

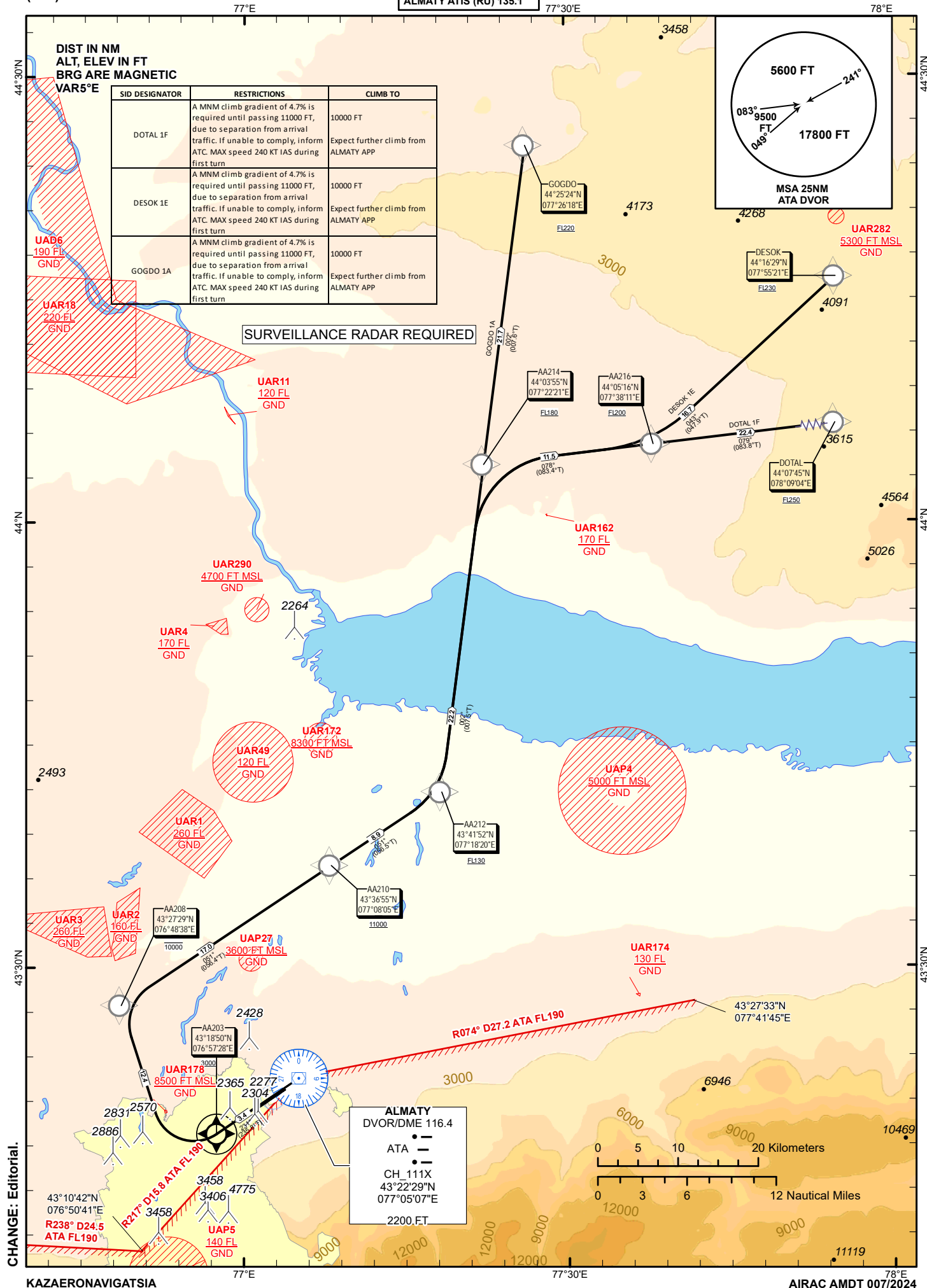
STANDARD DEPARTURE  
CHART - INSTRUMENT  
(SID) - ICAO

