

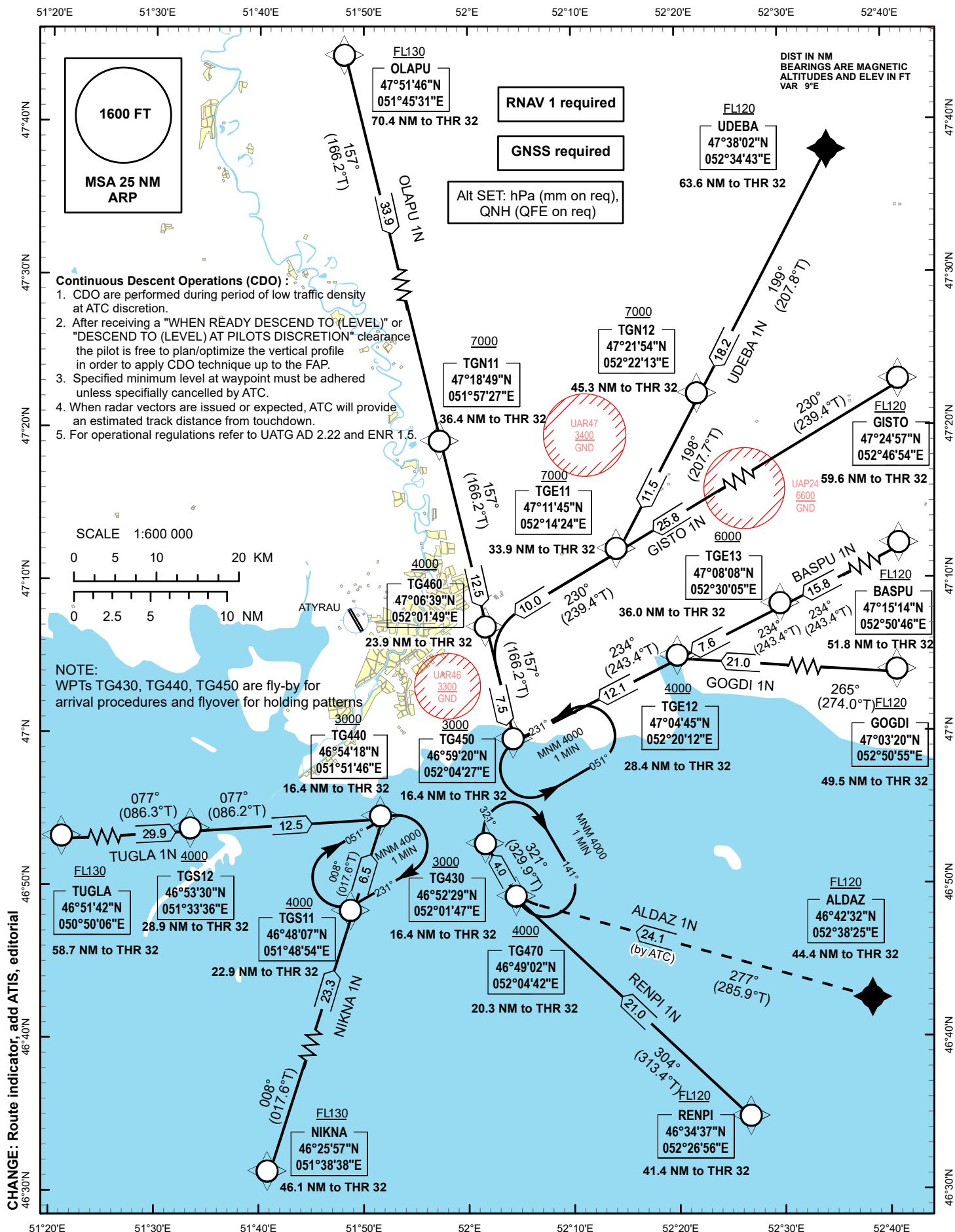
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10000 FT

