabalyk
Fedorovka
Vladimirovka
Borovskoi
Ryspay
Tobol
Novonezhinka
Amangeldy
Auliekol
Kushmurun
Sarykol
Novoishimskaya
Esil
Krasivoe
Zhaksy
Takhtabrod
Shantobe
Sergeevka
Aksuat
Derzhavinsk
Kamysty
12 E
11.5 E
11 E
10.5 E
Избранный
4772KHz
5552KHz
123.7MHz
120.8MHz
Кокшетау район
4760KHz
6528KHz
127.9MHz
Дунит
4680KHz
4815KHz
132.0MHz
129.3MHz
Латышка
5724KHz
133.8MHz
SECTOR UACC A2C
ASTANA CONTROL
FL90-FL490
133.1MHz
129.0MHz
SECTOR UACC A3C
ASTANA CONTROL
FL90-FL490
132.8MHz
62°0'
62°30'
63°0'
63°30'
53°30'
53°0'
52°30'
52°0'
51°30'
51°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

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D7
E2
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number B5 Page 6 of 25

Legend

- Aerodromes with paved runway

UACC ASTANA 118.7MHz	Location indicator Name of AD TWR frequency

- ⊘ 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

426 (112)	Elevation above MSL in meters Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- 🟨 City or town
- Railways
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- Isogonic line
- Contour line
- Lake
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7000

0

Highest elevation
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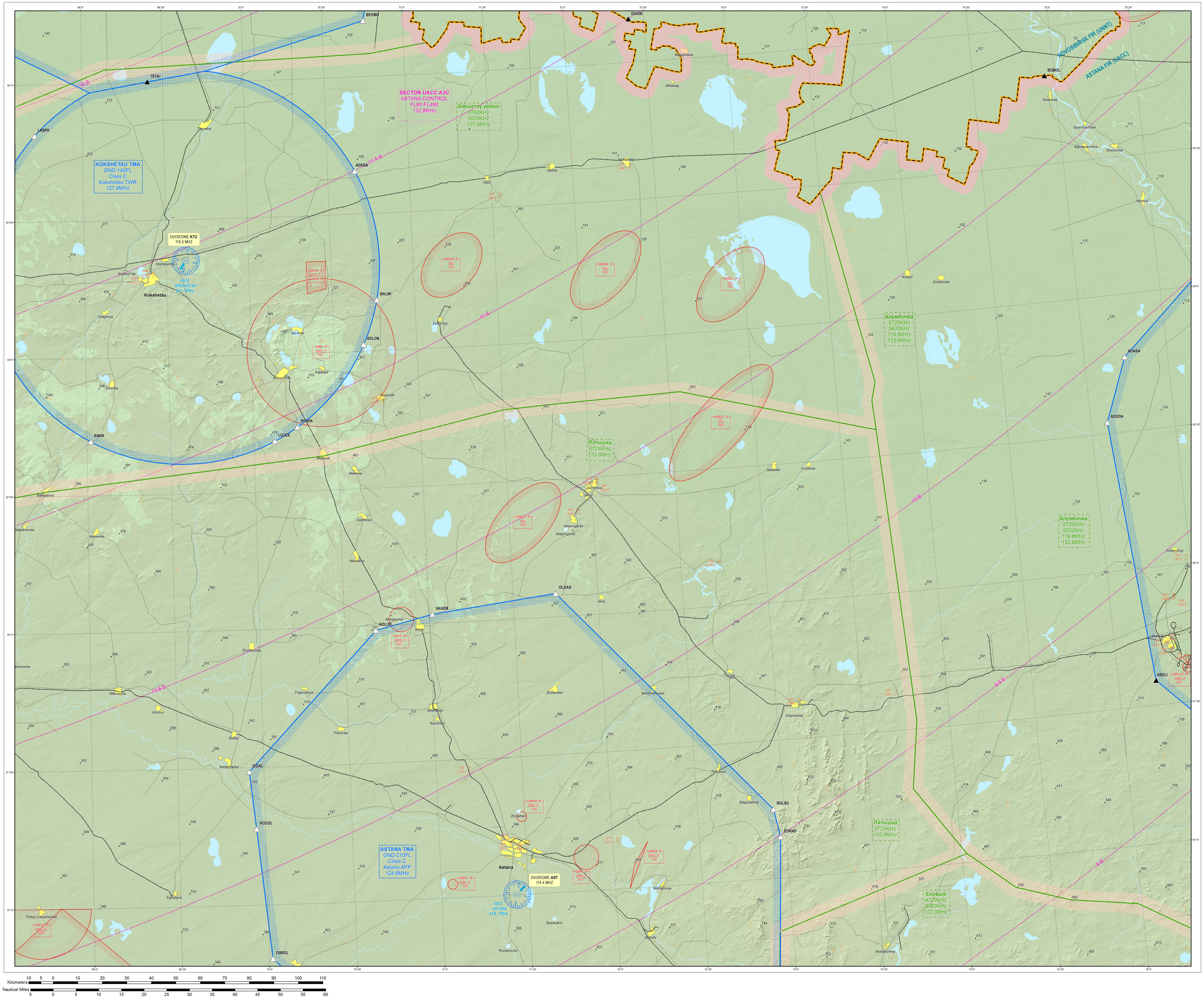
Elevation conversion

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


SECTOR UACC A3C
ASTANA CONTROL
FL90-FL490
132.8MHz
Кокшетау район
4760KHz
6528KHz
127.9MHz
KOKSHETAU TMA
GND-140FL
Class C
Kokshetau TWR
127.9MHz
DVOR/DME KTU
115.5 MHZ
UACC
KOKSHETAU
127.9MHz
Kokshetau
TETKI
ADEBA
LASPA
BEDMU
DAKIN
SOMOL
BALMI
ADLON
RENPA
LULEK
RIMIR
OLGAS
VAGEM
KOLUR
PIDAL
KODOL
OSROL
BOLSU
EDANO
ADASA
ADODA
ABELI
12 E
11.5 E
11 E
10.5 E
10 E
9.5 E
Tajynsha
Daut
Shchuchinsk
Stepnogorsk
Клумбочка
5720KHz
5632KHz
119.8MHz
133.6MHz
Латышка
5724KHz
133.8MHz
Еловый
4720KHz
6583KHz
122.0MHz
NOVOSIBIRSK FIR (UNNT)
ASTANA FIR (UACC)
ASTANA TMA
GND-210FL
Class C
Astana APP
124.6MHz
Astana
DVOR/DME AST
114.4 MHZ
UACC
ASTANA
118.7MHz
UAR56 R
1000 M
GND
UAR57 R
1000 M
GND
UAP1 P
2000 M
GND
Zholaman
Bozshakol
Romanovka
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
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
KAZAKHSTAN
C6
C7
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
UZBEKISTAN
E5
E6
KYRGYZSTAN
TURKMENISTAN

Index number B6

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39'' N 80°10'30'' E
7010 m

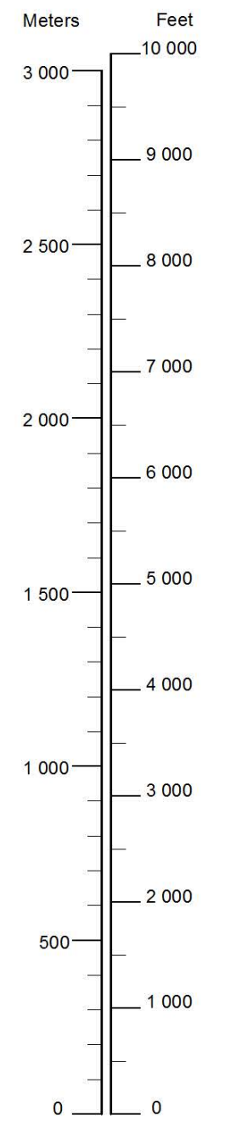
Coordinate system: WGS-84
Lambert conformal conic projection

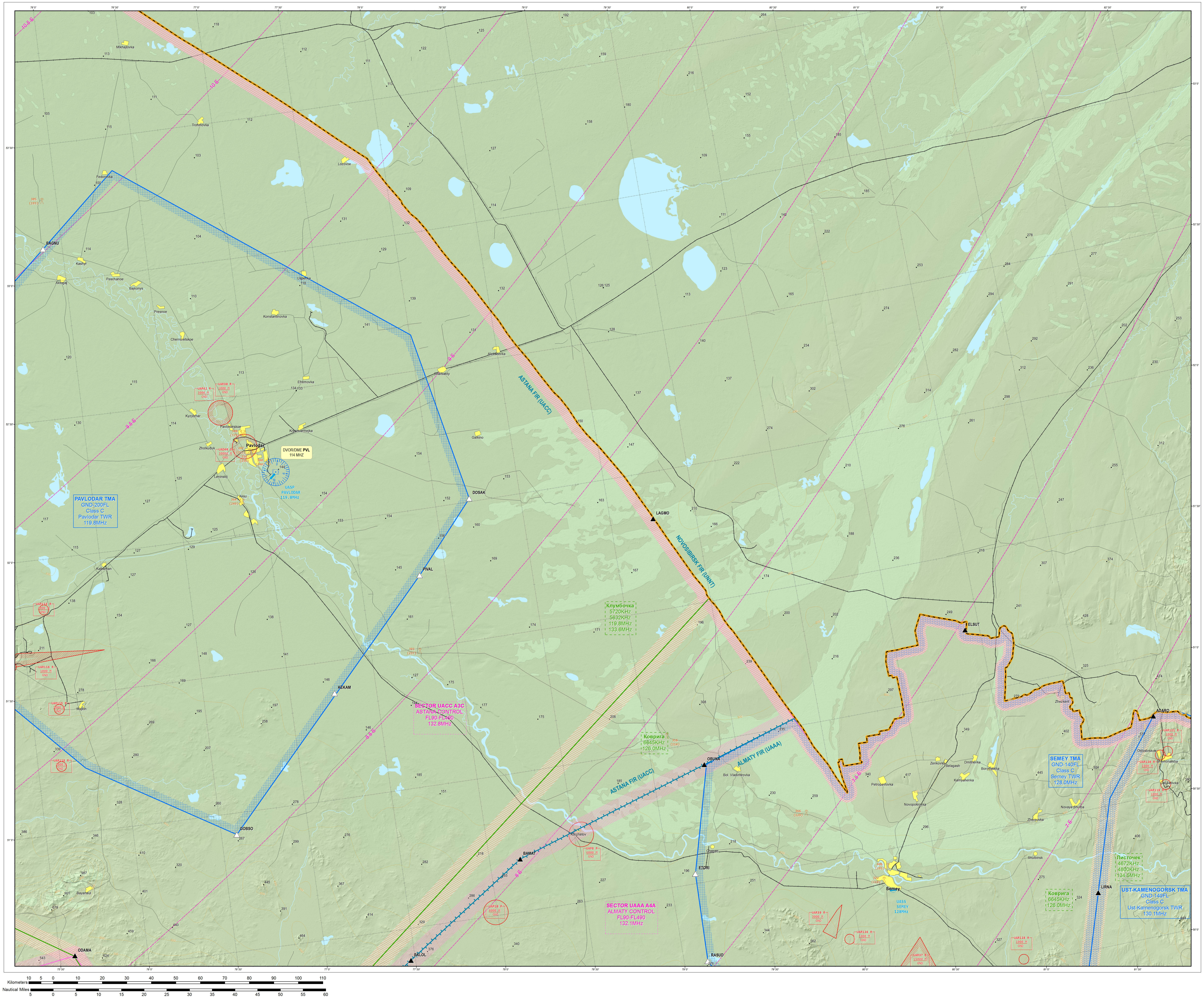
Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

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




Pavlodar
PAVLODAR TMA
GND-200FL
Class C
Pavlodar TWR
119.8MHz
DVOR/DME PVL
114 MHZ
UASP
PAVLODAR
119.8MHz
ASTANA FIR (UACC)
NOVOSIBIRSK FIR (UNNT)
ALMATY FIR (UAAA)
SECTOR UACC A3C
ASTANA CONTROL
FL90-FL490
132.8MHz
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL490
132.1MHz
SEMEY TMA
GND-140FL
Class C
Semey TWR
128.0MHz
UST-KAMENOGORSK TMA
GND-140FL
Class C
Ust-Kamenogorsk TWR
130.1MHz
Semey
UASS
SEMEY
128MHz
BAGNU
DOSAK
LAGMO
PIVAL
KEKAM
GOBSO
ODAMA
BAMAT
BALOL
OBUNA
ETORI
RASUD
ELSUT
ADARO
LIRNA
Клумбочка
Коврига
Листочек
Kilometers
Nautical Miles

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
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B6
B7
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C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number B7 Page 8 of 25

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

City or town

Railways

Roads

Isogonic line

Contour line

Lake

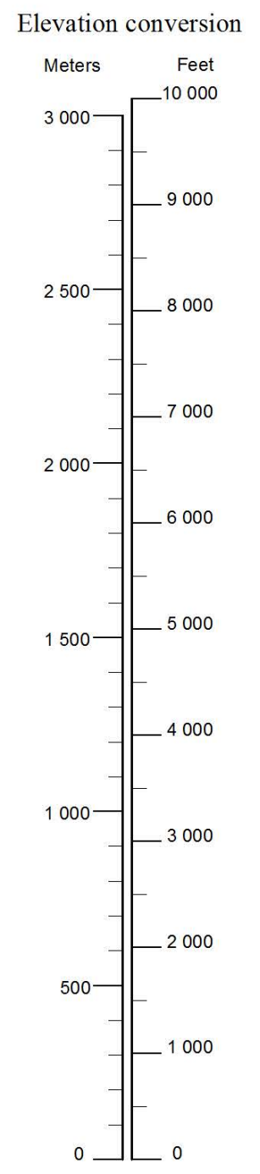
River

Forest

State Boundary

7000

0



Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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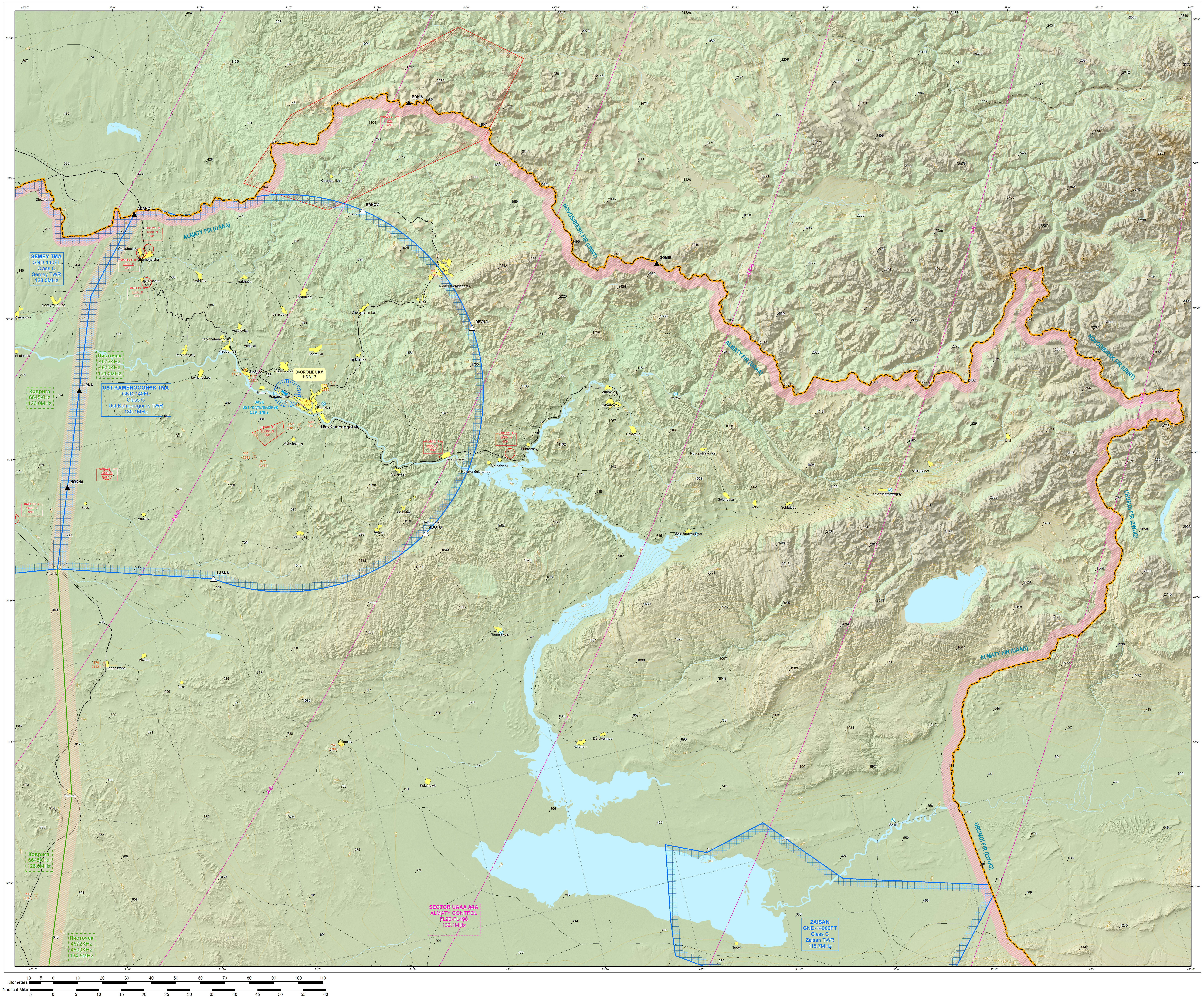
ALMATY FIR (UAAA)
NOVOSIBIRSK FIR (UNNT)
URUMQI FIR (ZWUQ)
SEMEY TMA
GND-140FL
Class C
Semey TWR
128.0MHz
UST-KAMENOGORSK TMA
GND-140FL
Class C
Ust-Kamenogorsk TWR
130.1MHz
UASK
UST-KAMENOGORSK
130.1MHz
DVOR/DME UKM
115 MHZ
Листочек
4672KHz
4800KHz
134.5MHz
Коврига
6645KHz
128.0MHz
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL460
132.1MHz
ZAISAN
GND-14000FT
Class C
Zaisan TWR
118.7MHz
BOKIS
ADARO
BANOV
GOMIR
DEVNA
LIRNA
NOKNA
LASNA
AGOTO
Ust-Kamenogorsk
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
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
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B2
B3
B4
B5
B6
B7
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C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C2 Page 9 of 25

