

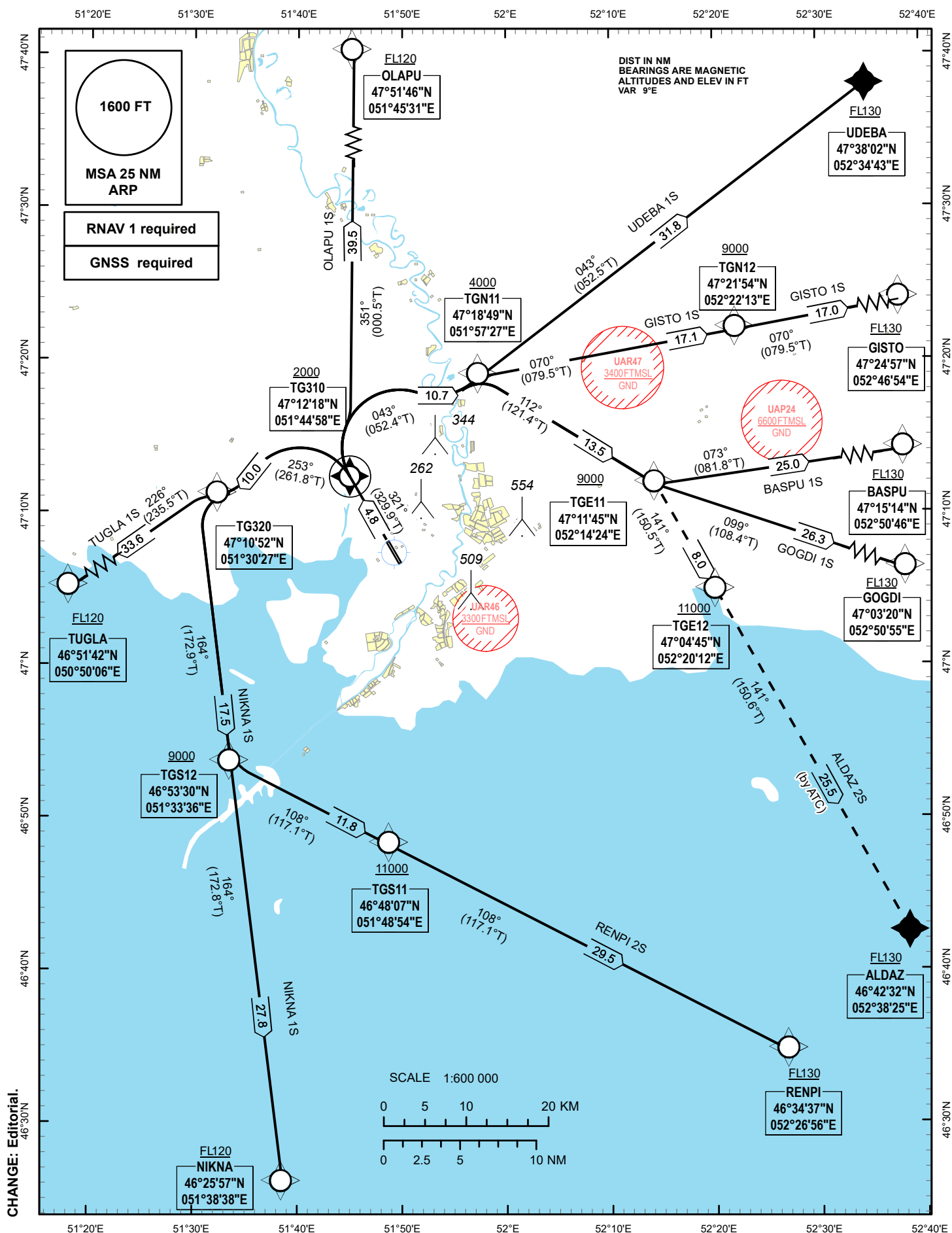
STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10000 FT

