

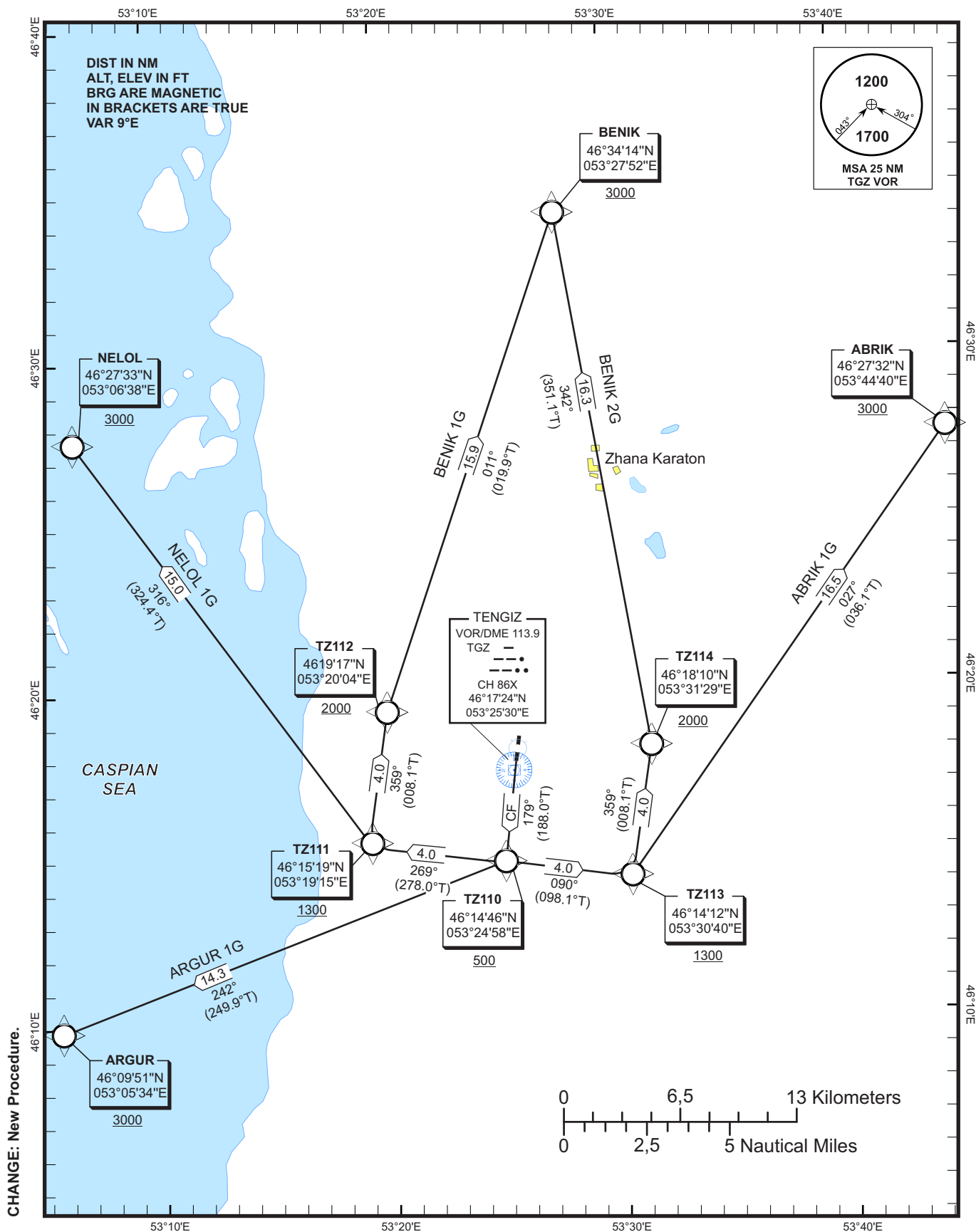
STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

TRANSITION ALTITUDE
10000 FT

TENGIZ TOWER 119.20

ABRIK 1G, ARGUR 1G,
BENIK 1G/2G, NELOL 1G.
(RNP1 SID BASED ON GNSS)

TENGIZ
RWY 18



STANDARD DEPARTURE PROCEDURE RWY 18

TABULAR DESCRIPTION

ABRIK 1G											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M (°T)	Magnetic Variation (°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
010	CF	TZ110	-	179 (188.0)	9	-	-	+500	-	-	RNP1
020	TF	TZ113	-	090 (098.1)	9	4.0	L	+1300	-	-	RNP1
030	TF	ABRIK	-	027 (036.1)	9	16.5	L	+3000	-	-	RNP1

WAYPOINT LIST

Waypoint Idenfier	Coordinates
TZ110	46°14'46"N 053°24'58"E
TZ113	46°14'12"N 053°30'40"E
ABRIK	46°27'32"N 053°44'40"E

TABULAR DESCRIPTION

ARGUR 1G											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M (°T)	Magnetic Variation (°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
010	CF	TZ110	-	179 (188.0)	9	-	-	+500	-	-	RNP1
020	TF	ARGUR	-	242 (249.9)	9	14.3	R	+3000	-	-	RNP1

WAYPOINT LIST

Waypoint Idenfier	Coordinates
TZ110	46°14'46"N 053°24'58"E
ARGUR	46°09'51"N 053°05'34"E

TABULAR DESCRIPTION

BENIK 1G											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M (°T)	Magnetic Variation (°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
010	CF	TZ110	-	179 (188.0)	9	-	-	+500	-	1.9	RNP1
020	TF	TZ111	-	269 (278.0)	9	4.0	R	+1300	-	1.9	RNP1
030	TF	TZ112	-	359 (008.1)	9	4.0	R	+2000	-	1.9	RNP1
040	TF	BENIK	-	011 (019.9)	9	15.9	-	+3000	-	1.9	RNP1

WAYPOINT LIST

Waypoint Idenfier	Coordinates
TZ110	46°14'46"N 053°24'58"E
TZ111	46°15'19"N 053°19'15"E
TZ112	46°19'17"N 053°20'04"E
BENIK	46°34'14"N 053°27'52"E

TABULAR DESCRIPTION

BENIK 2G											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M (°T)	Magnetic Variation (°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
010	CF	TZ110	-	179 (188.0)	9	-	-	+500	-	-	RNP1
020	TF	TZ113	-	090 (098.1)	9	4.0	L	+1300	-	-	RNP1
030	TF	TZ114	-	359 (008.1)	9	4.0	L	+2000	-	-	RNP1
040	TF	BENIK	-	342 (351.1)	9	16.3	-	+3000	-	-	RNP1

WAYPOINT LIST

Waypoint Idenfier	Coordinates
TZ110	46°14'46"N 053°24'58"E
TZ113	46°14'12"N 053°30'40"E
TZ114	46°18'10"N 053°31'29"E
BENIK	46°34'14"N 053°27'52"E

TABULAR DESCRIPTION

NELOL 1G											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M (°T)	Magnetic Variation (°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
010	CF	TZ110	-	179 (188.0)	9	-	-	+500	-	-	RNP1
020	TF	TZ111	-	269 (278.0)	9	4.0	R	+1300	-	-	RNP1
030	TF	NELOL	-	316 (324.4)	9	15.0	R	+3000	-	-	RNP1

WAYPOINT LIST

Waypoint Idenfier	Coordinates
TZ110	46°14'46"N 053°24'58"E
TZ111	46°15'19"N 053°19'15"E
NELOL	46°27'33"N 053°06'38"E