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

🟨 City or town

Railways

Roads

Isogonic line

Contour line

Lake

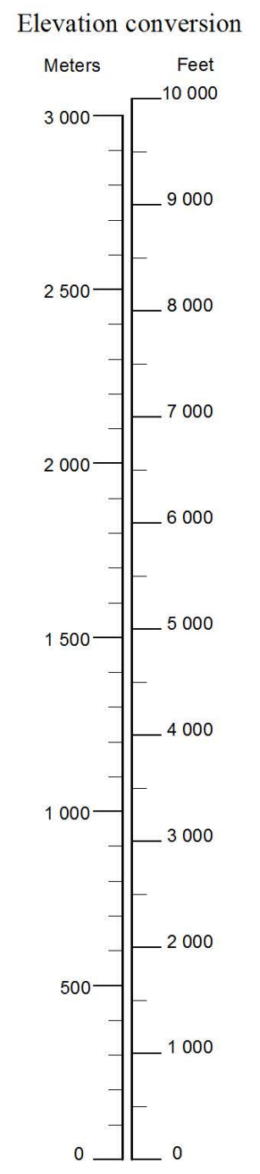
River

Forest

State Boundary

7000

0



Highest elevation
Khan Tengri
42°10'39'' N 80°10'30'' E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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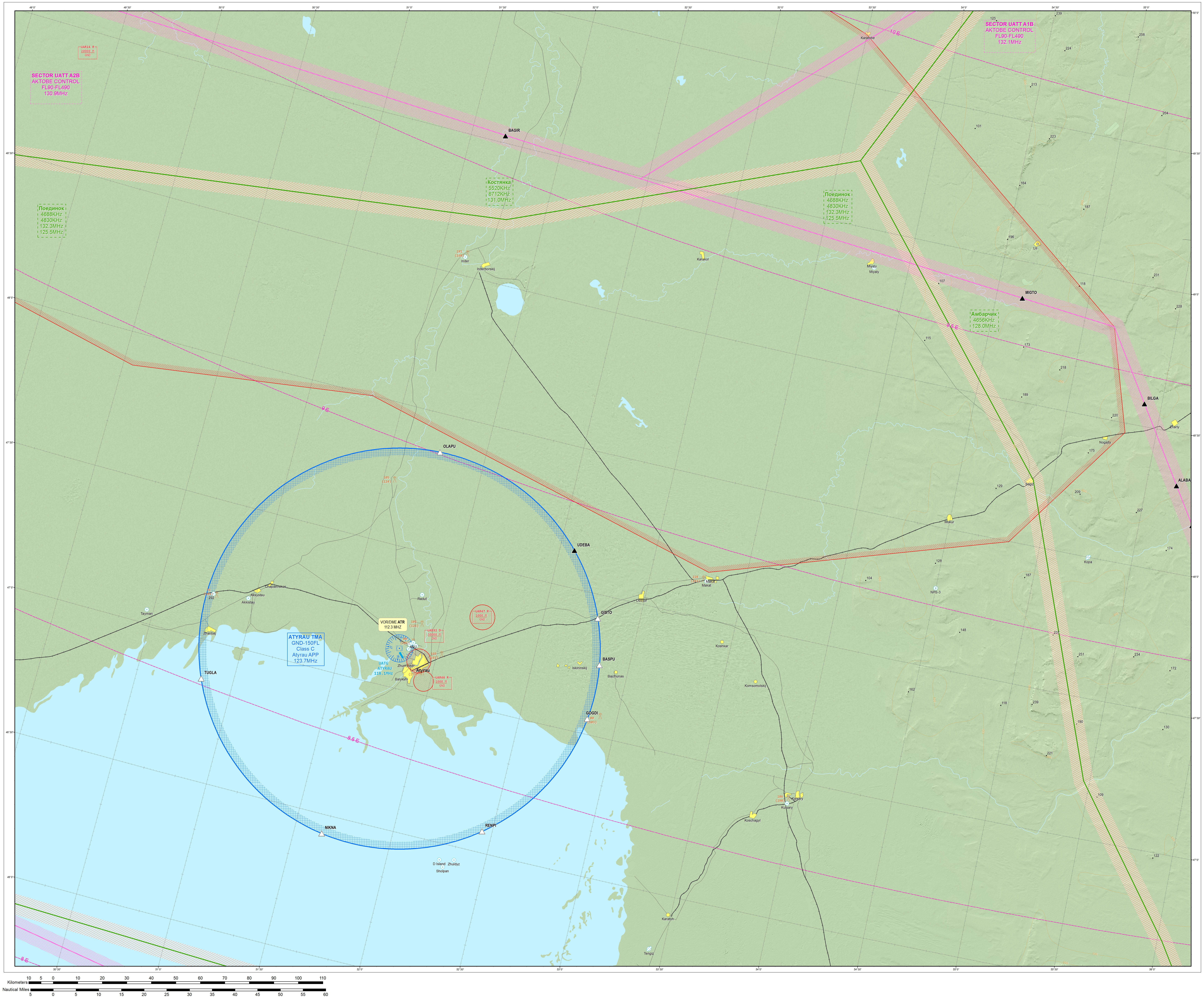
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AKTOBE CONTROL
FL90-FL490
130.9MHz
SECTOR UATT A1B
AKTOBE CONTROL
FL90-FL490
132.1MHz
Поединок
4688KHz
4830KHz
132.3MHz
125.5MHz
Костянка
5520KHz
8712KHz
131.0MHz
Амбарчик
4656KHz
128.0MHz
BAGIR
MIGTO
BILGA
ALABA
OLAPU
UDEBA
GISTO
BASPU
TUGLA
GOGDI
NIKNA
RENPI
ATYRAU TMA
GND-150FL
Class C
Atyrau APP
123.7MHz
VOR/DME ATR
112.3 MHZ
UATG
ATYRAU
118.1MHz
Atyrau
Inder
Inderborskij
Karabau
Karakol
Miyaly
Makat
Makur
Dossor
Koshkar
Komsomolskij
Iskininskij
Bajchunas
Kulsary
Koschagyl
Karaton
Tengiz
Zhanbai
Akkistau
Chapaevskoe
Taiman
Balykshi
Zhumysker
Dossor
Kopa
Zharly
Nogajty
Uil
Sagiz
NRS-3
D Island
Zhuldyz
Sholpan
8 E
8.5 E
9 E
9.5 E
10 E
10 5 0 10 20 30 40 50 60 70 80 90 100 110
Kilometers
Nautical Miles
5 0 5 10 15 20 25 30 35 40 45 50 55 60

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

A5
RUSSIA
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
KAZAKHSTAN
C6
C7
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E3
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C3

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

City or town

Railways

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

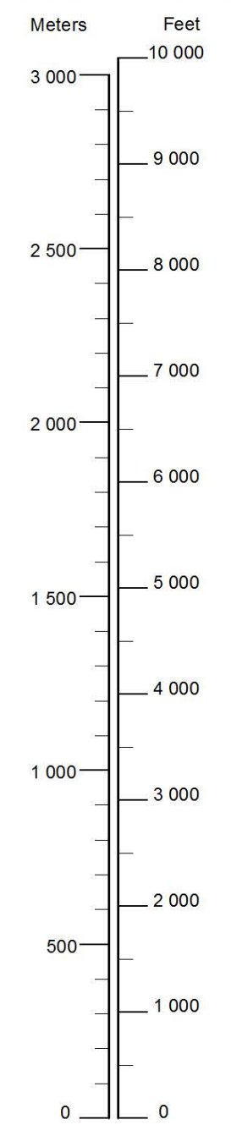
Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 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
2 500
2 000
1 500
1 000
500
0
10 000
9 000
8 000
7 000
6 000
5 000
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3 000
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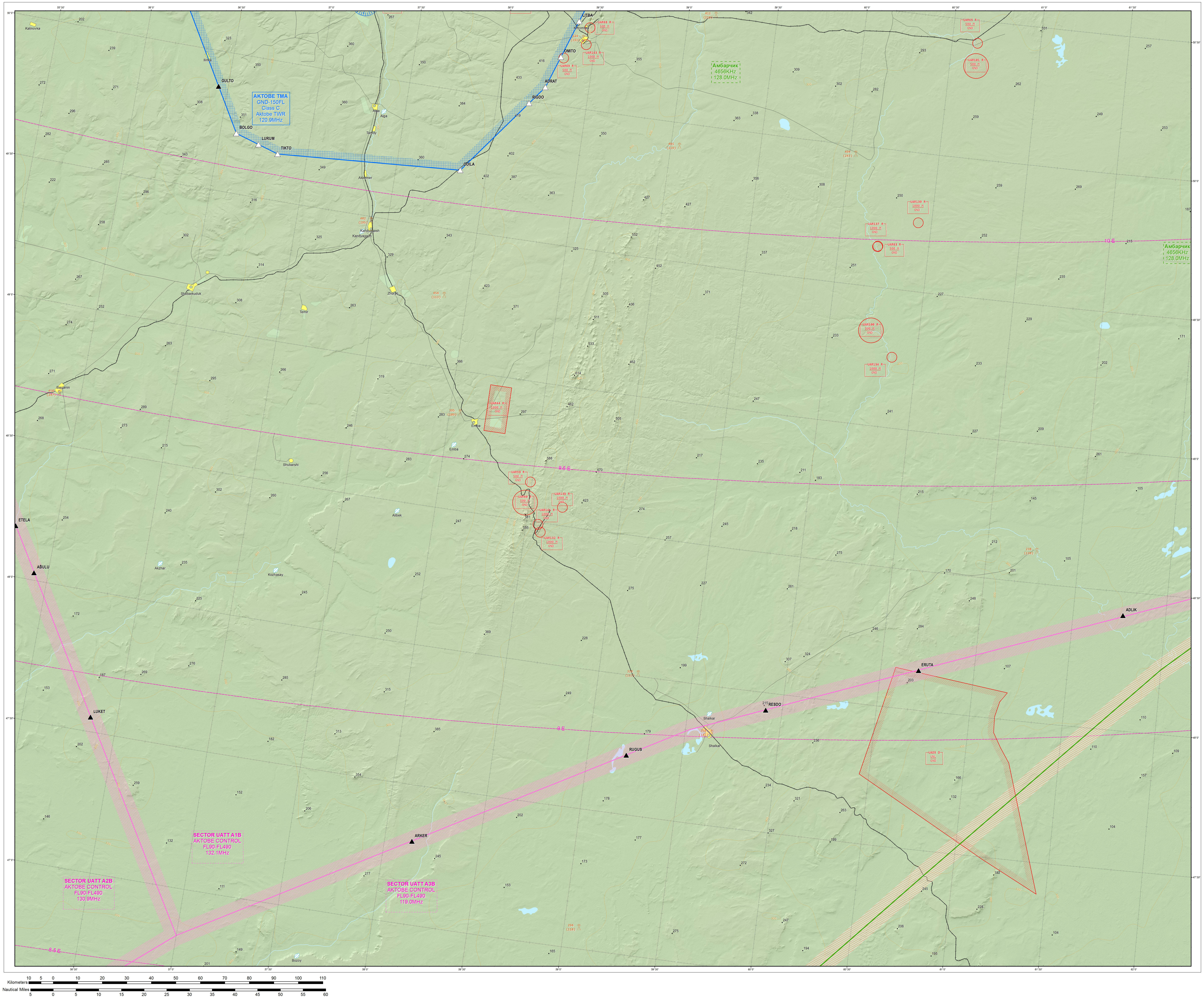
AKTOBE TMA
GND-150FL
Class C
Aktobe TWR
120.9MHz
LITBA
Khromtau
OMITO
ADRAT
RIGDO
ODILA
GULTO
BOLGO
LURUM
TIKTO
Ilinka
Alga
Tamdy
Akkemer
Kandyagash
Kandyagach
Shubarkuduk
Temir
Zhagra
Bayganin
Emba
Shubarshi
Alibek
Akzhar
Kozhasay
Shalkar
Bozoy
Kenkiyak
UAR68 R
500 M
GND
UAR69 R
500 M
GND
UAR143 R
1000 M
GND
UAR65 R
500 M
GND
UAR101 R
500 M
GND
UAR139 R
1000 M
GND
UAR137 R
1000 M
GND
UAR63 R
500 M
GND
UAR100 R
500 M
GND
UAR134 R
1000 M
GND
UAR44 R
1000 M
GND
UAR59 R
500 M
GND
UAR60 R
500 M
GND
UAR136 R
1000 M
GND
UAR141 R
1000 M
GND
UAR132 R
1000 M
GND
UAD5 D
UNL
GND
Амбарчик
4656KHz
128.0MHz
ETELA
ABULU
LUKET
ARKER
RUGUS
RESDO
ERUTA
ADLIK
SECTOR UATT A1B
AKTOBE CONTROL
FL90-FL490
132.1MHz
SECTOR UATT A2B
AKTOBE CONTROL
FL90-FL490
130.9MHz
SECTOR UATT A3B
AKTOBE CONTROL
FL90-FL490
119.0MHz
10 E
9.5 E
9 E
8.5 E
56°30'
57°0'
57°30'
58°0'
58°30'
59°0'
59°30'
60°0'
60°30'
61°0'
61°30'
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50°0'
49°30'
49°0'
48°30'
48°0'
47°30'
47°0'
Kilometers
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10
20
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110
Nautical Miles
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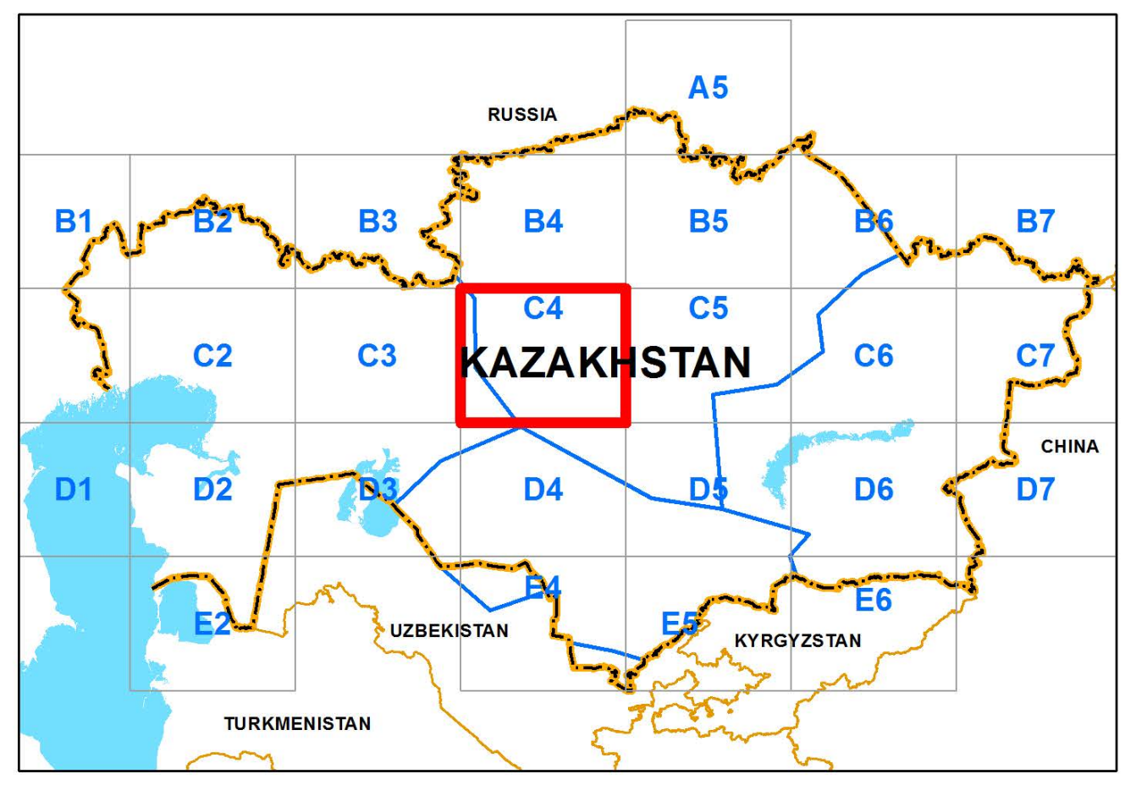
AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016


A5
RUSSIA
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B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C4

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Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39'' N 80°10'30'' E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
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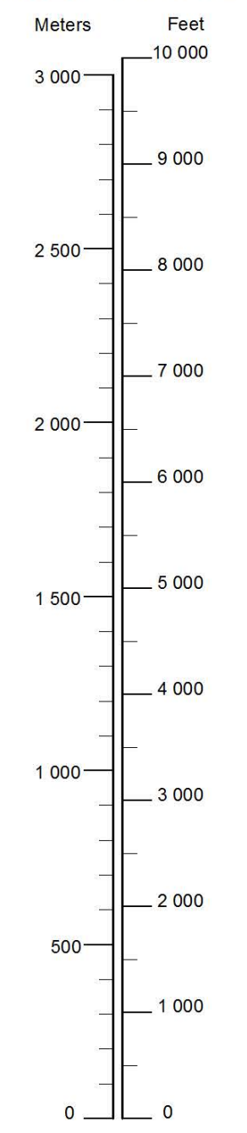
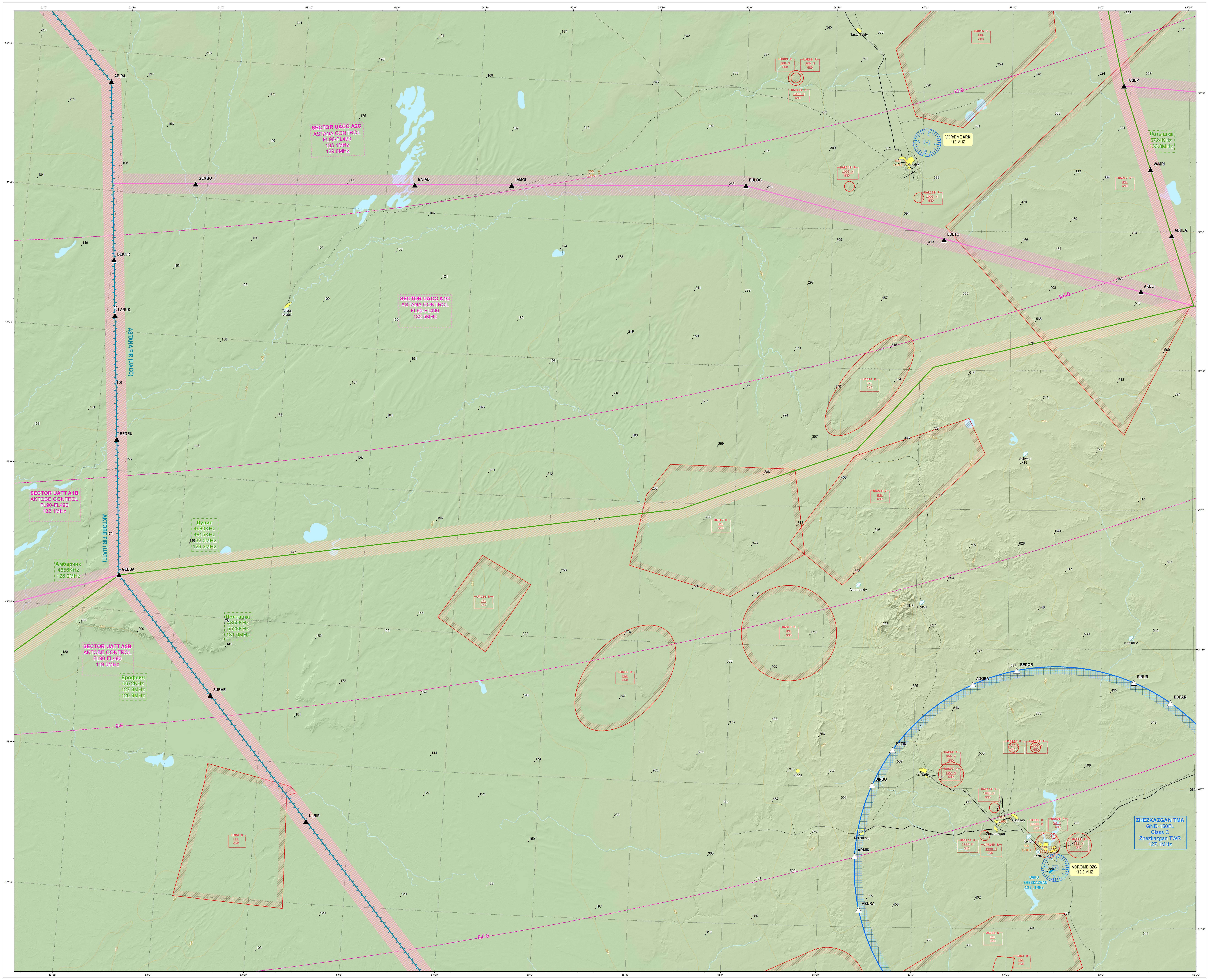
Elevation conversion