ATYRAU TOWER 118.1
ATYRAU ATIS (EN) 127.4
ATYRAU ATIS (RU) 126.6

ATYRAU
RWY 32

ALDAZ 2S, BASPU 1S, GISTO 1S, GOGDI 1S, NIKNA 1S, OLAPU 1S, RENPI 2S, TUGLA 1S, UDEBA 1S



CHANGE: Editorial.
46°30'N

TABULAR DESCRIPTION											
ALDAZ 2S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TGN11	-	043(052.4)	+9.2	10.7	R	+4000	-	1.3	RNAV 1
30	TF	TGE11	-	112(121.4)	+9.2	13.5	R	+9000	-	3.5	RNAV 1
40	TF	TGE12	-	141(150.5)	+9.2	8.0	R	+11000	-	2.3	RNAV 1
50	TF	ALDAZ	-	141(150.6)	+9.2	25.5	-	+FL 130	-	0.7	RNAV 1

TABULAR DESCRIPTION											
BASPU 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TGN11	-	043(052.4)	+9.2	10.7	R	+4000	-	1.3	RNAV 1
30	TF	TGE11	-	112(121.4)	+9.2	13.5	R	+9000	-	3.5	RNAV 1
40	TF	BASPU	-	073(081.8)	+9.2	25.0	L	+FL 130	-	1.5	RNAV 1

TABULAR DESCRIPTION											
GISTO 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TGN11	-	043(052.4)	+9.2	10.7	R	+4000	-	1.4	RNAV 1
30	TF	TGN12	-	070(079.5)	+9.2	17.1	R	+9000	-	2.8	RNAV 1
40	TF	GISTO	-	070(079.5)	+9.2	17.0	-	+FL 130	-	2.2	RNAV 1

TABULAR DESCRIPTION											
GOGDI 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TGN11	-	043(052.4)	+9.2	10.7	R	+4000	-	1.3	RNAV 1
30	TF	TGE11	-	112(121.4)	+9.2	13.5	R	+9000	-	3.5	RNAV 1
40	TF	GOGDI	-	099(108.4)	+9.2	26.3	L	+FL 130	-	1.4	RNAV 1

TABULAR DESCRIPTION											
NIKNA 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TG320	-	253(261.8)	+9.2	10.0	L	-	-	-	RNAV 1
30	TF	TGS12	-	164(172.9)	+9.2	17.5	L	+9000	-	2.2	RNAV 1
40	TF	NIKNA	-	164(172.8)	+9.2	27.8	-	+FL 120	-	1	RNAV 1

TABULAR DESCRIPTION											
OLAPU 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	OLAPU	-	351(000.5)	+9.2	39.5	R	+FL 120	-	2.4	RNAV 1

TABULAR DESCRIPTION											
RENPI 2S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TG320	-	253(261.8)	+9.2	10.0	L	-	-	-	RNAV 1
30	TF	TGS12	-	164(172.9)	+9.2	17.5	L	+9000	-	2.2	RNAV 1
40	TF	TGS11	-	108(117.1)	+9.2	11.8	L	+11000	-	1.6	RNAV 1
50	TF	RENPI	-	108(117.1)	+9.2	29.5	-	+FL 130	-	0.6	RNAV 1

TABULAR DESCRIPTION											
TUGLA 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TG320	-	253(261.8)	+9.2	10.0	L	-	-	-	RNAV 1
30	TF	TUGLA	-	226(235.5)	+9.2	33.6	L	+FL 120	-	2.1	RNAV 1

TABULAR DESCRIPTION											
UDEBA 1S											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH	Navigation Specification
10	CF	TG310	Y	321(329.9)	+9.2	4.8	-	+2000	-	4	RNAV 1
20	TF	TGN11	-	043(052.4)	+9.2	10.7	R	+4000	-	1.4	RNAV 1
30	TF	UDEBA	-	043(052.5)	+9.2	31.8	-	+FL 130	-	2.7	RNAV 1

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
ALDAZ	464232.00N	0523825.00E
BASPU	471514.00N	0525046.00E
DEP	470809.85N	0514829.51E
GISTO	472457.00N	0524654.00E
GOGDI	470320.00N	0525055.00E
NIKNA	462557.00N	0513838.00E
OLAPU	475146.00N	0514531.00E
RENPI	463437.00N	0522656.00E
TG310	471218.00N	0514458.00E
TG320	471052.00N	0513027.00E
TGE11	471145.00N	0521424.00E
TGE12	470445.00N	0522012.00E
TGN11	471849.00N	0515727.00E
TGN12	472154.00N	0522213.00E
TGS11	464807.00N	0514854.00E
TGS12	465330.00N	0513336.00E
TUGLA	465142.00N	0505006.00E
UDEBA	473802.00N	0523443.00E