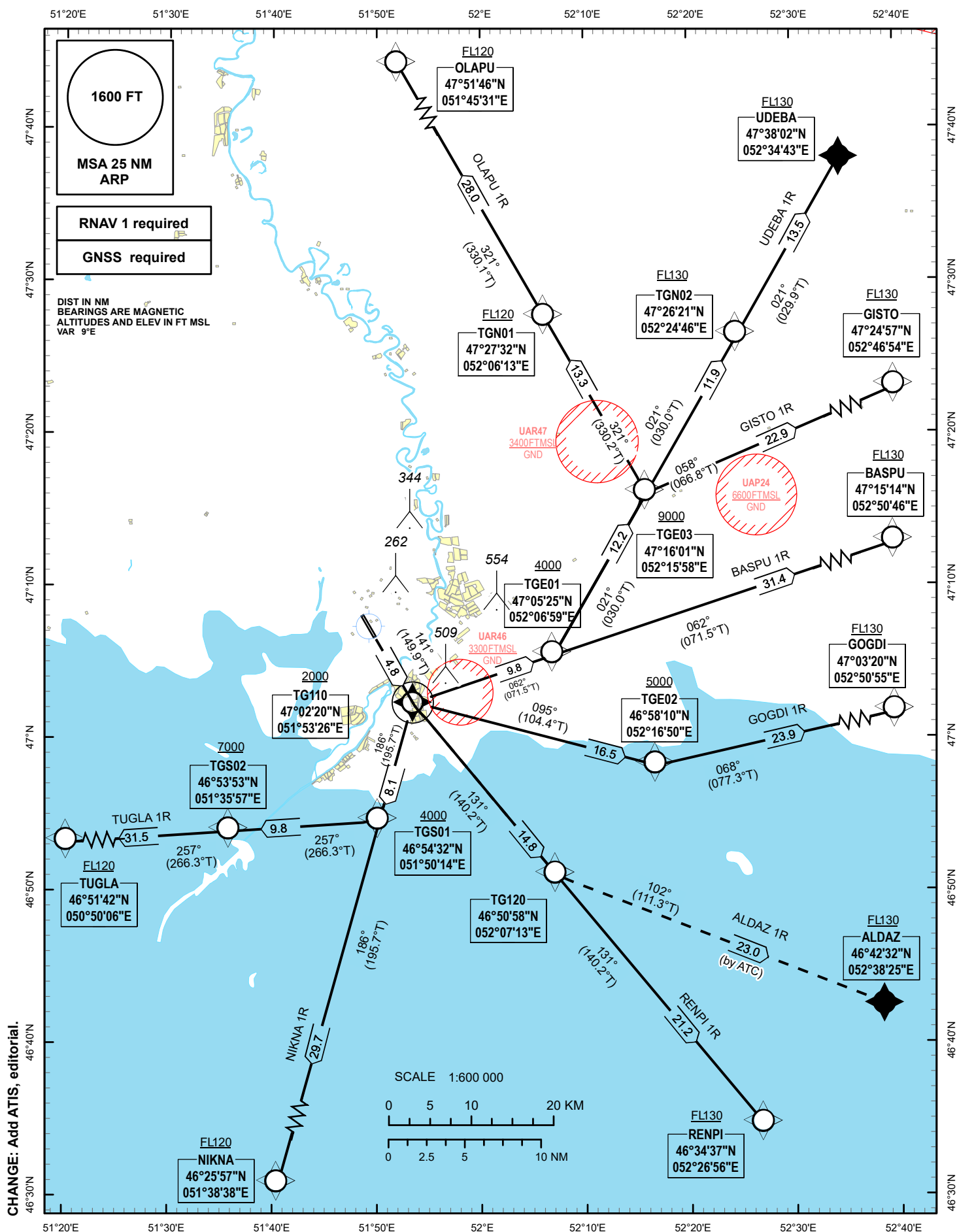


TRANSITION ALTITUDE
10000 FT

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

ATYRAU
RWY 14

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



CHANGE: Add ATIS, editorial.