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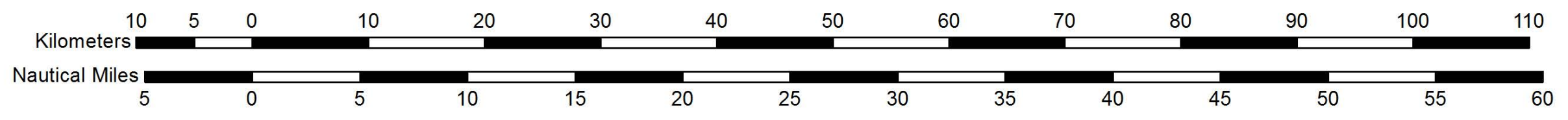
66°30'
67°0'
67°30'
68°0'
68°30'
50°30'
50°0'
49°30'
49°0'
48°30'
48°0'
47°30'
ABIRA
GEMBO
BATAD
LAMGI
BULOG
EDETO
AKELI
TUSEP
VAMRI
ABULA
BEKOR
LANUK
BEDRU
GEDSA
SURAR
ULRIP
ASTANA FIR (UACC)
AKTOBE FIR (UATT)
SECTOR UACC A2C
ASTANA CONTROL
FL90-FL490
133.1MHz
129.0MHz
SECTOR UACC A1C
ASTANA CONTROL
FL90-FL490
132.5MHz
SECTOR UATT A1B
AKTOBE CONTROL
FL90-FL490
132.1MHz
SECTOR UATT A3B
AKTOBE CONTROL
FL90-FL490
119.0MHz
Амбарчик
4656KHz
128.0MHz
Дунит
4680KHz
4815KHz
132.0MHz
129.3MHz
Полтавка
4850KHz
5528KHz
131.0MHz
Ерофеич
6672KHz
127.3MHz
120.9MHz
Латышка
5724KHz
133.8MHz
10 E
9.5 E
9 E
8.5 E
Turgaj
Torgay
Tasty-Taldy
Arkalyk
509
(194)
VOR/DME ARK
113 MHZ
UAR89 R 300 M GND
UAR88 R 300 M GND
UAR151 R 1000 M GND
UAR149 R 1000 M GND
UAR150 R 1000 M GND
UAD16 D UNL GND
UAD17 D UNL GND
UAD14 D
UAD15 D
UAD12 D
UAD18 D
UAD13 D
UAD11 D
UAD4 D
UAD26 D UNL GND
Amangeldy
Ashykol
Ulytau
Kopkol-2
ADOKA
BEDOR
RINUR
DOPAR
BETIK
DINBO
ARMIK
ABURA
UAR98 R 500 M GND
UAR97 R 500 M GND
UAR146 R 1000 M GND
UAR148 R 1000 M GND
UAR147 R 1000 M GND
UAR144 R 1000 M GND
UAR145 R 1000 M GND
UAD35 D 30000 M GND
UAR96 R 50 M GND
UAR99 R 350 M GND
Zhezdy
Satpaev
Zhezkazgan
Kengir
ZhNU
514
(100)
566
(210)
572
(229)
VOR/DME DZG
113.3 MHZ
UAKD
ZHEZKAZGAN
127.1MHz
ZHEZKAZGAN TMA
GND-150FL
Class C
Zhezkazgan TWR
127.1MHz


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
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60

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
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E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C5 Page 12 of 25

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- 🟨 City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0

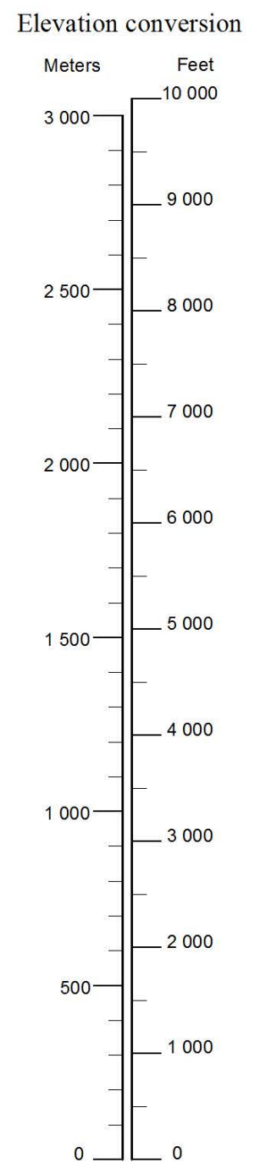
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

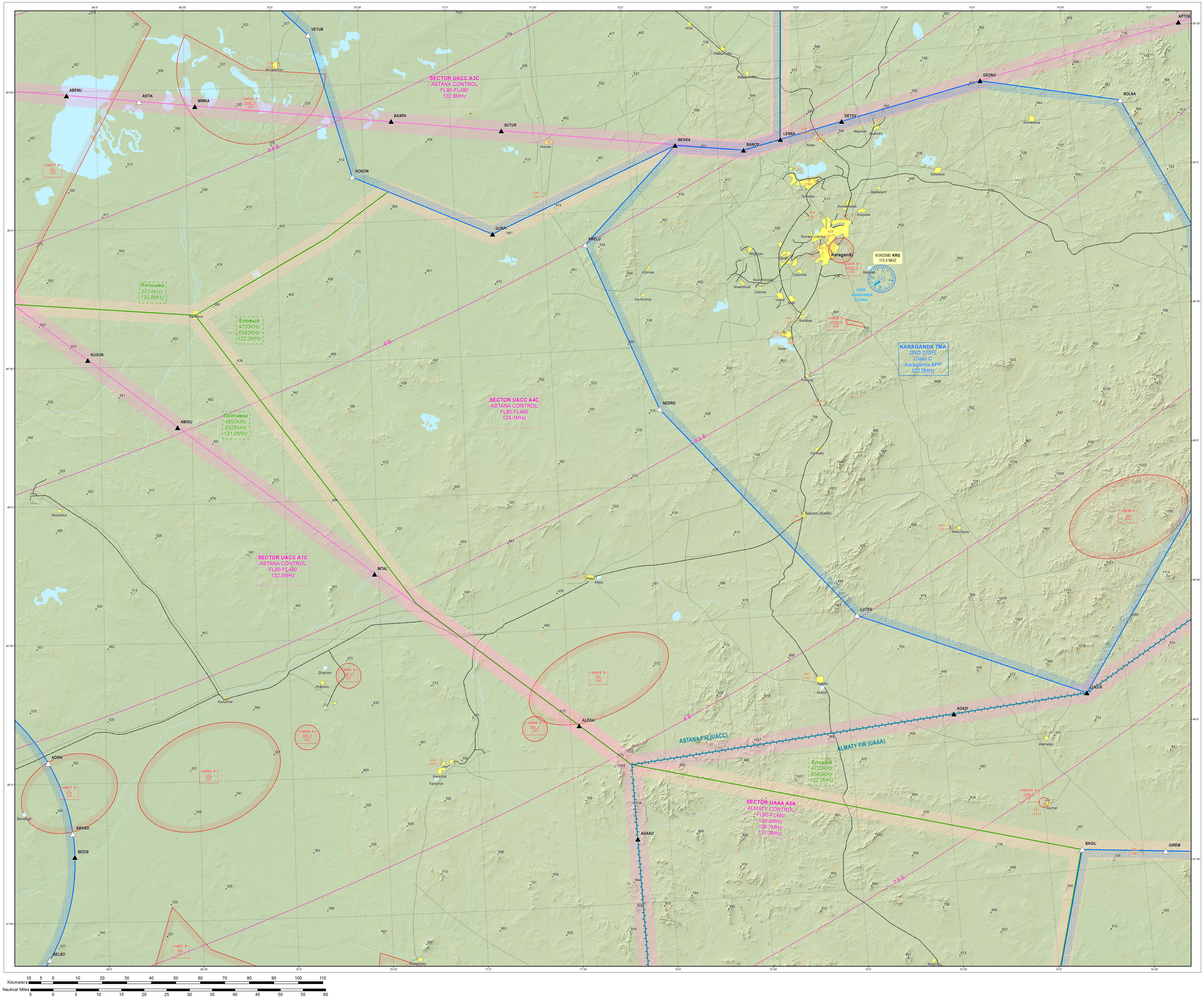
Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 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.

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MIMKA
VETUB
BASPA
SUTUR
KOKON
GURPI
BEDKA
BANOS
LESNA
DETOV
GEDNO
ROLNA
APTOK
AMELU
KUGUN
AMIGU
NEDRO
INTAL
LUTEK
LUKUS
AGADI
ALEGA
AGAKO
BAGIL
GIREM
ADRIK
AMASO
BEDIS
BELSO
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ASTANA CONTROL
FL90-FL490
132.8MHz
SECTOR UACC A4C
ASTANA CONTROL
FL90-FL490
124.1MHz
SECTOR UACC A1C
ASTANA CONTROL
FL90-FL490
132.5MHz
SECTOR UAAA A5A
ALMATY CONTROL
FL90-FL490
125.5MHz
129.7MHz
131.3MHz
KARAGANDA TMA
GND-210FL
Class C
Karaganda APP
122.0MHz
VOR/DME KRG
113.4 MHZ
UAKK
KARAGANDA
122MHz
Латышка
5724KHz
133.8MHz
Еловый
4720KHz
6583KHz
122.0MHz
Полтавка
4850KHz
5528KHz
131.0MHz
ASTANA FIR (UACC)
ALMATY FIR (UAAA)
UAP12 P
3000 M
GND
UAD17 D
UNL
GND
UAD39 D
10000 M
GND
UAR20 R
10000 M
GND
UAD29 D
UNL
GND
UAD30 D
UNL
GND
UAR93 R
500 M
GND
UAR94 R
500 M
GND
UAR95 R
500 M
GND
UAD27 D
UNL
GND
UAD28 D
UNL
GND
UAD1 D
UNL
GND
UAR153 R
1000 M
GND
9.5 E
9 E
8.5 E
8 E
7.5 E
Korgalzhyn
Kievka
Barshino
Anar
Osakarovka
Batpaktinskij
Aktau
Majozek
Kushoky
Korneevka
Temirtau
Botakara
Bajkadam
Kompanejsk
Kokpekti
Novaya Uzenka
Karagandy
Shakhan
Saran
Intymak
Dubovka
Balapan
Novodolinskij
Shakhtinsk
Dolinka
Izumrudnyj
Volnyj
Abaj
Karabas
Topar
Yuzhnyj
Dariinskij
Sejfullin (Zharyk)
Aksu-Ayuly
Shubarkol
Atasu
Zhayrem
Kyzylzhar
Agadyr
Akadyr
Akchatau
Akzhal
Karazhal
Barsengir
Shalginskij
Mojynty
Kilometers
10
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90
100
110
Nautical Miles
5
0
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10
15
20
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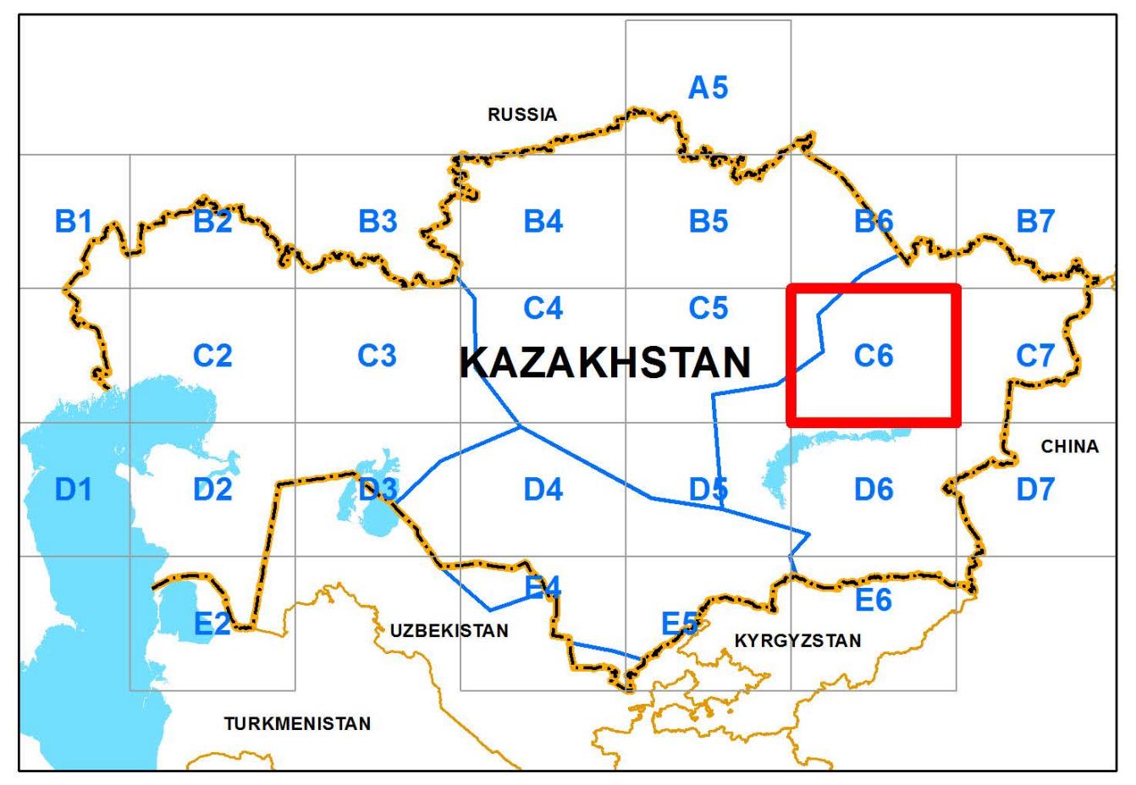
AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016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C7
CHINA
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D3
D4
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D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C6

Page 13 of 25

Legend

◐ Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

⊘ 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

426 (112) Elevation above MSL in meters
Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

City or town

Railways

Roads

Isogonic line

Contour line

Lake

River

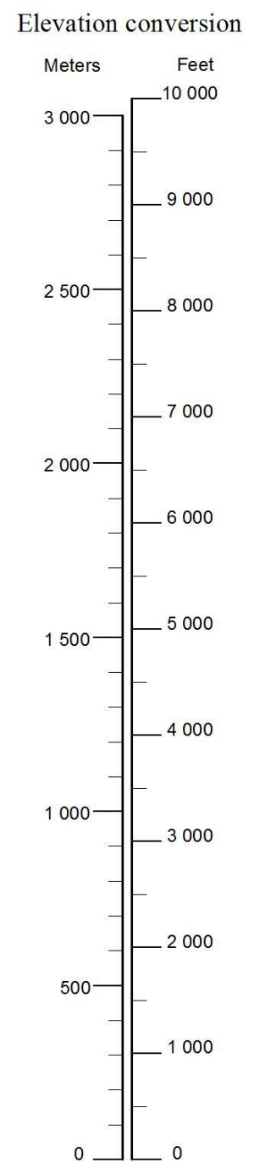
Forest

State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m



Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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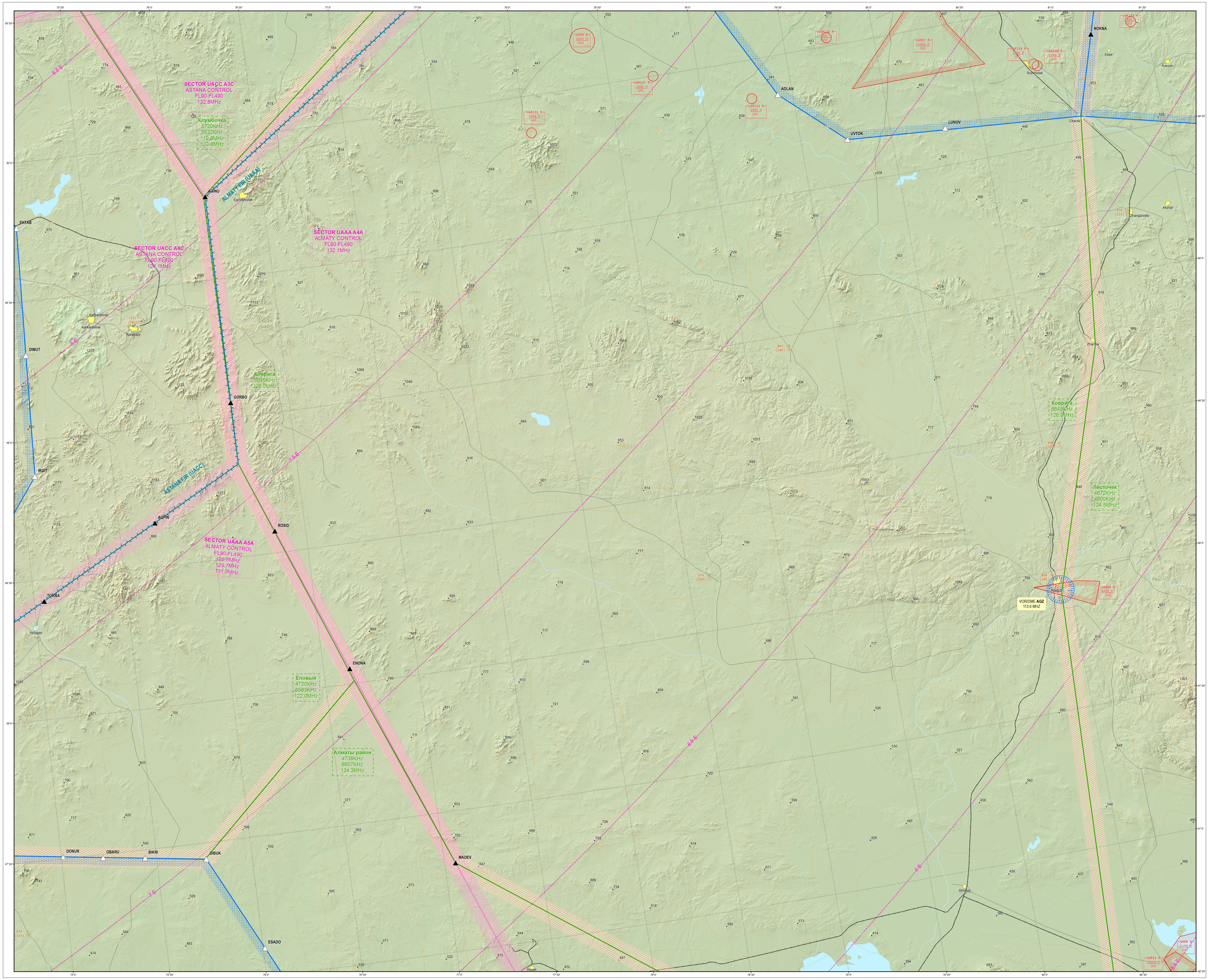
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ASTANA CONTROL
FL90-FL490
132.8MHz
Клумбочка
5720KHz
5632KHz
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133.6MHz
AGINU
ALMATY FIR (UAAA)
Egindybulak
SECTOR UACC A4C
ASTANA CONTROL
FL90-FL490
124.1MHz
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL490
132.1MHz
EKTAB
DIMUT
IRGIT
Karkaralinsk
Karagaily
Коврига
6645KHz
126.0MHz
GORBO
ASTANA FIR (UACC)
AGPIN
ROSID
SECTOR UAAA A5A
ALMATY CONTROL
FL90-FL490
125.5MHz
129.7MHz
131.3MHz
TOKNA
Aktogay
ENONA
Еловый
4720KHz
6583KHz
122.0MHz
Алматы район
4736KHz
6607KHz
134.3MHz
DONUR
OBARU
BIKRI
DIBUK
MADEV
ESADO
Sayak
ADLAN
UVTOK
LUNOV
NOKNA
Charsk
Zharma
Листочек
4672KHz
4800KHz
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VOR/DME AGZ
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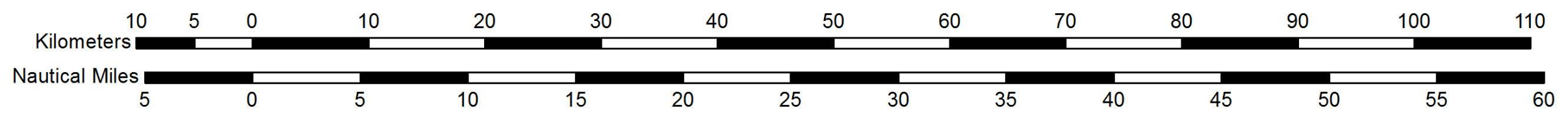
6000 M
GND
Ekpe
Zhangiztobe
Aktogay
Ayakoz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Nautical Miles
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AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

