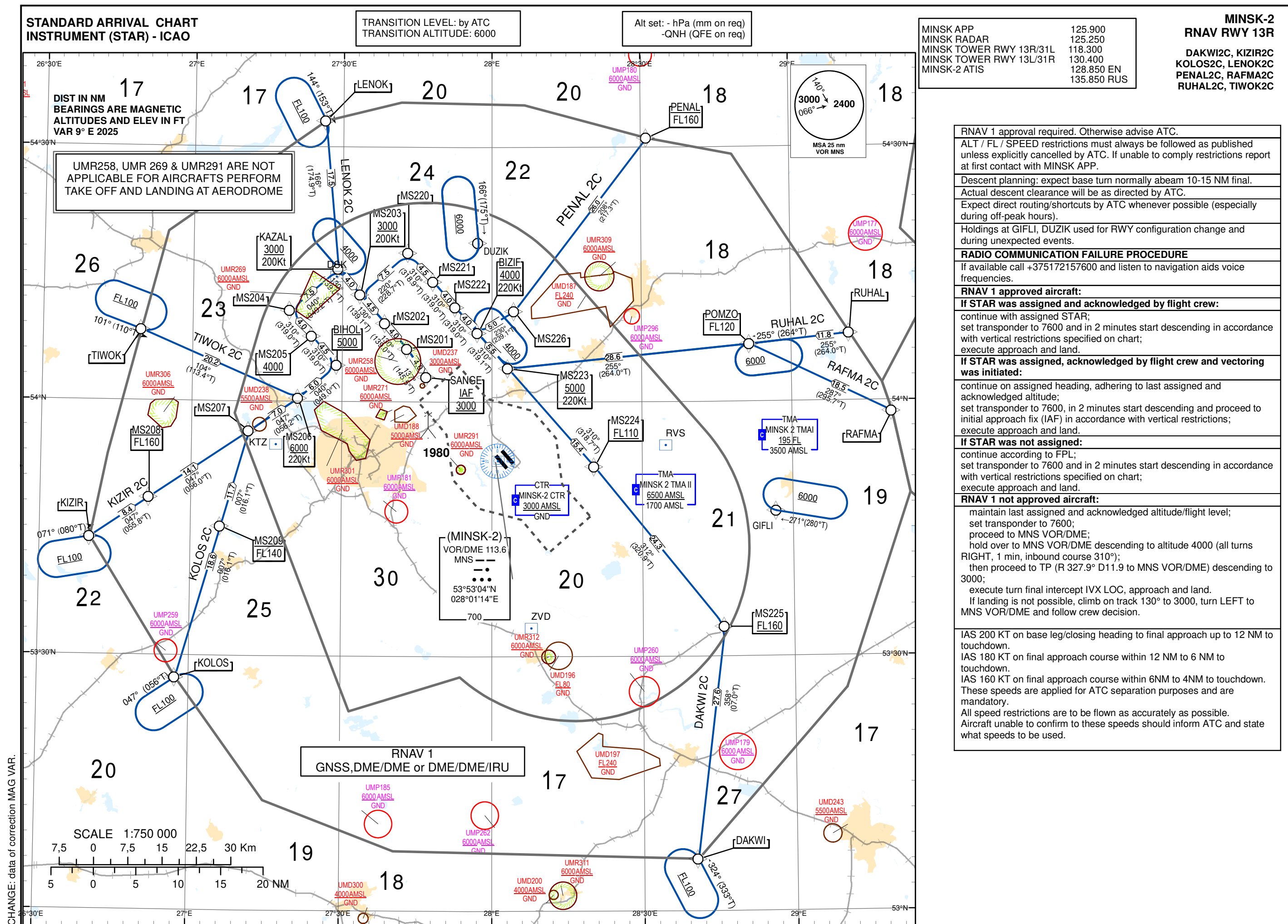




TABULAR DESCRIPTION

DAKWI2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	DAKWI	-	-	9	-	-	-	-	RNAV1
002	TF	MS225	-	358(007.0)	9	27.6	-	+FL160	-	RNAV1
003	TF	MS224	-	312(320.9)	9	24.3	-	+FL110	-	RNAV1
004	TF	MS223	-	310(318.7)	9	15.4	-	+5000	-220	RNAV1
005	TF	BIZIF	-	310(319.1)	9	5.5	-	@4000	-220	RNAV1
006	TF	MS222	-	310(319.1)	9	4.0	-	-	-220	RNAV1
007	TF	MS221	-	310(319.0)	9	4.0	-	-	-220	RNAV1
008	TF	MS220	-	310(318.9)	9	4.5	-	-	-220	RNAV1
009	TF	MS203	-	220(228.7)	9	7.5	-	+3000	-200	RNAV1
010	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
011	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
012	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
KIZIR2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	KIZIR	-	-	9	-	-	-	-	RNAV1
002	TF	MS208	-	047(055.8)	9	8.4	-	-FL160	-	RNAV1
003	TF	MS207	-	047(056.0)	9	14.1	-	-	-	RNAV1
004	TF	MS206	-	047(056.2)	9	7.0	-	+6000	-220	RNAV1
005	TF	BIHOL	-	040(049.0)	9	6.0	-	@5000	-220	RNAV1
006	TF	MS205	-	310(319.0)	9	4.5	-	+4000	-220	RNAV1
007	TF	MS204	-	310(319.0)	9	4.0	-	-	-220	RNAV1
008	TF	KAZAL	-	040(049.2)	9	7.5	-	+3000	-200	RNAV1
009	TF	MS203	-	130(139.0)	9	4.0	-	-	-200	RNAV1
