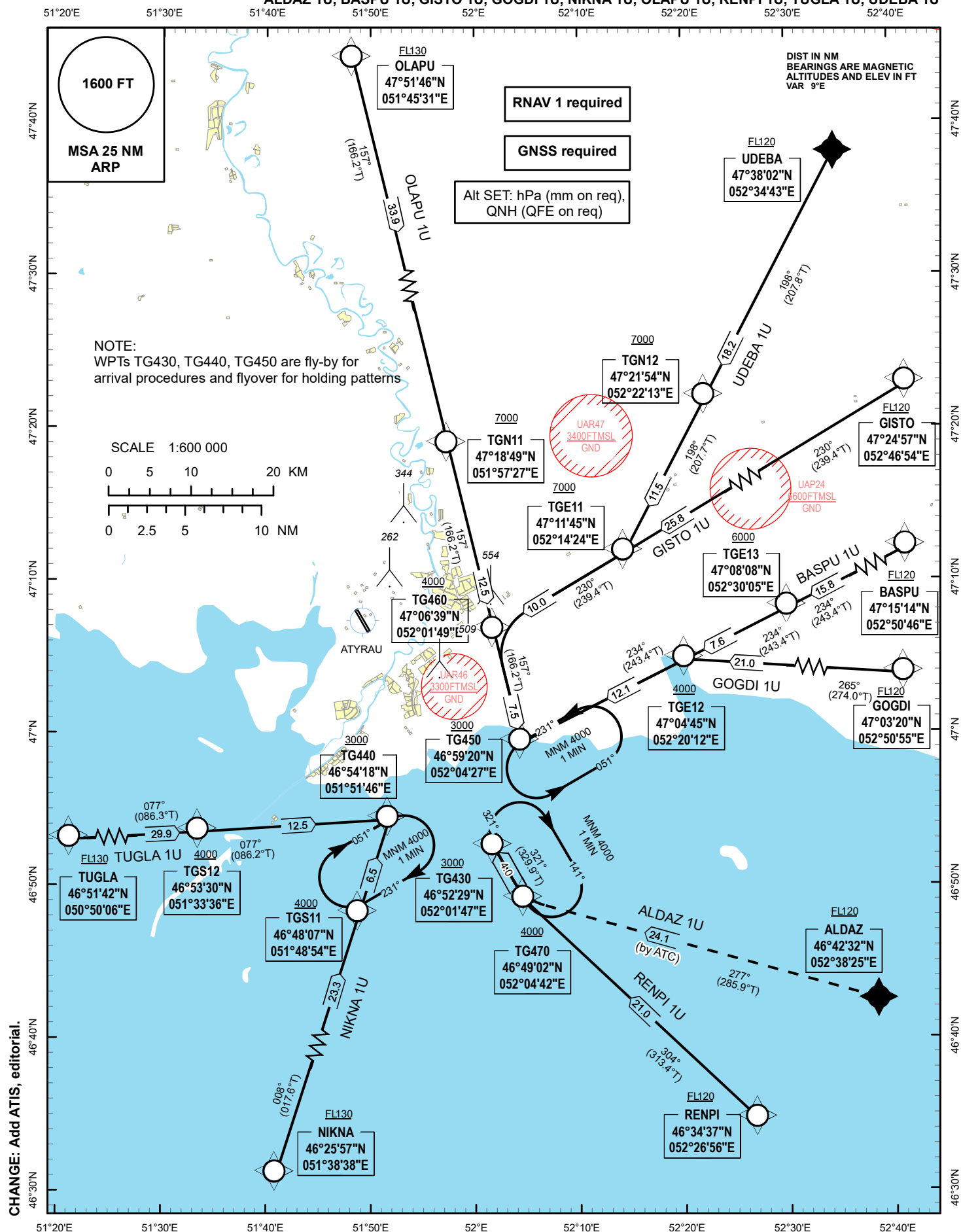


TRANSITION ALTITUDE
10000 ft

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

ATYRAU
RWY 32

ALDAZ 1U, BASPU 1U, GISTO 1U, GOGDI 1U, NIKNA 1U, OLAPU 1U, RENPI 1U, TUGLA 1U, UDEBA 1U



CHANGE: Add ATIS, editorial.