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A5
B1
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B4
B5
B6
B7
C2
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C5
C6
C7
KAZAKHSTAN
D1
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D3
D4
D5
D6
D7
CHINA
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number C7 Page 14 of 25

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

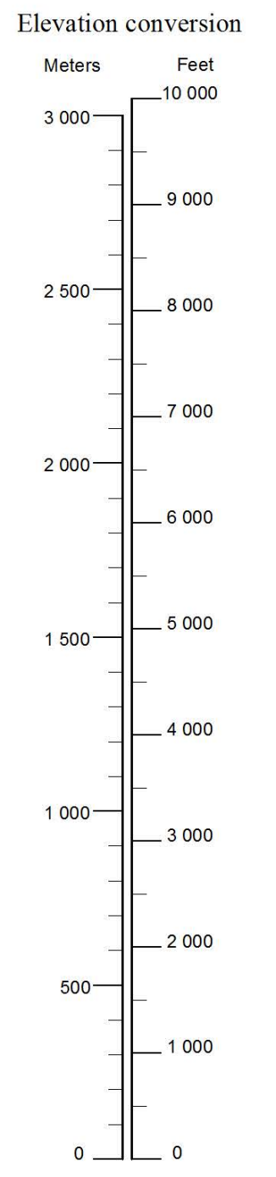
- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0


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

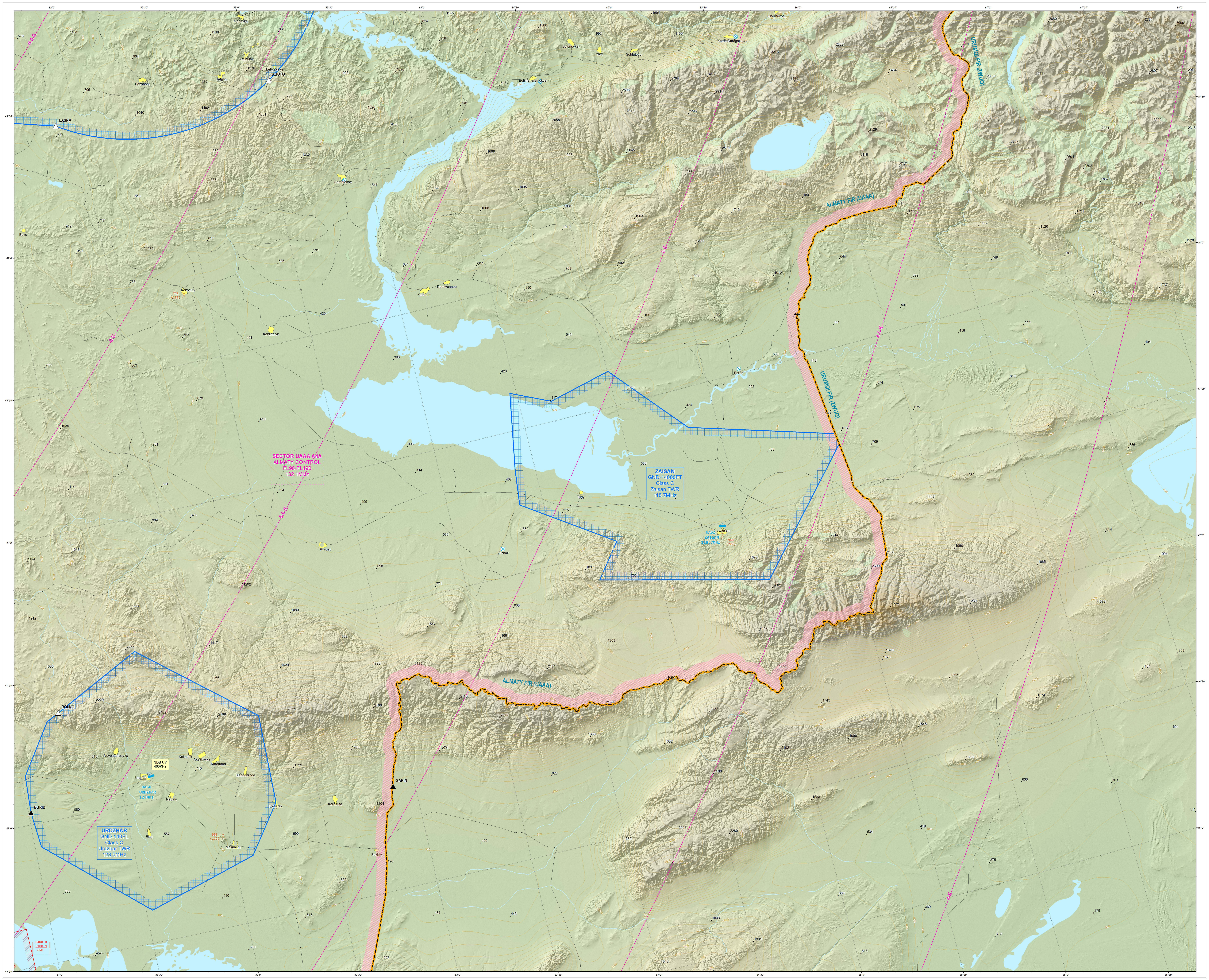
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 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.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82°30'
83°0'
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48°0'
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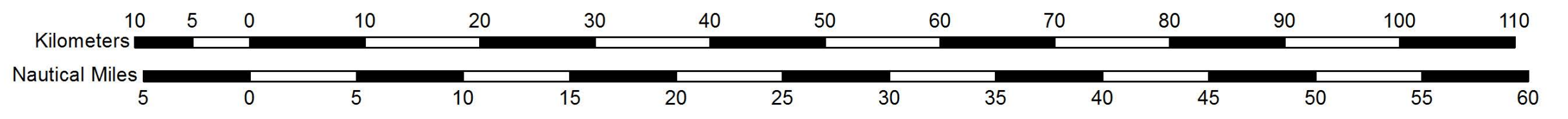
47°0'
46°30'
LASNA
ABOTO
Ognevka
Asubulak
Belogorskij
Targyn
Bozanbaj
Boke
Kokpekty
752
(198)
Kokzhajyk
Samarskoe
Kurchum
Darstvennoe
Bolshenarymskoe
Solonovka
Yary
Soldatovo
Katon-Karagay
Chernovoe
6.5 E
6 E
5.5 E
5 E
4.5 E
ALMATY FIR (UAAA)
URUMQI FIR (ZWUQ)
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL490
132.1MHz
ZAISAN
GND-14000FT
Class C
Zaisan TWR
118.7MHz
Tugyl
Boran
Akzhar
UASZ
ZAISAN
118.7MHz
Zajsan
948
(227)
BOLNO
BURID
Novoandreevka
Kokozek
Aksakovka
Karatuma
Blagodarnoe
NDB UV
460KHz
Urdzhar
UASU
URDZHAR
123MHz
Naualy
Kokterek
Eltaj
901
(179)
Makanchi
URDZHAR
GND-140FL
Class C
Urdzhar TWR
123.0MHz
UAD8 D
5100 M
GND
Karabuta
SARIN
Bakhty


Kilometers
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90
100
110
Nautical Miles
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20
25
30
35
40
45
50
55
60

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
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B5
B6
B7
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C5
KAZAKHSTAN
C6
C7
CHINA
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D6
D7
E2
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E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number D1

Legend

◐	Aerodromes with paved runway
UACC ASTANA 118.7MHz	Location indicator Name of AD TWR frequency
⊘	Grass runway
⊗	Abandoned runway
Ⓗ	Helicopter landing site

Reporting point

▲	Compulsory
△	On request

Radio navigation aids

◎	Non-directional radio beacon (NDB)
⊡	Colocated VOR and DME
0 27 9 18	Compas rose

Obstacles

⩚	Lighted group obstacles
⩚	Lighted obstacles
426 (112)	Elevation above MSL in meters Height above GND in meters

Airspace

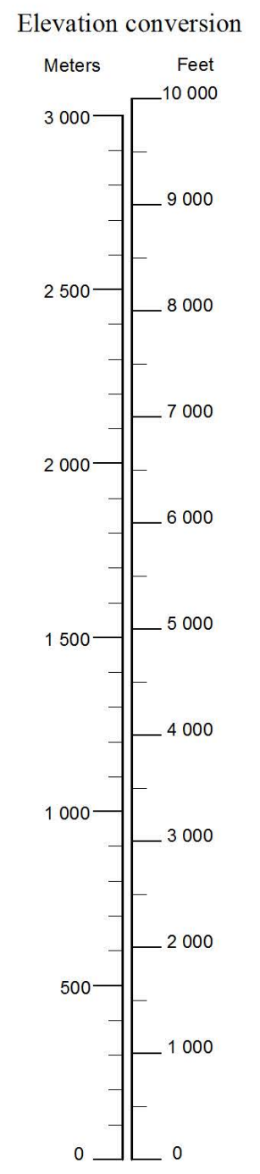
┴┴┴┴	Flight information region (FIR)
▭	Terminal control area (TMA)
▭	Sector airspace
▭	MDP airspace (МДП)
▭	Danger,Prohibited,Restricted areas

Topography & Culture

896	Spot elevation
🟨	City or town
┼┼┼	Railways
—	Roads
- - -	Isogonic line
—	Contour line
🟦	Lake
—	River
🟩	Forest
━·━·━	State Boundary

7000

0


Elevation conversion
Meters
Feet
3 000
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2 000
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Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

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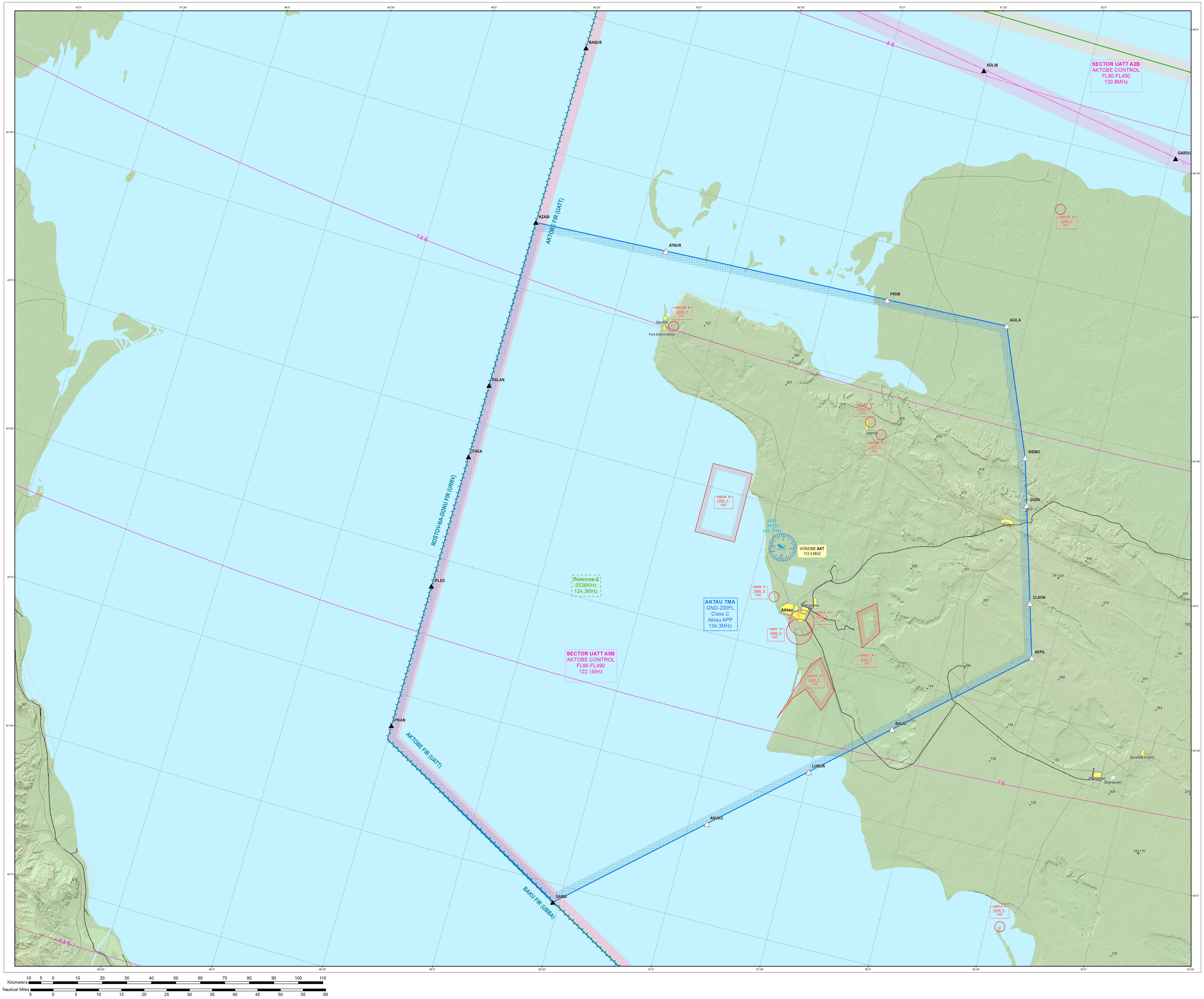
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44°0'
43°30'
43°0'
42°30'
42°0'
BABUR
KOLIB
GARDU
8 E
7.5 E
7 E
6.5 E
SECTOR UATT A2B
AKTOBE CONTROL
FL90-FL490
130.9MHz
AZABI
AKTOBE FIR (UATT)
ATNUR
PIRIM
AGILA
UAR107 R
1000 M
GND
UAR109 R
1000 M
GND
Bautino
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201
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GND
Tauchik
UAR106 R
1000 M
GND
RALAN
ITAKA
RIBMO
216
473
GIGRI
335
Shetpe
UAR26 R
1000 M
GND
UATE
AKTAU
120.7MHz
VOR/DME AKT
113.3 MHZ
ROSTOV-NA-DONU FIR (URRV)
IPLED
Лопоток-2
5536KHz
134.3MHz
AKTAU TMA
GND-200FL
Class C
Aktau APP
134.3MHz
UAP6 P
2000 M
GND
Aktau
Mangystau
229
(235)
UAP13 P
6000 M
GND
UAP7 P
6000 M
GND
160
191
510
341 331
269
267
274
ULSON
120
130
NEPIL
UAR27 R
2000 M
GND
154
114
260
201
UAR25 R
3000 M
GND
SECTOR UATT A5B
AKTOBE CONTROL
FL90-FL490
122.1MHz
PIKAN
AKTOBE FIR (UATT)
BALIG
244
142
134
162
Kyzylsaj (Uzen)
Zhanaozen
Zhanaozen
206
274
LUMUR
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AKUKU
162 170
GASBI
BAKU FIR (UBBA)
UAP14 P
2000 M
GND
135
Kilometers
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Nautical Miles
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AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

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B4
B5
B6
B7
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C3
C4
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C7
KAZAKHSTAN
CHINA
D1
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D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number D2 Page 16 of 25

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

City or town

Railways

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
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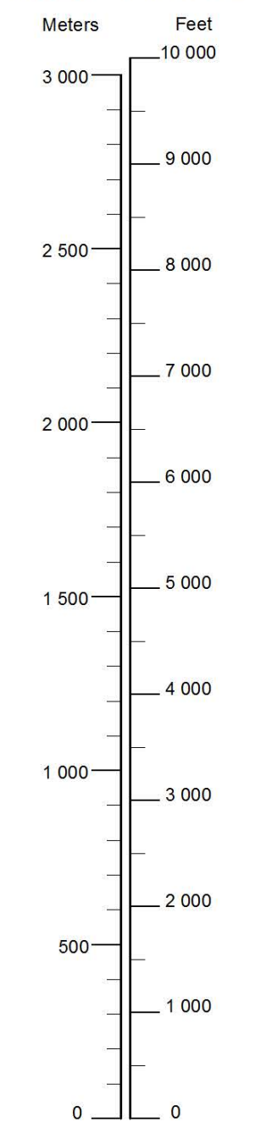
Elevation conversion