TRANSITION ALT  
10000 FT

ALMATY APPROACH 118.3  
ALMATY RADAR 126.8  
ALMATY TOWER 119.4  
ALMATY ATIS (EN) 129.8  
ALMATY ATIS (RU) 135.1

(RNAV 1 SID BASED ON GNSS)  
DESOK 1E, DOTAL 1F, GOGDO 1A

ALMATY  
RWY 23L/23R



TABULAR DESCRIPTION

DESOK 1E RWY 23L /23R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
10	CF	AA203	Y	231(235.8)	5.12	3.4	-	+3000	-240	2.7	RNAV1
20	DF	AA208	-		5.12	12.4	R	-10000	-	2.7	RNAV1
30	TF	AA210	-	51(56.4)	5.12	17	R	+11000	-	2.7	RNAV1
40	TF	AA212	-	51(56.5)	5.12	8.9	-	+FL130	-	2.7	RNAV1
50	TF	AA214	-	2(7.5)	5.12	22.2	L	+FL180	-	1.9	RNAV1
60	TF	AA216	-	78(83.4)	5.12	11.5	R	+FL200	-	1.9	RNAV1
70	TF	DESOK	-	43(47.9)	5.12	16.7	L	+FL230	-	1.9	RNAV1

WAYPOINT LIST

DESOK 1E RWY 23L /23R		
Waypoint Identifier	Coordinates	
DER	432044.98N	0770119.63E
AA203	431849.98N	0765727.89E
AA208	432728.82N	0764838.42E
A210	433655.42N	0770804.67E
AA212	434151.85N	0771820.09E
AA214	440355.00N	0772220.69E
AA216	440515.61N	0773810.75E
DESOK	441629.00N	0775521.00E

TABULAR DESCRIPTION

DOTAL 1F RWY 23L /23R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
10	CF	AA203	Y	231(235.8)	5.12	3.4	-	+3000	-240	2.7	RNAV1
20	DF	AA208	-		5.12	12.4	R	-10000	-	2.7	RNAV1
30	TF	AA210	-	51(56.4)	5.12	17	R	+11000	-	2.7	RNAV1
40	TF	AA212	-	51(56.5)	5.12	8.9	-	+FL130	-	2.7	RNAV1
50	TF	AA214	-	2(7.5)	5.12	22.2	L	+FL180	-	1.9	RNAV1
60	TF	AA216	-	78(83.4)	5.12	11.5	R	+FL200	-	1.9	RNAV1
70	TF	DOTAL	-	79(83.8)	5.12	22.4	-	+FL250	-	1.9	RNAV1

WAYPOINT LIST

DOTAL 1F RWY 23L /23R		
Waypoint Identifier	Coordinates	
DER	432044.98N	0770119.63E
AA203	431849.98N	0765727.89E
AA208	432728.82N	0764838.42E
A210	433655.42N	0770804.67E
AA212	434151.85N	0771820.09E
AA214	440355.00N	0772220.69E
AA216	440515.61N	0773810.75E
DOTAL	440745.00N	0780904.00E

TABULAR DESCRIPTION

GOGDO 1A RWY 23L /23R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly - over	Course °M(°T)	Magnetic Variation(°)	Distance NM	Turn Direction	Altitude FT	Speed KT	VPA (°)	Navigation Specification
10	CF	AA203	Y	231(235.8)	5.12	3.4	-	+3000	-240	2.7	RNAV1
20	DF	AA208	-		5.12	12.4	R	-10000	-	2.7	RNAV1
30	TF	AA210	-	51(56.4)	5.12	17	R	+11000	-	2.7	RNAV1
40	TF	AA212	-	51(56.5)	5.12	8.9	-	+FL130	-	2.7	RNAV1
50	TF	AA214	-	2(7.5)	5.12	22.2	L	+FL180	-	1.9	RNAV1
60	TF	GOGDO	-	2(7.6)	5.12	21.7	-	+FL220	-	1.9	RNAV1

WAYPOINT LIST

GOGDO 1A RWY 23L /23R		
Waypoint Identifier	Coordinates	
DER	432044.98N	0770119.63E
AA203	431849.98N	0765727.89E
AA208	432728.82N	0764838.42E
AA210	433655.42N	0770804.67E
AA212	434151.85N	0771820.09E
AA214	440355.00N	0772220.69E
GOGDO	442524.00N	0772618.00E