TABULAR DESCRIPTION									
ALDAZ 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	ALDAZ	-	-	-	-	+FL120	-	RNAV 1
002	TF	TG470	-	277 (285.9)	24.1	-	+4000	-	RNAV 1
003	TF	TG430	-	321 (329.9)	4.0	R	+3000	-	RNAV 1

TABULAR DESCRIPTION									
BASPU 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	BASPU	-	-	-	-	+FL120	-	RNAV 1
002	TF	TGE13	-	234 (243.4)	15.8	-	+6000	-	RNAV 1
003	TF	TGE12	-	234 (243.4)	7.6	-	+4000	-	RNAV 1
004	TF	TG450	-	234 (243.4)	12.1	-	+3000	-	RNAV 1

TABULAR DESCRIPTION									
GISTO 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	GISTO	-	-	-	-	+FL120	-	RNAV 1
002	TF	TGE11	-	230 (239.4)	25.8	-	+7000	-	RNAV 1
003	TF	TG460	-	230 (239.4)	10.0	-	+4000	-	RNAV 1
004	TF	TG450	-	157 (166.2)	7.5	L	+3000	-	RNAV 1

TABULAR DESCRIPTION									
GOGDI 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	GOGDI	-	-	-	-	+FL120	-	RNAV 1
002	TF	TGE12	-	265 (274.0)	21.0	-	+4000	-	RNAV 1
003	TF	TG450	-	234 (243.4)	12.1	L	+3000	-	RNAV 1

TABULAR DESCRIPTION									
NIKNA 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	NIKNA	-	-	-	-	+FL130	-	RNAV 1
002	TF	TGS11	-	008 (017.6)	23.3	-	+4000	-	RNAV 1
003	TF	TG440	-	008 (017.6)	6.5	-	+3000	-	RNAV 1

TABULAR DESCRIPTION									
OLAPU 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	OLAPU	-	-	-	-	+FL130	-	RNAV 1
002	TF	TGN11	-	157 (166.2)	33.9	-	+7000	-	RNAV 1
003	TF	TG460	-	157 (166.2)	12.5	-	+4000	-	RNAV 1
004	TF	TG450	-	157 (166.2)	7.5	-	+3000	-	RNAV 1

TABULAR DESCRIPTION									
RENPI 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	RENPI	-	-	-	-	+FL120	-	RNAV 1
002	TF	TG470	-	304 (313.4)	21.0	-	+4000	-	RNAV 1
003	TF	TG430	-	321 (329.9)	4.0	R	+3000	-	RNAV 1

TABULAR DESCRIPTION									
TUGLA 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	TUGLA	-	-	-	-	+FL130	-	RNAV 1
002	TF	TGS12	-	077 (086.3)	29.9	-	+4000	-	RNAV 1
003	TF	TG440	-	077 (086.2)	12.5	-	+3000	-	RNAV 1

TABULAR DESCRIPTION									
UDEBA 1U									
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	IF	UDEBA	-	-	-	-	+FL120	-	RNAV 1
002	TF	TGN12	-	198 (207.8)	18.2	-	+7000	-	RNAV 1
003	TF	TGE11	-	198 (207.7)	11.5	-	+7000	-	RNAV 1
004	TF	TG460	-	230 (239.4)	10.0	R	+4000	-	RNAV 1
005	TF	TG450	-	157 (166.2)	7.5	L	+3000	-	RNAV 1

WAYPOINT LIST					
Waypoint Identifier		Coordinates		Waypoint Identifier	
TG430		465229.00N	0520147.00E	TGS12	
				465330.00N 0513336.00E	
TG440		465418.00N	0515146.00E	ALDAZ	
				464232.00N 0523825.00E	
TG450		465920.00N	0520427.00E	BASPU	
				471514.00N 0525046.00E	
TG460		470639.00N	0520149.00E	GISTO	
				472457.00N 0524654.00E	
TG470		464902.00N	0520442.00E	GOGDI	
				470320.00N 0525055.00E	
TGE11		471145.00N	0521424.00E	NIKNA	
				462557.00N 0513838.00E	
TGE12		470445.00N	0522012.00E	OLAPU	
				475146.00N 0514531.00E	
TGE13		470808.00N	0523005.00E	RENPI	
				463437.00N 0522656.00E	
TGN11		471849.00N	0515727.00E	TUGLA	
				465142.00N 0505006.00E	
TGN12		472154.00N	0522213.00E	UDEBA	
				473802.00N 0523443.00E	
TGS11		464807.00N	0514854.00E		

HOLDINGS								
Path Descriptor	Waypoint Identifier	Inbound Course °M (°T)	Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed limit (KT)	Navigation Specification
Hold	TG430	321 (329.9)	1	R	+4000	-	-	RNAV 1
Hold	TG440	051 (059.9)	1	R	+4000	-	-	RNAV 1
Hold	TG450	231 (239.9)	1	L	+4000	-	-	RNAV 1