Meters
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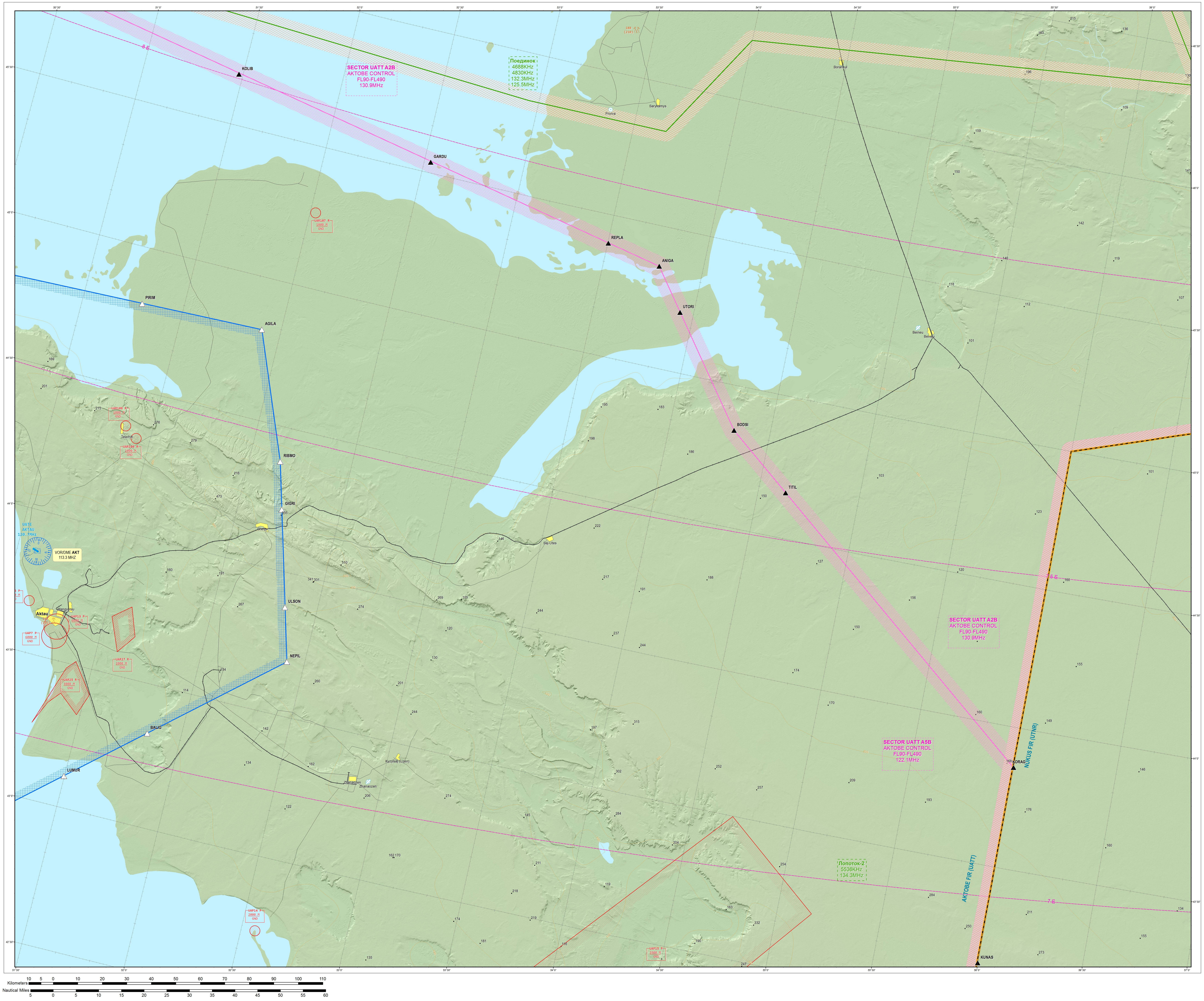
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AKTOBE CONTROL
FL90-FL490
130.9MHz
Поединок
4688KHz
4830KHz
132.3MHz
125.5MHz
KOLIB
GARDU
REPLA
ANIGA
UTORI
BODSI
TITIL
KORAG
KUNAS
PIRIM
AGILA
RIBMO
GIGRI
ULSON
NEPIL
BAUG
LUMUR
Sarykamys
Beineu
Sai-Utes
Shetpe
UATE
AKTAU
120.7MHz
VOR/DME AKT
113.3 MHZ
Aktau
Mangystau
UAP13 P
6000 M
GND
UAP7 P
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GND
UAR27 R
2000 M
GND
UAR25 R
3000 M
GND
Zhanaozen
Kyzylsay (Uzen)
SECTOR UATT A5B
AKTOBE CONTROL
FL90-FL490
122.1MHz
Лопоток-2
5536KHz
134.3MHz
NUKUS FIR (UTNR)
AKTOBE FIR (UATT)
51°30'
52°0'
52°30'
53°0'
55°30'
56°0'
44°30'
44°0'
43°30'
43°0'
42°30'
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110
Kilometers
Nautical Miles
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AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

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RUSSIA
B1
B2
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B7
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C3
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C6
C7
KAZAKHSTAN
CHINA
D1
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D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number D3　　Page 17 of 25

Legend

- ◐ Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- ⊘ 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

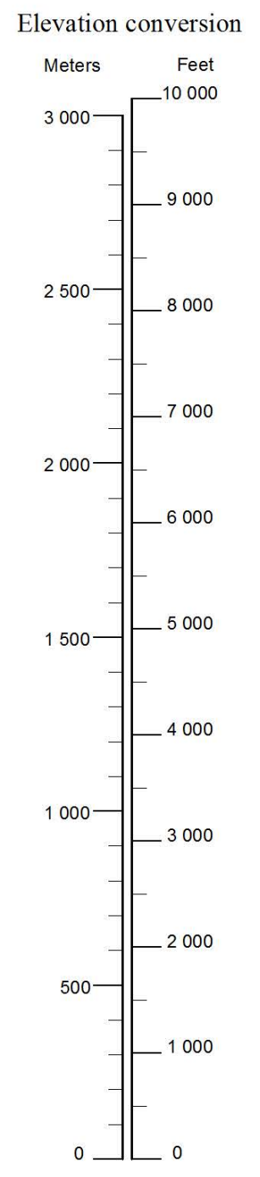
Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000
0


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

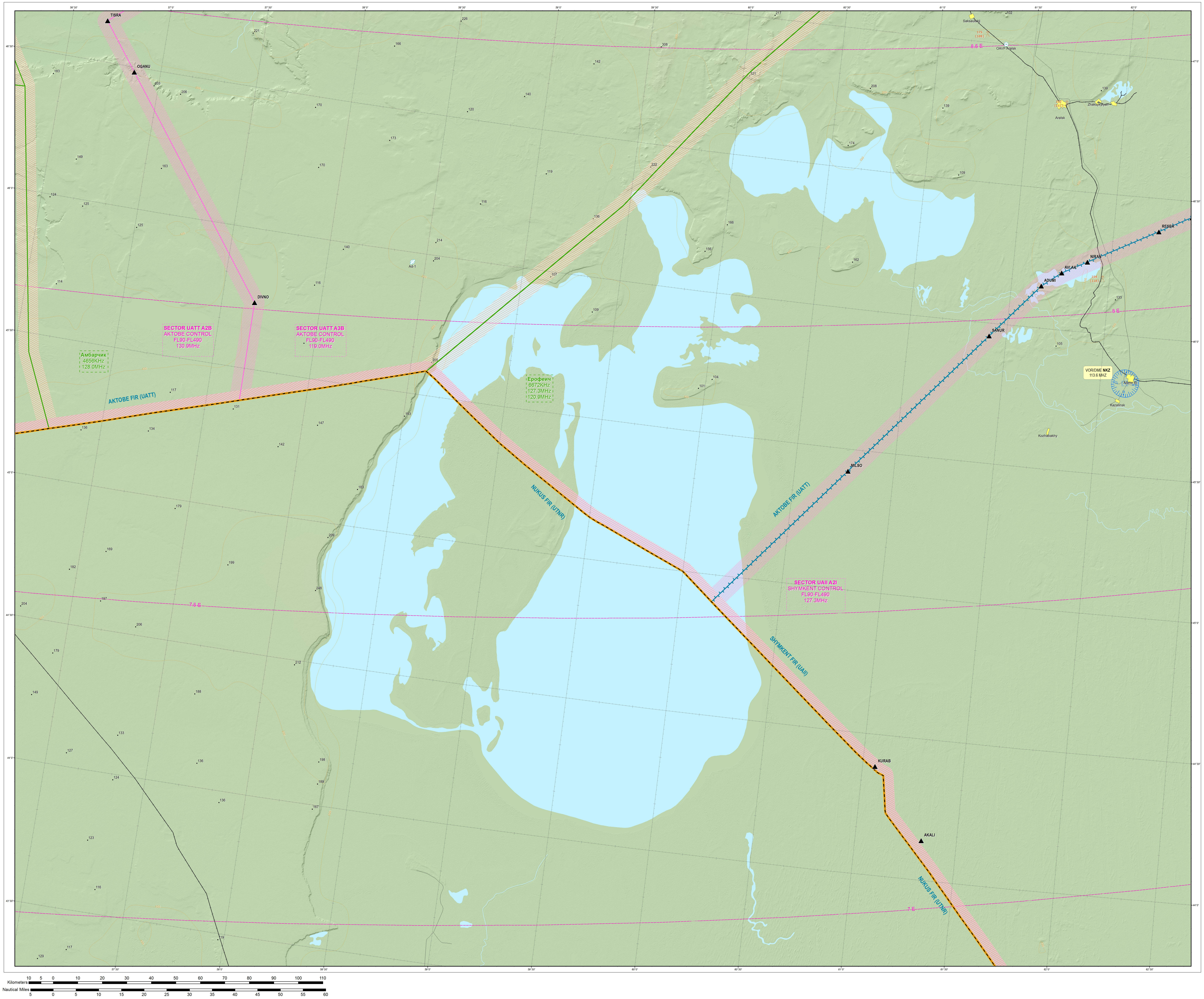
Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 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.


TISRA
OGANU
DIVNO
SECTOR UATT A2B
AKTOBE CONTROL
FL90-FL490
130.9MHz
SECTOR UATT A3B
AKTOBE CONTROL
FL90-FL490
119.0MHz
Амбарчик
4656KHz
128.0MHz
Ерофеич
6672KHz
127.3MHz
120.9MHz
AKTOBE FIR (UATT)
NUKUS FIR (UTNR)
SHYMKENT FIR (UAII)
SECTOR UAII A2I
SHYMKENT CONTROL
FL90-FL490
127.3MHz
AKTOBE FIR (UATT)
RESSA
NIRAN
AVLAK
ADUMI
SANUR
MILBO
KURAB
AKALI
NUKUS FIR (UTNR)
Saksaulskiy
OAVP Aralsk
Aralsk
Zhaksykylysh
VOR/DME NKZ
113.6 MHZ
Kazalinsk
Kozhabakhy
Ad-1
8.5 E
8 E
7.5 E
7 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
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
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KAZAKHSTAN
CHINA
D1
D2
D3
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E5
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UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number D4 Page 18 of 25

Legend

◐ Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

⊘ 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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

▭ Terminal control area (TMA)

▭ Sector airspace

▭ MDP airspace (МДП)

▭ Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

🟨 City or town

Railways

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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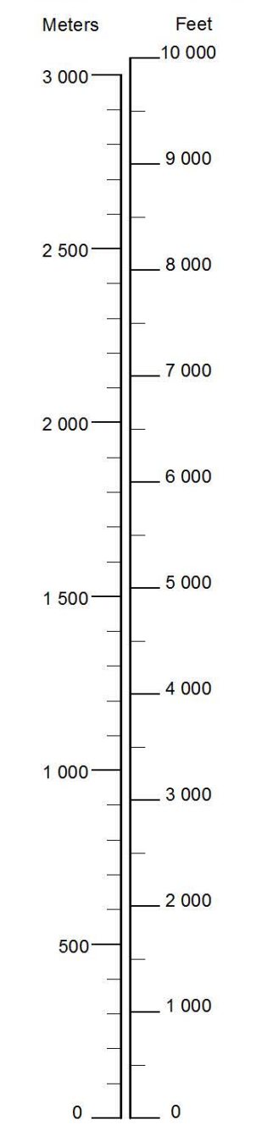
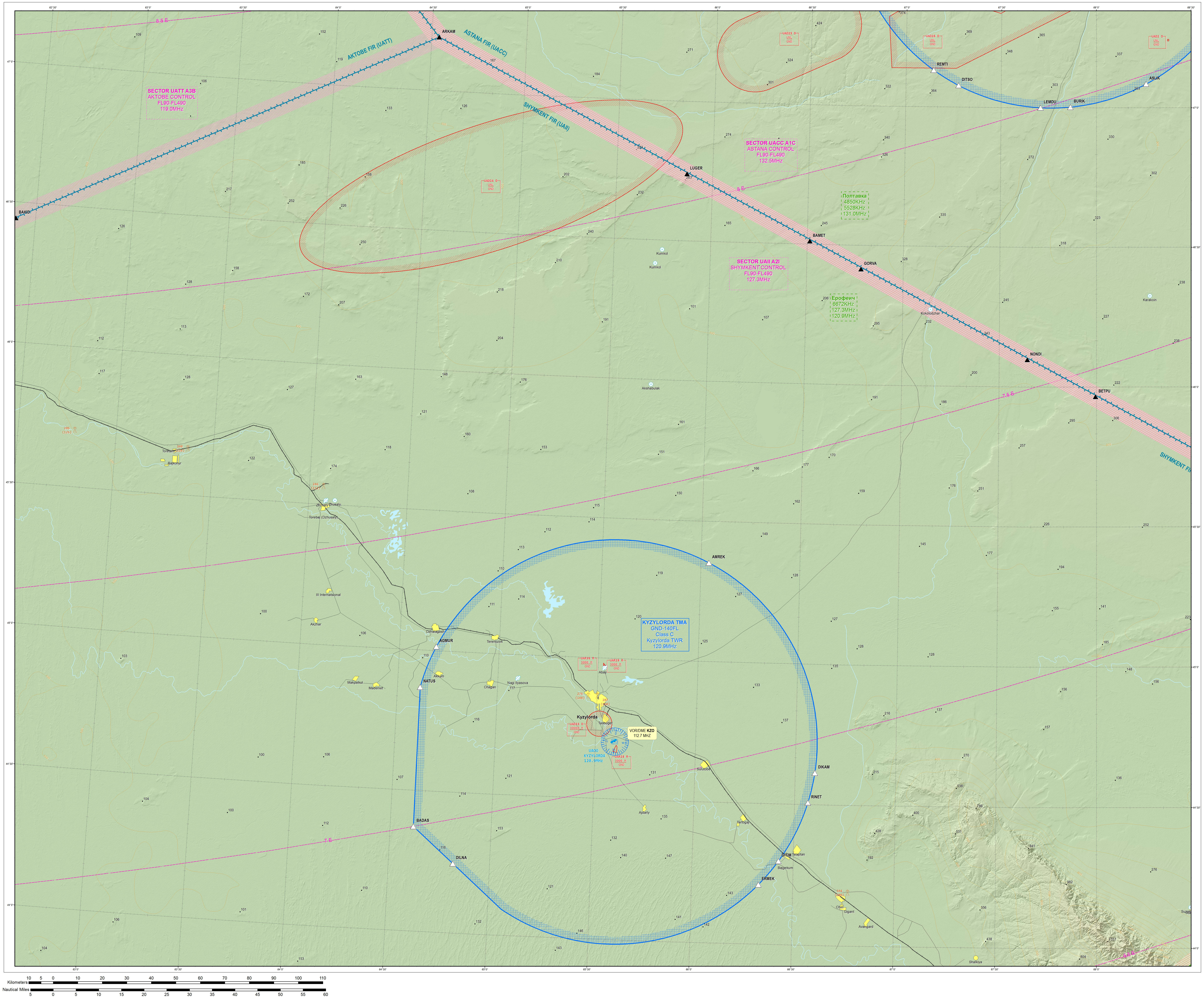
Elevation conversion





AKTOBE FIR (UATT)
ASTANA FIR (UACC)
SHYMKENT FIR (UAII)
ARKAM
BAKID
LUGER
BAMET
GORVA
NONDI
BETPU
REMTI
DITSO
LEMDU
BURIK
ASLIK
AMREK
AGMUR
NATUS
BADAS
DILNA
ERMEK
OTEM
RINET
DIKAM
SECTOR UATT A3B
AKTOBE CONTROL
FL90-FL490
119.0MHz
SECTOR UACC A1C
ASTANA CONTROL
FL90-FL490
132.5MHz
SECTOR UAII A2I
SHYMKENT CONTROL
FL90-FL490
127.3MHz
Полтавка
4850KHz
5528KHz
131.0MHz
Ерофеич
6672KHz
127.3MHz
120.9MHz
KYZYLORDA TMA
GND-140FL
Class C
Kyzylorda TWR
120.9MHz
VOR/DME KZO
112.7 MHZ
UAOO
KYZYLORDA
120.9MHz
UAR36 R
3000 M
GND
UAR29 R
3000 M
GND
UAD33 D
30000 M
GND
UAR28 R
3000 M
GND
UAD34 D
UAD23 D
UAD24 D
UAD3 D
Kyzylorda
Tasbuget
Abay
Sulutobe
Ajdarly
Zhosaly
Terenozek
Dzhalagash
Akkum
Chagan
Nagi Ilyasova
Makpalkol
Madeniet
Akzhar
Tomarin
Belkonyr
Kumkol
Akshabulak
Karakon
Kokoldzhar
Shieli
Baigekum
Tasaryk
276
(148)
287
(160)
8 E
8.5 E
7.5 E
7 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
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

A5
RUSSIA
B1
B2
B3
B4
B5
B6
B7
C2
C3
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C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number D5