010	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
011	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
012	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
KOLOS2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	KOLOS	-	-	9	-	-	-	-	RNAV1
002	TF	MS209	-	007(016.1)	9	18.6	-	-FL140	-	RNAV1
003	TF	MS207	-	007(016.1)	9	11.7	-	-	-	RNAV1
004	TF	MS206	-	047(056.2)	9	7.0	-	+6000	-220	RNAV1
005	TF	BIHOL	-	040(049.0)	9	6.0	-	@5000	-220	RNAV1
006	TF	MS205	-	310(319.0)	9	4.5	-	+4000	-220	RNAV1
007	TF	MS204	-	310(319.0)	9	4.0	-	-	-220	RNAV1
008	TF	KAZAL	-	040(049.2)	9	7.5	-	+3000	-200	RNAV1
009	TF	MS203	-	130(139.0)	9	4.0	-	-	-200	RNAV1
010	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
011	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
012	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
LENOK2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	LENOK	-	-	9	-	-	-	-	RNAV1
002	TF	KAZAL	-	166(174.9)	9	17.5	-	+3000	-200	RNAV1
003	TF	MS203	-	130(139.0)	9	4.0	-	-	-200	RNAV1
004	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
005	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
006	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) – ICAOMINSK-2
RNAV RWY 13R