TABULAR DESCRIPTION											
ALDAZ 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TG120	-	131(140.2)	+9.2	14.8	L	-	-	-	RNAV 1
30	TF	ALDAZ	-	102(111.3)	+9.2	23.0	L	+FL 130	-	-	RNAV 1

TABULAR DESCRIPTION											
BASPU 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGE01	-	062(071.5)	+9.2	9.8	L	+4000	-	-	RNAV 1
30	TF	BASPU	-	062(071.5)	+9.2	31.4	-	+FL 130	-	-	RNAV 1

TABULAR DESCRIPTION											
GISTO 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGE01	-	062(071.5)	+9.2	9.8	L	+4000	-	-	RNAV 1
30	TF	TGE03	-	021(030.0)	+9.2	12.2	L	+9000	-	-	RNAV 1
40	TF	GISTO	-	058(066.8)	+9.2	22.9	R	+FL 130	-	-	RNAV 1

TABULAR DESCRIPTION											
GOGDI 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGE02	-	095(104.4)	+9.2	16.5	L	+5000	-	-	RNAV 1
30	TF	GOGDI	-	068(077.3)	+9.2	23.9	L	+FL 130	-	-	RNAV 1

TABULAR DESCRIPTION											
NIKNA 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGS01	-	186(195.7)	+9.2	8.1	R	+4000	-	-	RNAV 1
30	TF	NIKNA	-	186(195.7)	+9.2	29.7	-	+FL 120	-	-	RNAV 1

TABULAR DESCRIPTION											
OLAPU 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGE01	-	062(071.5)	+9.2	9.8	L	+4000	-	-	RNAV 1
30	TF	TGE03	-	021(030.0)	+9.2	12.2	L	+9000	-	-	RNAV 1
40	TF	TGN01	-	321(330.2)	+9.2	13.3	L	+FL 120	-	-	RNAV 1
50	TF	OLAPU	-	321(330.1)	+9.2	28.0	-	+FL 120	-	-	RNAV 1

TABULAR DESCRIPTION											
RENPI 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TG120	-	131(140.2)	+9.2	14.8	L	-	-	-	RNAV 1
30	TF	RENPI	-	131(140.2)	+9.2	21.2	-	+FL 130	-	-	RNAV 1

TABULAR DESCRIPTION											
TUGLA 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGS01	-	186(195.7)	+9.2	8.1	R	+4000	-	-	RNAV 1
30	TF	TGS02	-	257(266.3)	+9.2	9.8	R	+7000	-	-	RNAV 1
40	TF	TUGLA	-	257(266.3)	+9.2	31.5	-	+FL 120	-	-	RNAV 1

TABULAR DESCRIPTION											
UDEBA 1R											
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M(°T)	Magnetic Variation(°)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	VPA/TCH (°) / FT	Navigation Specification
10	CF	TG110	Y	141(149.9)	+9.2	4.8	-	+2000	-	-	RNAV 1
20	TF	TGE01	-	062(071.5)	+9.2	9.8	L	+4000	-	-	RNAV 1
30	TF	TGE03	-	021(030.0)	+9.2	12.2	L	+9000	-	-	RNAV 1
40	TF	TGN02	-	021(030.0)	+9.2	11.9	-	+FL 130	-	-	RNAV 1
50	TF	UDEBA	-	021(029.9)	+9.2	13.5	-	+FL 130	-	-	RNAV 1

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
ALDAZ	464232.00N	0523825.00E
BASPU	471514.00N	0525046.00E
DEP	470629.00N	0514955.18E
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
TG110	470220.00N	0515326.00E
TG120	465058.00N	0520713.00E
TGE01	470525.00N	0520659.00E
TGE02	465810.00N	0521650.00E
TGE03	471601.00N	0521558.00E
TGN01	472732.00N	0520613.00E
TGN02	472621.00N	0522446.00E
TGS01	465432.00N	0515014.00E
TGS02	465353.00N	0513557.00E
TUGLA	465142.00N	0505006.00E
UDEBA	473802.00N	0523443.00E