Legend

- ◐ Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- ⊘ 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
- 426 (112) Elevation above MSL in meters
  Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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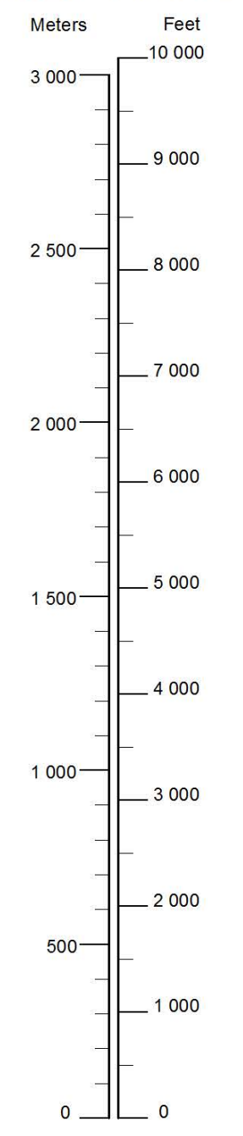
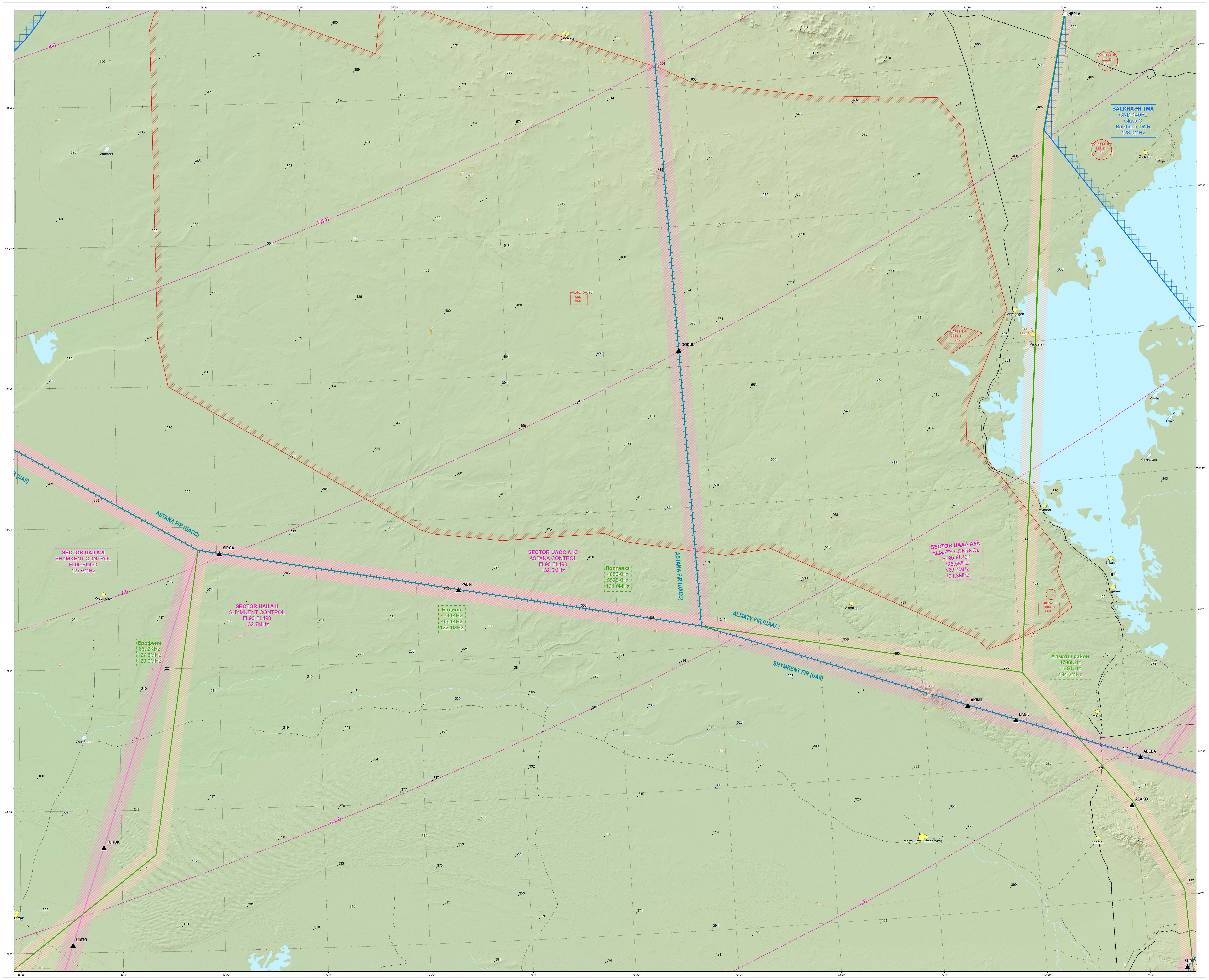
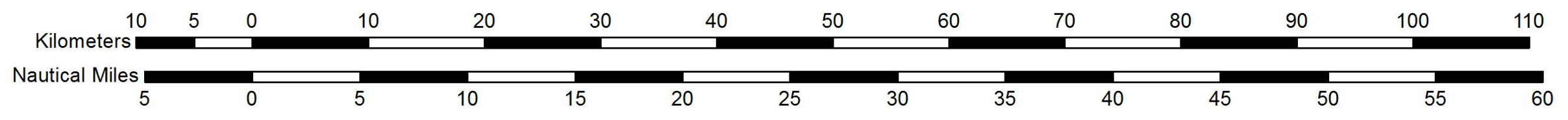
Elevation conversion





BALKHASH TMA
GND-140FL
Class C
Balkhash TWR
128.0MHz
UAR104 R
350 M
GND
UAR103 R
350 M
GND
UAR152 R
1000 M
GND
SECTOR UAII A2I
SHYMKENT CONTROL
FL90-FL490
127.3MHz
SECTOR UAII A1I
SHYMKENT CONTROL
FL90-FL490
132.7MHz
SECTOR UACC A1C
ASTANA CONTROL
FL90-FL490
132.5MHz
SECTOR UAAA A5A
ALMATY CONTROL
FL90-FL490
125.5MHz
129.7MHz
131.3MHz
Ерофеич
6672KHz
127.3MHz
120.9MHz
Бадион
4744KHz
4664KHz
122.1MHz
Полтавка
4850KHz
5528KHz
131.0MHz
Алматы район
4736KHz
6607KHz
134.3MHz
ASTANA FIR (UACC)
ALMATY FIR (UAAA)
SHYMKENT FIR (UAII)
NEPLA
DODUL
MIRGA
PABRI
AKIMU
EKNIL
ABEBA
ALAKO
TUROK
LIMTO
7 E
Zhomart
Kyzymshek
Zhuantobe
Suzak
Saryshagan
Priozersk
Gulshad
Mynaral
Ulken
Chiganak
Mirnyj
Mojynkum (Furmanovka)
47°0'
46°30'
44°30'
44°0'
68°30'



Kilometers
10
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70
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110
Nautical Miles
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AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
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E2
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Legend

◐ Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

⊘ Grass runway

⊗ Abandoned runway

Ⓗ Helicopter landing site

Reporting point

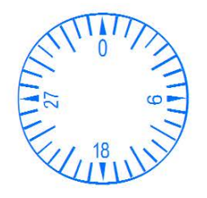
▲ Compulsory

△ On request

Radio navigation aids

◎ Non-directional radio beacon (NDB)

⊡ Colocated VOR and DME



Compas rose

Obstacles

Lighted group obstacles

Lighted obstacles

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

▭ Terminal control area (TMA)

▭ Sector airspace

▭ MDP airspace (МДП)

▭ Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

🟨 City or town

Railways

Roads

Isogonic line

Contour line

🟦 Lake

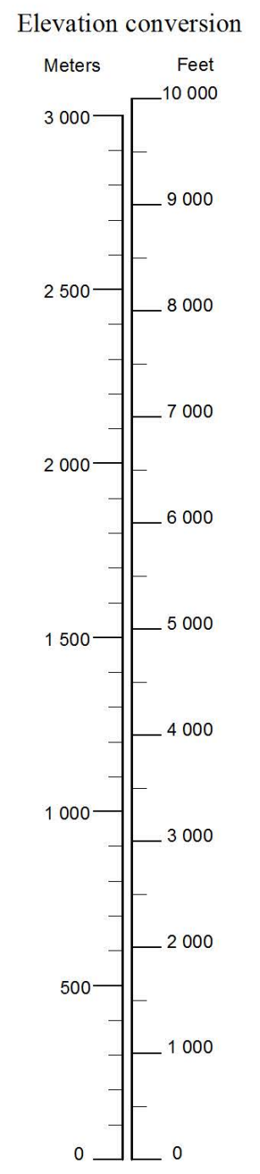
River

🟩 Forest

State Boundary

7000

0



Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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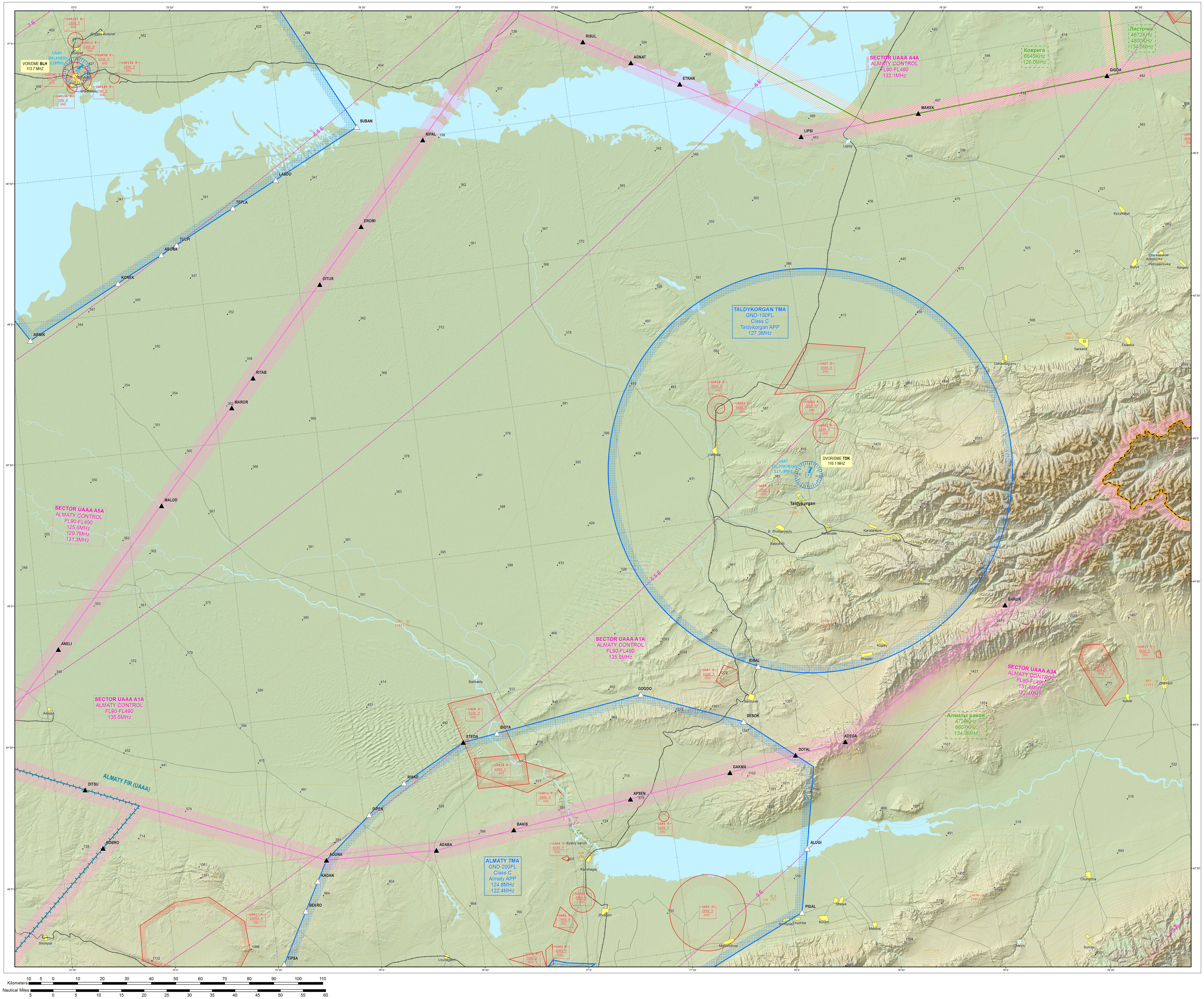
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75°30'
76°0'
76°30'
77°0'
77°30'
78°0'
78°30'
79°0'
79°30'
80°0'
80°30'
47°0'
46°30'
46°0'
45°30'
45°0'
44°30'
44°0'
7 E
6 E
5.5 E
5 E
UAAH
BALKHASH
128MHz
VOR/DME BLH
113.7 MHZ
Shygys-Konyrat
Konyrat
Balkhash
Shashubay
UAR157 R 1000 M GND
UAR13 R 2000 M GND
UAR50 R 2000 M GND
UAR154 R 1000 M GND
UAR102 R 700 M GND
UAR105 R 700 M GND
UAR156 R 500 M GND
RISUL
AGNAT
ETRAN
LIPSI
MAKEK
GIGDA
SUBAN
NIPAL
LASDO
TEFLA
TULPI
ABONA
KONEK
ARMIK
EROMI
DITUR
RITAB
MAROR
MALOD
ANELI
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL490
132.1MHz
Коврига
6645KHz
126.0MHz
Листочек
4672KHz
4800KHz
134.5MHz
Lepsy
TALDYKORGAN TMA
GND-150FL
Class C
Taldykorgan APP
127.3MHz
UAD7 D 6600 M GND
UAR10 R 5000 M GND
UAR53 R 5000 M GND
UAR54 R 3000 M GND
UAR52 R 3000 M GND
UAR8 R 2000 M GND
UAAT
TALDYKORGAN
127.3MHz
DVOR/DME TDK
116.1 MHZ
Ushtobe
Taldykorgan
B. Zholbarysulu
Karabulak
Karatalskoe
SECTOR UAAA A5A
ALMATY CONTROL
FL90-FL490
125.5MHz
129.7MHz
131.3MHz
SECTOR UAAA A1A
ALMATY CONTROL
FL90-FL490
135.5MHz
Aksuek
ALMATY FIR (UAAA)
DITSU
BOBRO
Bakbakty
IDBAL
GOGDO
DESOK
ETEDA
BIOTA
RISAD
DIPEN
AGUNA
KADAN
BEKRO
TIPSA
ADABA
BAKIS
APSEN
GAKMA
DOTAL
ADEGA
ALUGI
PIGAL
BARUR
UAR7 R 6500 M GND
UAD6 D 5100 M GND
UAR18 R 6000 M GND
UAR11 R 2000 M GND
UAR5 R 4500 M GND
UAR4 R 4500 M GND
UAR49 R 3000 M GND
UAR1 R 7000 M GND
UAP4 P 2000 M GND
UAR14 R 7000 M GND
UAR15 R 4000 M GND
ALMATY TMA
GND-200FL
Class C
Almaty APP
124.8MHz
122.4MHz
Saryozek
Iliyskiy kanon
Kapshagaj
Zhetigen
Aschysaj
Druzhba
Koram
Shelek
Malovodnoe
Kugaly
Koktal
Zharkent
SECTOR UAAA A3A
ALMATY CONTROL
FL90-FL490
131.4MHz
122.4MHz
Алматы район
4736KHz
6607KHz
134.3MHz
Shokpar
Uzunagash
Sarkand
Chundzha
Kilometers
Nautical Miles

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

RUSSIA
A5
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B2
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B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
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E5
E6
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KYRGYZSTAN
TURKMENISTAN

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Legend

- Aerodromes with paved runway

UACC ASTANA 118.7MHz	Location indicator Name of AD TWR frequency

- 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

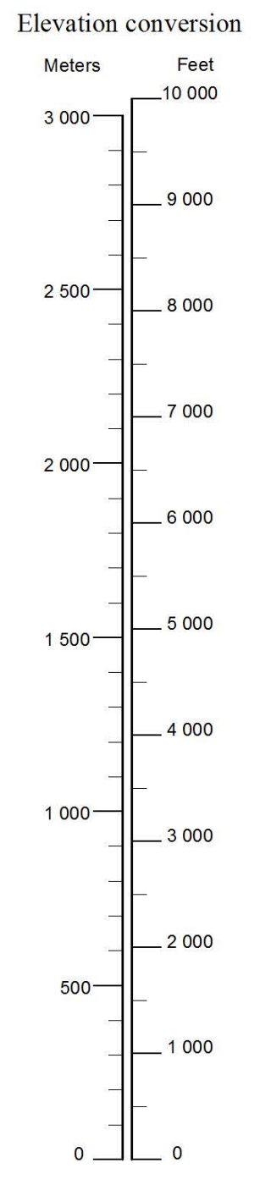
426 (112)	Elevation above MSL in meters Height above GND in meters

Airspace

- Flight information region (FIR)
- Terminal control area (TMA)
- Sector airspace
- MDP airspace (МДП)
- Danger,Prohibited,Restricted areas

Topography & Culture

- 896 Spot elevation
- 🟨 City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- Forest
- State Boundary



Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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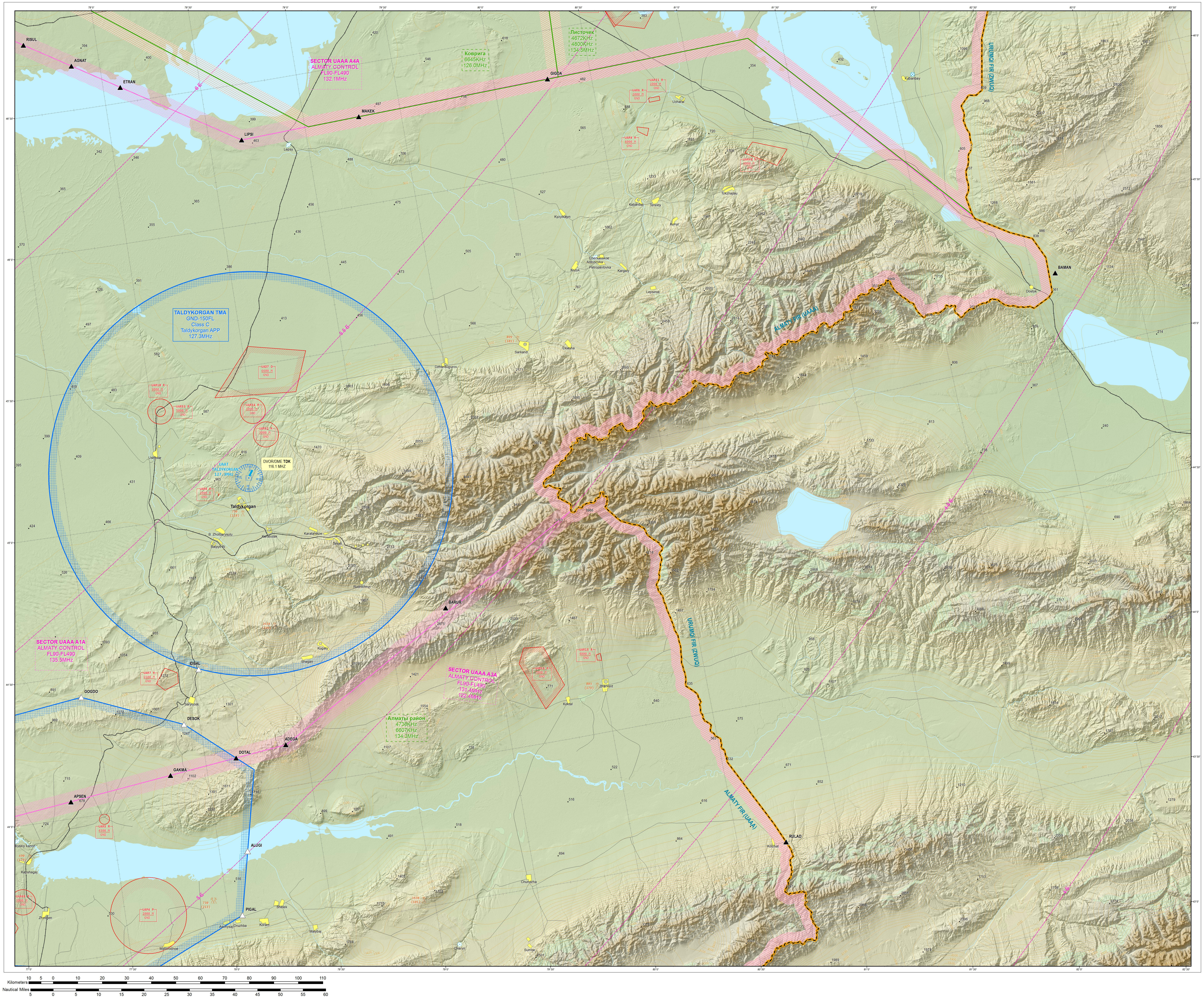
79°0'
79°30'
80°0'
80°30'
46°0'
45°30'
45°0'
44°30'
77°0'
SECTOR UAAA A4A
ALMATY CONTROL
FL90-FL490
132.1MHz
Коврига
6645KHz
126.0MHz
Листочек
4672KHz
4800KHz
134.5MHz
RISUL
AGNAT
ETRAN
LIPSI
MAKEK
GIGDA
Lepsy
UAR6 R
2000 M
GND
UAR9 R
4000 M
GND
URUMQI FIR (ZWUQ)
BAMAN
Dostyk
TALDYKORGAN TMA
GND-150FL
Class C
Taldykorgan APP
127.3MHz
UAD7 D
6600 M
GND
UAR10 R
5000 M
GND
UAR53 R
5000 M
GND
UAR54 R
3000 M
GND
UAR52 R
3000 M
GND
UAR8 R
2000 M
GND
Ushtobe
UAAT
TALDYKORGAN
127.3MHz
DVOR/DME TDK
116.1 MHZ
Taldykorgan
750
(118)
B. Zholbarysulu
Balpyk Bi
Karabulak
Karatalskoe
Sarkand
Rudnichnyj
Kugaly
Shagan
ALMATY FIR (UAAA)
SECTOR UAAA A1A
ALMATY CONTROL
FL90-FL490
135.5MHz
UAR7 R
6500 M
GND
IDBAL
GOGDO
Saryozek
DESOK
BARUR
ADEGA
DOTAL
GAKMA
APSEN
ALUGI
PIGAL
SECTOR UAAA A3A
ALMATY CONTROL
FL90-FL490
131.4MHz
122.4MHz
Алматы район
4736KHz
6607KHz
134.3MHz
URUMQI FIR (ZWUQ)
ALMATY FIR (UAAA)
RULAD
Koktal
Zharkent
Chundzha
Kapshagaj
UAR49 R
3000 M
GND
UAR4 R
3000 M
GND
Kilometers
Nautical Miles