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

ATYRAU
RWY 32

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



TABULAR DESCRIPTION

RNAV 1 STAR RWY 32										
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification	Distance to THR (NM)
ALDAZ 1N										
001	IF	ALDAZ	-	-	-	-	+FL120	-	RNAV 1	44.4
002	TF	TG470	-	277 (285.9)	24.1	-	+4000	-	RNAV 1	20.3
003	TF	TG430	-	321 (329.9)	4.0	R	+3000	-	RNAV 1	16.4
BASPU 1N										
001	IF	BASPU	-	-	-	-	+FL120	-	RNAV 1	51.8
002	TF	TGE13	-	234 (243.4)	15.8	-	+6000	-	RNAV 1	36.0
003	TF	TGE12	-	234 (243.4)	7.6	-	+4000	-	RNAV 1	28.4
004	TF	TG450	-	234 (243.4)	12.1	-	+3000	-	RNAV 1	16.4
GISTO 1N										
001	IF	GISTO	-	-	-	-	+FL120	-	RNAV 1	59.6
002	TF	TGE11	-	230 (239.4)	25.8	-	+7000	-	RNAV 1	33.9
003	TF	TG460	-	230 (239.4)	10.0	-	+4000	-	RNAV 1	23.9
004	TF	TG450	-	157 (166.2)	7.5	L	+3000	-	RNAV 1	16.4
GOGDI 1N										
001	IF	GOGDI	-	-	-	-	+FL120	-	RNAV 1	49.5
002	TF	TGE12	-	265 (274.0)	21.0	-	+4000	-	RNAV 1	28.4
003	TF	TG450	-	234 (243.4)	12.1	L	+3000	-	RNAV 1	16.4
NIKNA 1N										
001	IF	NIKNA	-	-	-	-	+FL130	-	RNAV 1	46.1
002	TF	TGS11	-	008 (017.6)	23.3	-	+4000	-	RNAV 1	22.9
003	TF	TG440	-	008 (017.6)	6.5	-	+3000	-	RNAV 1	16.4
OLAPU 1N										
001	IF	OLAPU	-	-	-	-	+FL130	-	RNAV 1	70.4
002	TF	TGN11	-	157 (166.2)	33.9	-	+7000	-	RNAV 1	36.4
003	TF	TG460	-	157 (166.2)	12.5	-	+4000	-	RNAV 1	23.9
004	TF	TG450	-	157 (166.2)	7.5	-	+3000	-	RNAV 1	16.4
RENPI 1N										
001	IF	RENPI	-	-	-	-	+FL120	-	RNAV 1	41.4
002	TF	TG470	-	304 (313.4)	21.0	-	+4000	-	RNAV 1	20.3
003	TF	TG430	-	321 (329.9)	4.0	R	+3000	-	RNAV 1	16.4
TUGLA 1N										
001	IF	TUGLA	-	-	-	-	+FL130	-	RNAV 1	58.7
002	TF	TGS12	-	077 (086.3)	29.9	-	+4000	-	RNAV 1	28.9
003	TF	TG440	-	077 (086.2)	12.5	-	+3000	-	RNAV 1	16.4
UDEBA 1N										
001	IF	UDEBA	-	-	-	-	+FL120	-	RNAV 1	63.6
002	TF	TGN12	-	199 (207.8)	18.2	-	+7000	-	RNAV 1	45.3
003	TF	TGE11	-	198 (207.7)	11.5	-	+7000	-	RNAV 1	33.9
004	TF	TG460	-	230 (239.4)	10.0	R	+4000	-	RNAV 1	23.9
005	TF	TG450	-	157 (166.2)	7.5	L	+3000	-	RNAV 1	16.4

WAYPOINT LIST

RNAV 1 STAR RWY 32		
Waypoint Identifier	Coordinates	
ALDAZ	464232.00 N	0523825.00
BASPU	471514.00 N	0525046.00
GISTO	472457.00 N	0524654.00
GOGDI	470320.00 N	0525055.00
NIKNA	462557.00 N	0513838.00
OLAPU	475146.00 N	0514531.00
RENPI	463437.00 N	0522656.00
TG430	465229.00 N	0520147.00
TG440	465418.00 N	0515146.00
TG450	465920.00 N	0520427.00
TG460	470639.00 N	0520149.00
TG470	464902.00 N	0520442.00
TGE11	471145.00 N	0521424.00
TGE12	470445.00 N	0522012.00
TGE13	470808.00 N	0523005.00
TGN11	471849.00 N	0515727.00
TGN12	472154.00 N	0522213.00
TGS11	464807.00 N	0514854.00
TGS12	465330.00 N	0513336.00
TUGLA	465142.00 N	0505006.00
UDEBA	473802.00 N	0523443.00

HOLDINGS

RNAV 1 STAR RWY 32								
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