PENAL2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	PENAL	-	-	9	-	-	-FL160	-	RNAV1
002	TF	MS226	-	208(217.3)	9	26.0	-	-	-	RNAV1
003	TF	BIZIF	-	230(239.1)	9	5.0	-	@4000	-220	RNAV1
004	TF	MS222	-	310(319.0)	9	4.0	-	-	-220	RNAV1
005	TF	MS221	-	310(319.0)	9	4.0	-	-	-220	RNAV1
006	TF	MS220	-	310(318.9)	9	4.5	-	-	-220	RNAV1
007	TF	MS203	-	220(228.7)	9	7.5	-	+3000	-200	RNAV1
008	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
009	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
010	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
RAFMA2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	RAFMA	-	-	9	-	-	-	-	RNAV1
002	TF	POMZO	-	287(295.7)	9	18.5	-	-FL120	-	RNAV1
003	TF	MS223	-	255(264.0)	9	28.6	-	+5000	-220	RNAV1
004	TF	BIZIF	-	310(319.1)	9	5.5	-	@4000	-220	RNAV1
005	TF	MS222	-	310(319.0)	9	4.0	-	-	-220	RNAV1
006	TF	MS221	-	310(319.0)	9	4.0	-	-	-220	RNAV1
007	TF	MS220	-	310(318.9)	9	4.5	-	-	-220	RNAV1
008	TF	MS203	-	220(228.7)	9	7.5	-	+3000	-200	RNAV1
009	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
010	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
011	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
RUHAL2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	RUHAL	-	-	9	-	-	-	-	RNAV1
002	TF	POMZO	-	255(264.0)	9	11.8	-	-FL120	-	RNAV1
003	TF	MS223	-	255(264.0)	9	28.6	-	+5000	-220	RNAV1
004	TF	BIZIF	-	310(319.1)	9	5.5	-	@4000	-220	RNAV1
005	TF	MS222	-	310(319.0)	9	4.0	-	-	-220	RNAV1
006	TF	MS221	-	310(319.0)	9	4.0	-	-	-220	RNAV1
007	TF	MS220	-	310(318.9)	9	4.5	-	-	-220	RNAV1
008	TF	MS203	-	220(228.7)	9	7.5	-	+3000	-200	RNAV1
009	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
010	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
011	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1
TIWOK2C										
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation	Distance NM	Turn Direction	Altitude FT	Speed KT	Navigation Specification
001	IF	TIWOK	-	-	9	-	-	-	-	RNAV1
002	TF	MS206	-	104(113.4)	9	20.2	-	+6000	-220	RNAV1
005	TF	BIHOL	-	040(049.0)	9	6.0	-	@5000	-220	RNAV1
006	TF	MS205	-	310(319.0)	9	4.5	-	+4000	-220	RNAV1
007	TF	MS204	-	310(319.0)	9	4.0	-	-	-220	RNAV1
008	TF	KAZAL	-	040(049.2)	9	7.5	-	+3000	-200	RNAV1
009	TF	MS203	-	130(139.0)	9	4.0	-	-	-200	RNAV1
010	TF	MS202	-	130(139.1)	9	4.5	-	-	-200	RNAV1
011	TF	MS201	-	130(139.0)	9	4.0	-	-	-200	RNAV1
012	TF	SANGE	-	137(145.5)	9	4.0	-	@3000	-200	RNAV1

RNAV HOLDING INDIFICATION

Path Descriptor	Holding Fix	Inbound MAG Track° (True Track°)	Altitude (ft) / Flight Level	Time / Distance outbound	Turn Direction
HM	BIZIF	310(319.0)	+4000	1MIN	R
HM	DAKWI	324(333.0)	+FL100	1MIN	L
HM	DUZIK	166(175.0)	+6000	1.5 MIN	R
HM	GIFLI	271(280.0)	+6000	1.5 MIN	R
HM	KAZAL	130(139.0)	+4000	1MIN	L
HM	KIZIR	071(080.0)	+FL100	1MIN	R
HM	KOLOS	047(056.0)	+FL100	1MIN	R
HM	LENOK	144(153.0)	+FL100	1MIN	R
HM	POMZO	255(264.1)	+6000	1MIN	L
HM	TIWOK	101(110.0)	+FL100	1MIN	L

WAYPOINT LIST

Waypoint Identifier	Coordinates	
BIZIF	540807.2N	0275712.1E
BIHOL	540419.1N	0272858.2E
DAKWI	530607.0N	0284037.0E
DUZIK	541844.3N	0275718.9E
GIFLI	534705.9N	0285644.0E
KAZAL	541537.7N	0272910.4E
KIZIR	534352.4N	0264004.0E
KOLOS	532723.0N	0265723.0E
LENOK	543305.0N	0272629.0E
MS201	540614.0N	0274305.5E
MS202	540914.8N	0273837.7E
MS203	541236.9N	0273338.8E
MS204	541043.7N	0271930.0E
MS205	540742.7N	0272357.6E
MS206	540023.3N	0272118.5E
MS207	535629.8N	0271129.3E
MS208	534836.2N	0265145.9E
MS209	534513.8N	0270559.4E
MS220	541732.7N	0274314.4E
MS221	541409.3N	0274816.7E
MS222	541108.3N	0275244.7E
MS223	540357.8N	0280318.7E
MS224	535222.7N	0282030.3E
MS225	533329.5N	0284612.0E
MS226	541041.5N	0280431.5E
MS710	535757.7N	0281207.8E
PENAL	543105.0N	0283117.0E
POMZO	540646.0N	0285142.0E
RAFMA	535841.0N	0291959.0E
RUHAL	540758.0N	0291142.0E
SANGE	540255.1N	0274657.9E
TIWOK	540820.0N	0264945.0E