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

A5
RUSSIA
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number E2

Legend

◐	Aerodromes with paved runway
UACC ASTANA 118.7MHz	Location indicator Name of AD TWR frequency
⊘	Grass runway
⊗	Abandoned runway
Ⓗ	Helicopter landing site

Reporting point

▲	Compulsory
△	On request

Radio navigation aids

◎	Non-directional radio beacon (NDB)
⊡	Colocated VOR and DME
0 27 9 18	Compas rose

Obstacles

⩚	Lighted group obstacles
⩚	Lighted obstacles
426 (112)	Elevation above MSL in meters Height above GND in meters

Airspace

┴┴┴┴	Flight information region (FIR)
▭	Terminal control area (TMA)
▭	Sector airspace
▭	MDP airspace (МДП)
▭	Danger,Prohibited,Restricted areas

Topography & Culture

896	Spot elevation
🟨	City or town
─┼─	Railways
──	Roads
- - -	Isogonic line
──	Contour line
🟦	Lake
──	River
🟩	Forest
─·─·─	State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

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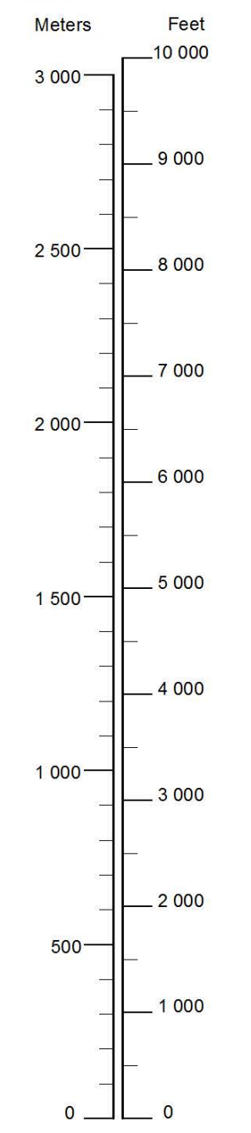
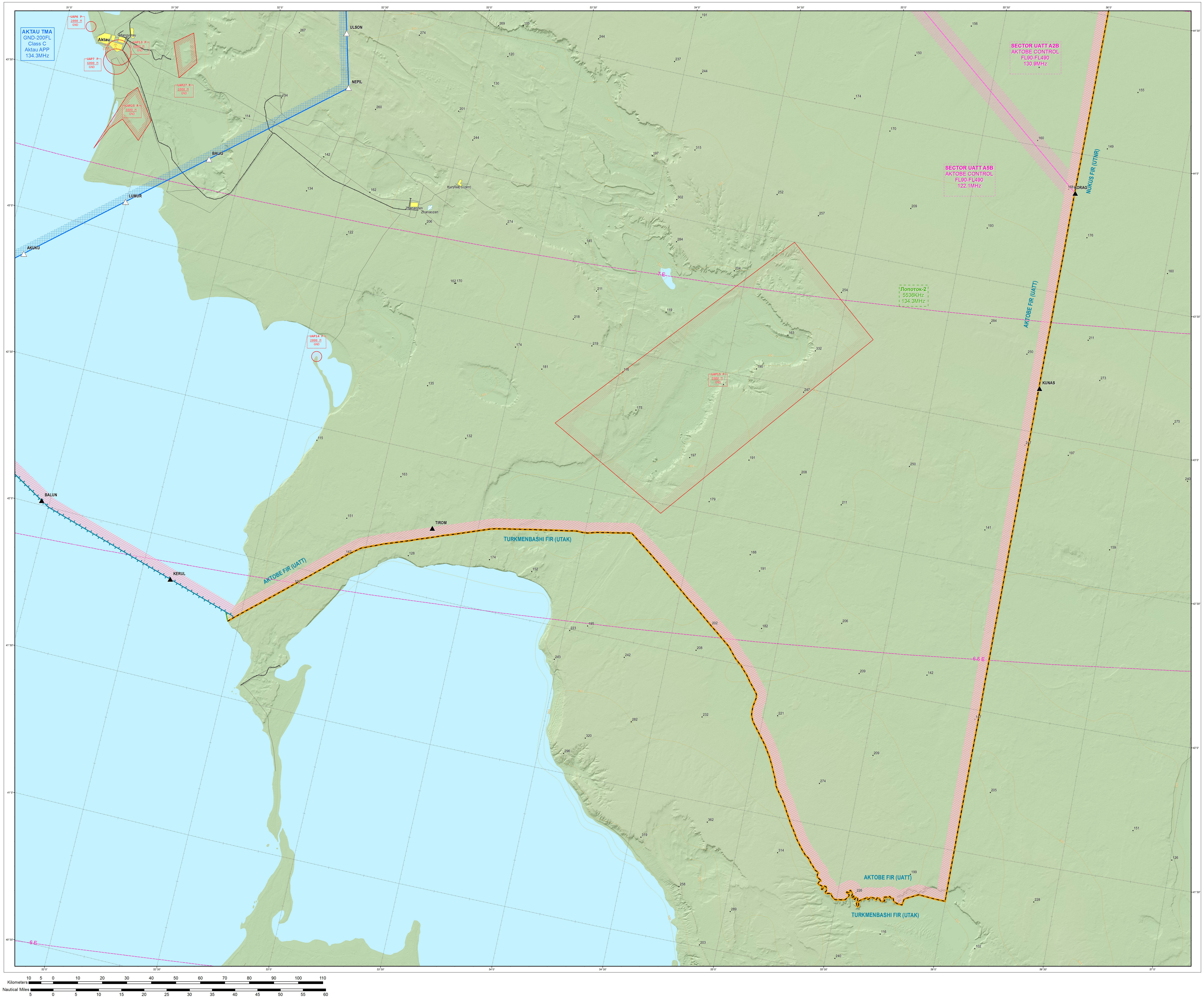
The reliability of relief information on this chart is doubtful and elevations should be used with caution.

Elevation conversion

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GND-200FL
Class C
Aktau APP
134.3MHz
UAP6 P
2000 M
GND
Aktau
Mangystau
227
(235)
UAP13 P
6000 M
GND
UAP7 P
6000 M
GND
UAR27 R
2000 M
GND
UAR25 R
3000 M
GND
ULSON
NEPIL
BALIG
LUMUR
AKUKU
Kuryk
Zhanaozen
Kyzylsai (Uzen)
UAP14 P
2000 M
GND
UAP15 P
2000 M
GND
Лопоток-2
5536KHz
134.3MHz
SECTOR UATT A2B
AKTOBE CONTROL
FL90-FL490
130.9MHz
SECTOR UATT A5B
AKTOBE CONTROL
FL90-FL490
122.1MHz
KORAG
NUKUS FIR (UTNR)
AKTOBE FIR (UATT)
KUNAS
BALUN
KERUL
TIROM
TURKMENBASHI FIR (UTAK)
AKTOBE FIR (UATT)
TURKMENBASHI FIR (UTAK)
7 E
6.5 E
6 E
51°0'
51°30'
52°0'
52°30'
53°0'
53°30'
54°0'
54°30'
55°0'
55°30'
56°0'
43°30'
43°0'
42°30'
42°0'
41°30'
41°0'
40°30'
Kilometers
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5
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10
20
30
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90
100
110
Nautical Miles
5
0
5
10
15
20
25
30
35
40
45
50
55
60

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016

A5
RUSSIA
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number E4

Legend

Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

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

426	Elevation above MSL in meters
(112)	Height above GND in meters

Airspace

Flight information region (FIR)

Terminal control area (TMA)

Sector airspace

MDP airspace (МДП)

Danger,Prohibited,Restricted areas

Topography & Culture

896 Spot elevation

City or town

Railways

Roads

Isogonic line

Contour line

Lake

River

Forest

State Boundary

7000

0

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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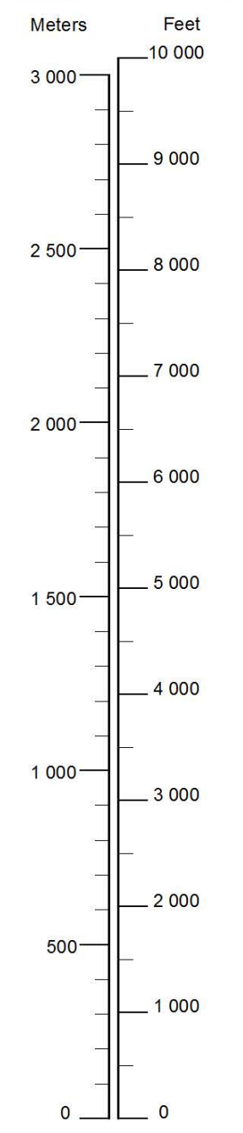
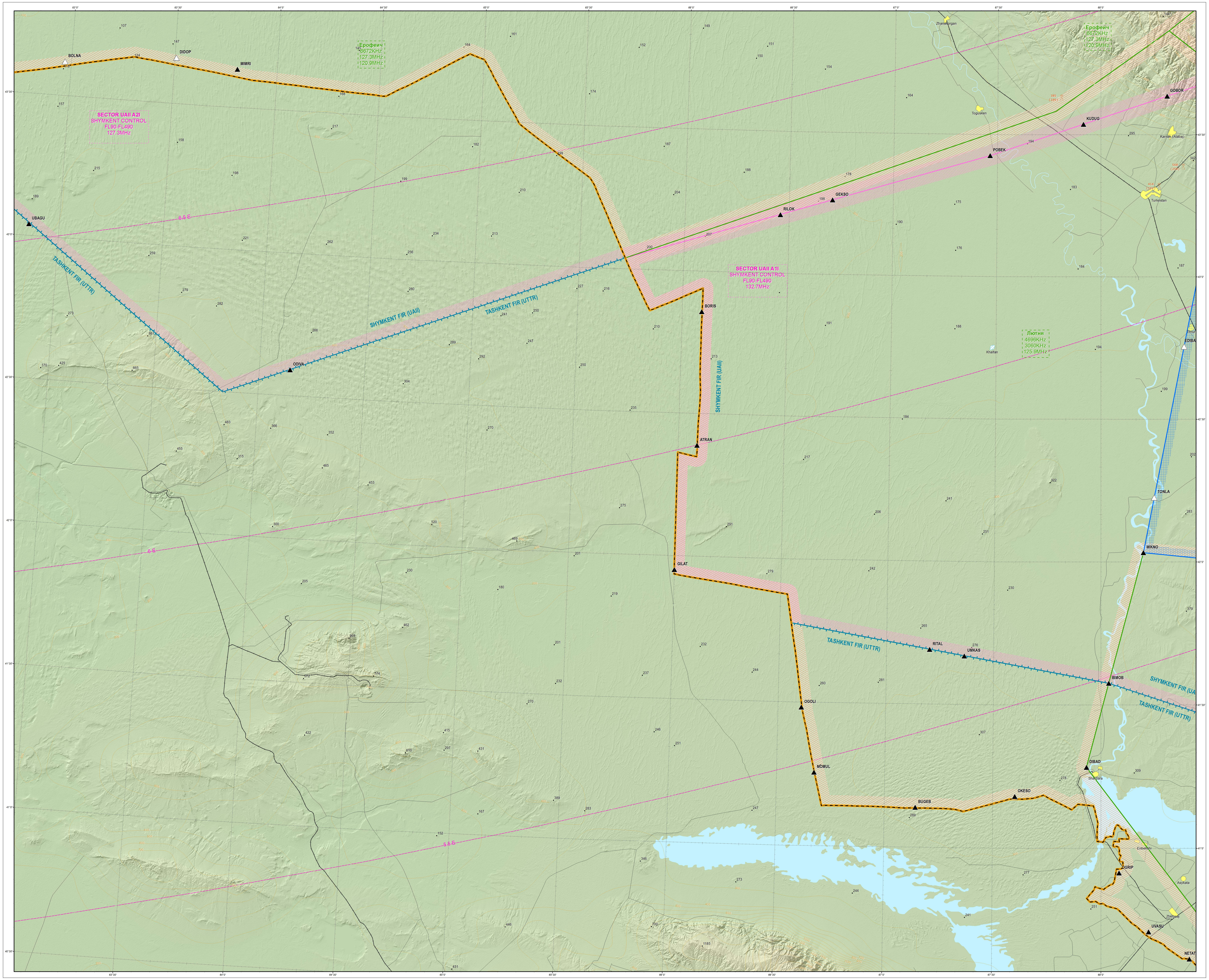
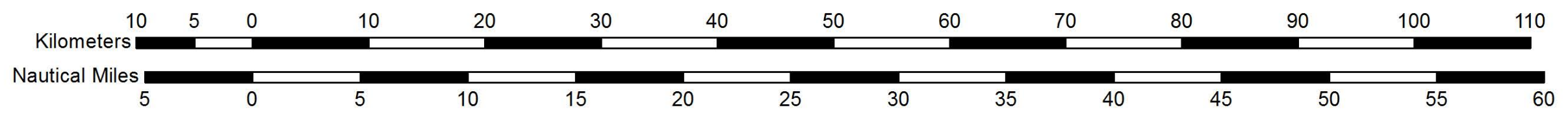
Elevation conversion




BOLNA
DIDOP
MIMRI
Ерофеич
6672KHz
127.3MHz
120.9MHz
SECTOR UAII A2I
SHYMKENT CONTROL
FL90-FL490
127.3MHz
UBAGU
6.5 E
TASHKENT FIR (UTTR)
SHYMKENT FIR (UAII)
TASHKENT FIR (UTTR)
ODIVA
BORIS
SECTOR UAII A1I
SHYMKENT CONTROL
FL90-FL490
132.7MHz
SHYMKENT FIR (UAII)
ATRAN
GILAT
RILOK
GEKSO
POBEK
KUDUG
GOBOR
Zhanakorgan
Turkestan
Лютня
4696KHz
3060KHz
125.9MHz
EDIBA
TONLA
MIKNO
TASHKENT FIR (UTTR)
RITAL
UMKAS
IBMOB
SHYMKENT FIR (UAII)
TASHKENT FIR (UTTR)
OGOLI
MOMUL
BUGEB
OKESO
DIBAD
Shardara
OGRIP
UVASU
NETAT
Asykata


Kilometers
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5
0
10
20
30
40
50
60
70
80
90
100
110
Nautical Miles
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5
10
15
20
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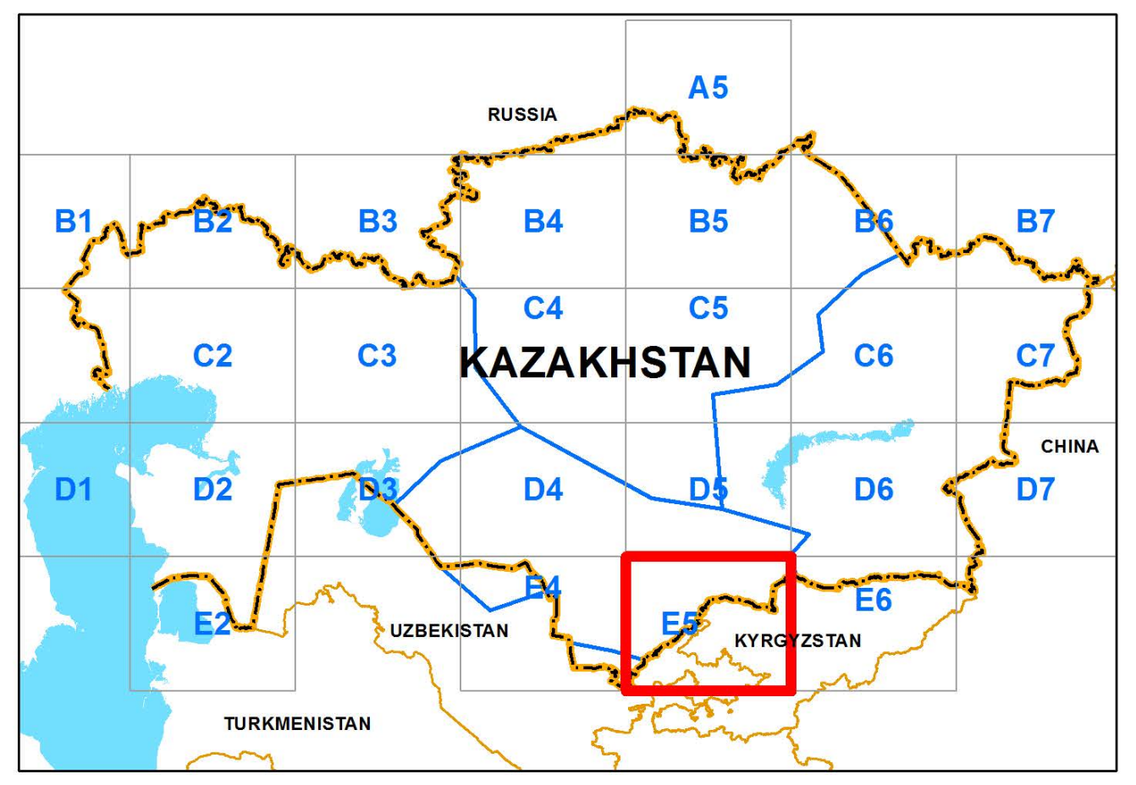
AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016


RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
CHINA
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number E5 Page 24 of 25

Legend

- Aerodromes with paved runway

UACC	Location indicator
ASTANA	Name of AD
118.7MHz	TWR frequency

- 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
- 426 (112) Elevation above MSL in meters / Height above GND in meters

Airspace

- Flight information region (FIR)
- ☐ Terminal control area (TMA)
- ☐ Sector airspace
- ☐ MDP airspace (МДП)
- ☐ Danger,Prohibited,Restricted areas

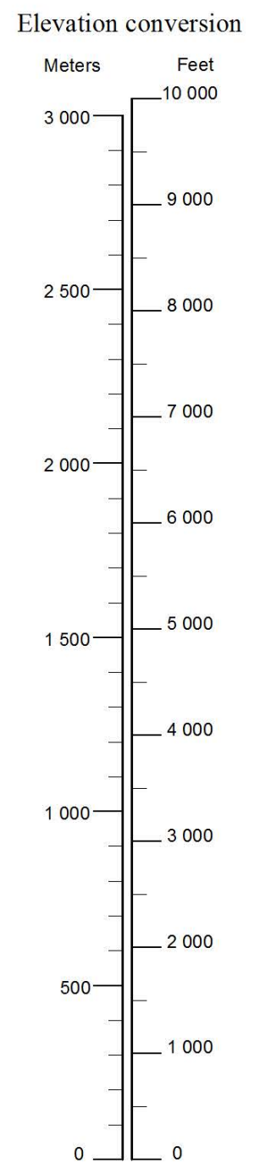
Topography & Culture

- 896 Spot elevation
- 🟨 City or town
- Railways
- Roads
- Isogonic line
- Contour line
- Lake
- River
- 🟩 Forest
- State Boundary

7000

0

Elevation conversion



Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

For latest information consult NOTAMs and
Aeronautical Information Publication

Warning:
Relief data incomplete.
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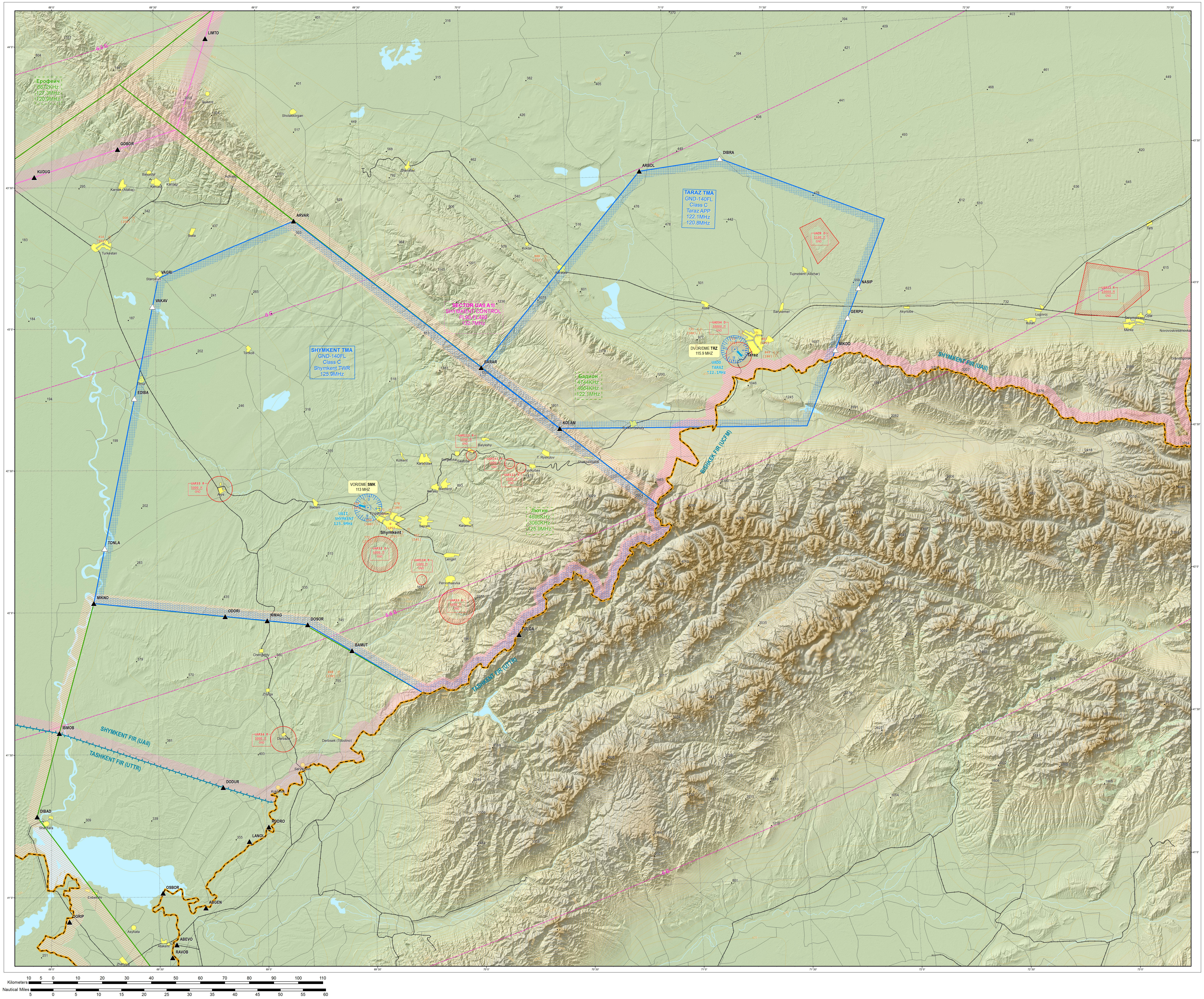
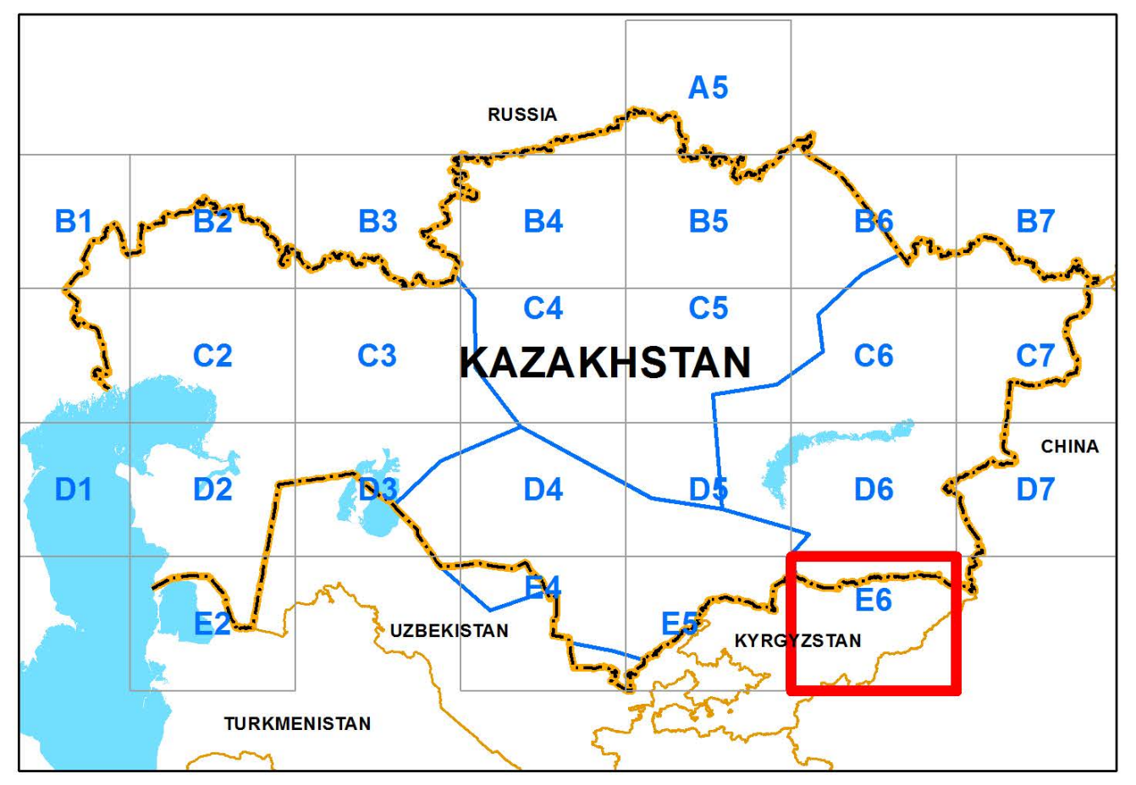

LIMTO
GOBOR
KUDUG
ARVAR
VAGRI
VAKAV
EDIBA
TONLA
MIKNO
ODORI
NIMAG
DOSOR
BAMUT
IBMOB
DODUR
DIBAD
PIORO
LANOL
OSBOR
ABGEN
OGRIP
ABEVO
RAVOB
TULGA
KOLAM
BARAR
ARBOL
DIBRA
NASIP
GERPU
MIKDO
Ерофейч
667KHz
127.3MHz
120.9MHz
SHYMKENT TMA
GND-140FL
Class C
Shymkent TWR
125.9MHz
SECTOR UAII A1I
SHYMKENT CONTROL
FL90-FL490
132.7MHz
TARAZ TMA
GND-140FL
Class C
Taraz APP
122.1MHz
120.8MHz
DVOR/DME TRZ
115.9 MHZ
UADD
TARAZ
122.1MHz
UAD34 D
30000 M
GND
Бадион
4744KHz
4864KHz
122.1MHz
VOR/DME SMK
113 MHZ
UAII
SHYMKENT
125.9MHz
UAR113 R
1000 M
GND
UAR111 R
1000 M
GND
UAR112 R
1000 M
GND
UAR32 R
6000 M
GND
UAR110 R
1000 M
GND
Лютня
4696KHz
3060KHz
125.9MHz
SHYMKENT FIR (UAII)
TASHKENT FIR (UTTR)
BISHKEK FIR (UCFM)
Turkestan
Shymkent
Taraz
Prigorodnoe
Karabulak
Kolkent
Sergievka
Sastobe
Balykshy
T. Ryskulov
Tyulkubas
Karasu
Mankent
Sajram
Karamurt
Lenger
Pervomaevka
Badam
Arys
Assa
Sarykemer
Merke
Shardara
Kilometers
Nautical Miles

AERONAUTICAL CHART
ICAO 1:500 000

KAZAKHSTAN

Effective date:
10 NOV 2016


RUSSIA
A5
B1
B2
B3
B4
B5
B6
B7
C2
C3
C4
C5
C6
C7
KAZAKHSTAN
CHINA
D1
D2
D3
D4
D5
D6
D7
E2
E4
E5
E6
UZBEKISTAN
KYRGYZSTAN
TURKMENISTAN

Index number E6 Page 25 of 25

Legend

◐	Aerodromes with paved runway
UACC ASTANA 118.7MHz	Location indicator Name of AD TWR frequency
⌀	Grass runway
⊗	Abandoned runway
Ⓗ	Helicopter landing site

Reporting point

▲	Compulsory
△	On request

Radio navigation aids

◎	Non-directional radio beacon (NDB)
⊡	Colocated VOR and DME
0 9 18 27	Compas rose

Obstacles

✳	Lighted group obstacles
✳	Lighted obstacles
426 (112)	Elevation above MSL in meters Height above GND in meters

Airspace

┴┴┴┴	Flight information region (FIR)
▭	Terminal control area (TMA)
▭	Sector airspace
▭	MDP airspace (МДП)
▭	Danger,Prohibited,Restricted areas

Topography & Culture

896	Spot elevation
🟨	City or town
┼─┼	Railways
──	Roads
- - -	Isogonic line
──	Contour line
▬	Lake
──	River
🟩	Forest
─·─	State Boundary

7000

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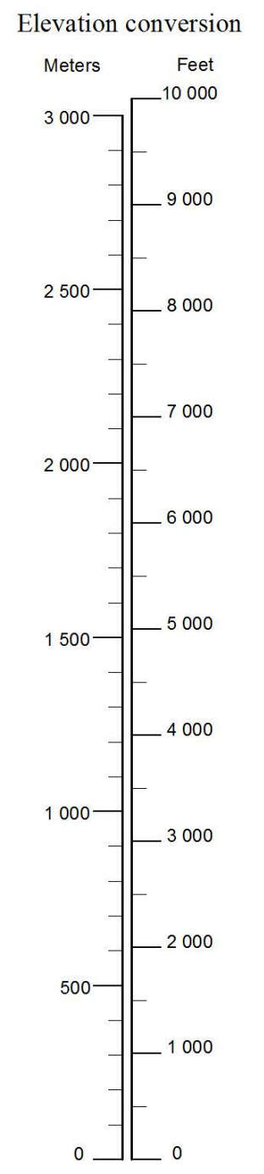

Highest elevation
Khan Tengri
42°10'39" N 80°10'30" E
7010 m

Coordinate system: WGS-84
Lambert conformal conic projection

Elevation in Meters
Topographic information actual date: 01 FEB 2010
Magnetic data for 2015

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Warning:
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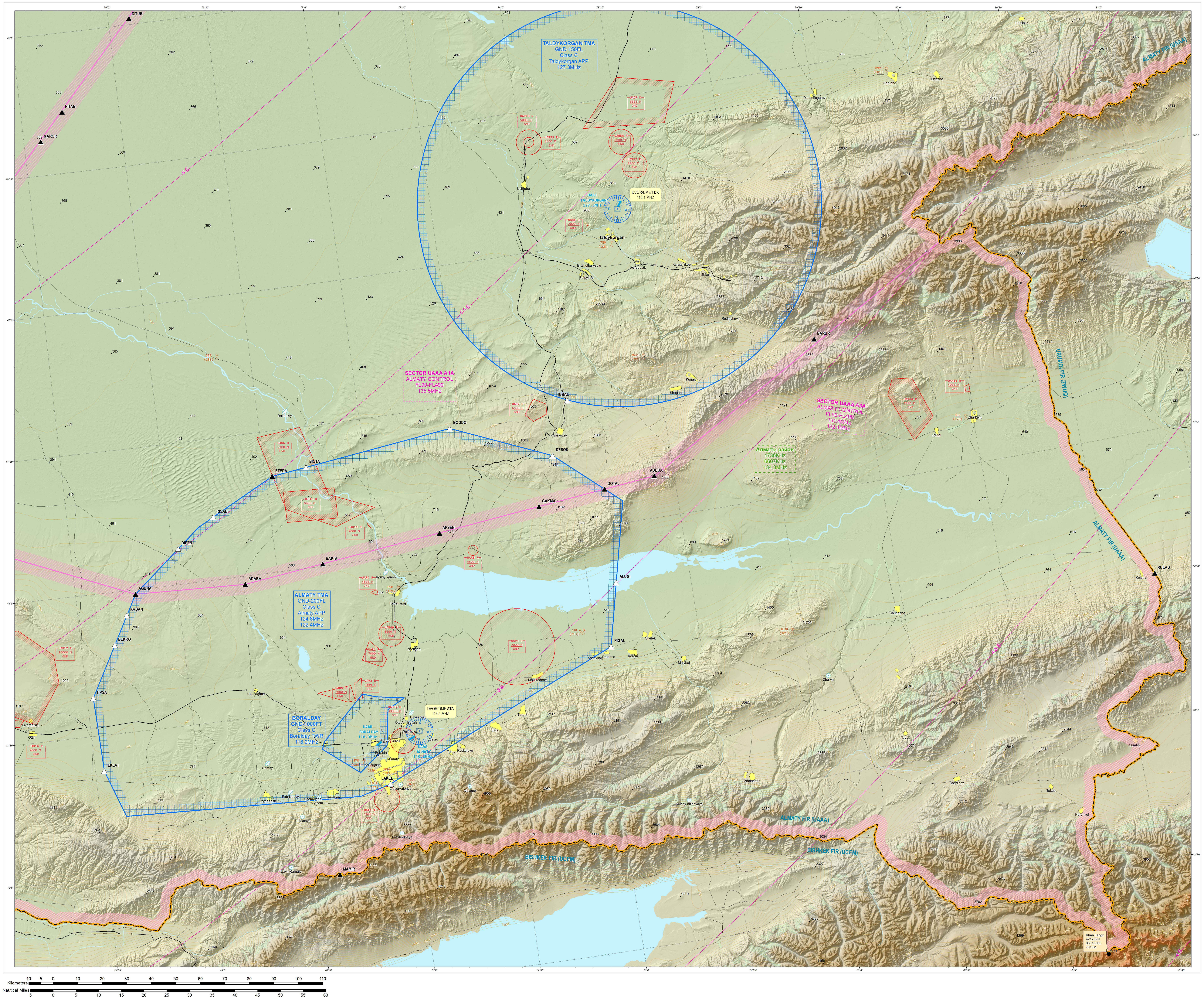
TALDYKORGAN TMA
GND-150FL
Class C
Taldykorgan APP
127.3MHz
UAD7 D
6600 M
GND
UAR10 R
5000 M
GND
UAR53 R
5000 M
GND
UAR54 R
3000 M
GND
UAR52 R
3000 M
GND
UAR8 R
2000 M
GND
Ushtobe
UAAT
TALDYKORGAN
127.3MHz
DVOR/DME TDK
116.1 MHZ
Taldykorgan
750
(118)
DITUR
RITAB
MAROR
SECTOR UAAA A1A
ALMATY CONTROL
FL90-FL490
135.5MHz
GOGDO
IDBAL
DESOK
BIGTA
ETEDA
RISAD
DIPEN
AGUNA
KADAN
BEKRO
TIPSA
EKLAT
ADABA
BAKIS
APSEN
GAKMA
DOTAL
ADEGA
BARUR
ALUGI
PIGAL
LAKEL
MAMIR
RULAD
SECTOR UAAA A3A
ALMATY CONTROL
FL90-FL490
131.4MHz
122.4MHz
Алматы район
4736KHz
6607KHz
134.3MHz
UAR14
7000 M
GND
ALMATY TMA
GND-200FL
Class C
Almaty APP
124.8MHz
122.4MHz
UAR4 R
4500 M
GND
UAR5 R
4500 M
GND
UAR49 R
3000 M
GND
UAR1 R
7000 M
GND
UAR2 R
4000 M
GND
UAR3 R
7000 M
GND
UAD37 D
30000 M
GND
UAP5 P
2000 M
GND
Iliyskiy kanon
Kapshagaj
Zhetigen
BORALDAY
GND-1000FT
Class C
Boralday TWR
118.9MHz
UAAR
BORALDAY
118.9MHz
DVOR/DME ATA
116.4 MHZ
UAAA
ALMATY
119.4MHz
Bayserke
Otegen Batyra
Pokrovka
Pervomajskij
Alatau
Boraldaj
Ozhet
Almaty
Kokkajnar
Observatoriya
Talgar
Ryskulovo
Esik
Alplager
Uzunagach
Samsy
Fabrichnyy
Chemolgan
Azem
Kaskelen
Uzynagash
Ushkonyr
Gvardeyskiy
Otar
ALMATY FIR (UAAA)
URUMQI FIR (ZWUQ)
BISHKEK FIR (UCFM)
Khan Tengri
421239N
0801030E
7010M
6631
75°30'
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80°0'
46°0'
45°30'
45°0'
44°30'
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43°0'
42°30'
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Nautical Miles
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