



BULLETIN DE MISE A JOUR

Updating bulletin

AMDT 13 / 2022

DATE DE MISE EN VIGUEUR / IMPLEMENTATION DATE 2022-12-29

CHANGEMENTS DANS CET AMENDEMENT		CHANGEMENTS DANS CET AMENDEMENT	
Changes in this amendment		Changes in this amendment	
Sections	Sujets / Subjects	Sections	Sujets / Subjects
GEN		AD 2	
13 GEN1.1	SENEGAL – Designated authorities contact update	09 AD2.FMNN	NOSY BE – RFF Info update
09 GEN2.5	ANTSIRANANA/ARRACHART – Definitive withdrawal of DME "DI"	09 AD2.FMNA	ANTSIRANANA/ARRACHART - RWY THR coordinates update
00 GEN3.1	ABIDJAN – AIM Telephone Contact update	10 AD2.GAGO	GAO – Update AD2.14
ENR		10 AD2.GAMB	MOPTI – Update AD2.14
00 ENR 4.4	New IAF- 5LNC : GADPI, EVERO, TILUX, DUVRI, UNKAL, NIDEK, DURBO, ETUDO, TEXAT, OKRES, NESIG, GEVER, AVIGA, DUNKO LITAV, TOBEL, SIBED, TINET, DIGRU, PIPTI Withdrawal of IAF BOSKI	AD 2.24	
		03 AD2.24-FKYS	YAOUNDE – Update of IAC, STAR, SID
		03 AD2.24-FKKR	GAROUA – Update of IAC, STAR, SID
		09 AD2.24-FMST	TOLIARY – Update of IAC charts
AD 2		09 AD2.24-FMNA	ANTSIRANANA/ARRACHART - Update of IAC charts
09 AD2.FMMS	SAINTE MARIE – Chane of the transition altitude	09AD2.24-FMMS	SAINTE MARIE – Update of Update of IAC charts

NOTAM INTEGRÉS					
NOTAM incorporated					
BNI Dakar / NOF Dakar		BNI Brazzaville / NOF Brazzaville		BNI Antananarivo / NOF Antananarivo	
Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number
A0922/22	A1013/22	A0109/20	A0907/22		
A0923/22	A0958/22	A0743/22	A0927/22		
A0956/22	A0957/22	A0744/22	A0928/22		
A0955/22		A0882/22	A0929/22		
		A0883/22	A0930/22		
		A0884/22	A0931/22		
		A0885/22	A0932/22		
		A0886/22	A0986/22		
		A0887/22	A0987/22		
		A0888/22	A0988/22		
		A0889/22	A0989/22		
		A0890/22	A0990/22		
		A0892/22	A0991/22		
		A0893/22	A0992/22		
		A0894/22	A993/22		
		A0895/22			

SUP AIP INTEGRÉS					
AIP SUP incorporated					
BNI Dakar / NOF Dakar		BNI Brazzaville / NOF Brazzaville		BNI Antananarivo / NOF Antananarivo	
Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number
		84/A/22FC	65/A/22FC	17/A/22FM	51/A/22FM
				48/A/22FM	53/A/22FM
				50/A/22FM	60/A/22FM

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NON AIRAC MIA NR 12/2022

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13-GEN-1.1.2	29 DEC 2022	13 GEN 1.1.2	12 AUG 2021
13-GEN-1.1.3	29 DEC 2022	13 GEN 1.1.3	18 JUN 2020
09-GEN-2.5.1	29 DEC 2022	09 GEN 2.5.1	08 NOV 2018
00-GEN-3.1.2	29 DEC 2022	00 GEN 3.1.2	03 NOV 2022
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00-ENR-4.4.4	29 DEC 2022	00 ENR 4.4.4	16 JUN 2022
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00-ENR-4.4.16	29 DEC 2022	00 ENR 4.4.16	06 OCT 2022
09-ENR-4.1.1	29 DEC 2022	09 ENR 4.1.1	28 JAN 2021
AD			



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NOSY-BE / FASCENE			
09-AD-2.FMNN.3	29 DEC 2022	09 AD-2.FMNN.3	21 APR 2022
ANTSIRANANA / ARRACHART			
09-AD-2.FMNA.6	29 DEC 2022	09 AD-2.FMNA.6	05 NOV 2020
09-AD-2.FMNA.9	29 DEC 2022	09 AD-2.FMNA.9	21 APR 2022
SAINTE-MARIE			
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09-AD-2.FMMS.9	29 DEC 2022	09 AD-2.FMMS.9	05 NOV 2020
GAO / KOROGOUSSOU			
10-AD-2.GAGO.7	29 DEC 2022	10 AD-2.GAGO.7	17 JUN 2021
MOPTI / AMBODEDJO			
10-AD-2.GAMB.7	29 DEC 2022	10 AD-2.GAMB.7	25 MAR 2021
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03AD2-FKKR-IAC-RNP27	29 DEC 2022	NIL	
03AD2-FKKR-IAC-RNP27-DATA	29 DEC 2022	NIL	
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YAOUNDE / NSIMALEN			
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09AD2-FMMS-IAC-RNP01	29 DEC 2022	NIL	
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09AD2-FMST-IAC-RNP04	29 DEC 2022	NIL	
09AD2-FMST-IAC-RNP04-DATA	29 DEC 2022	NIL	
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GEN 0.2 ENREGISTREMENT DES AMENDEMENTS AIP
RECORD OF AIP AMENDMENT

AMENDMENT AIP AIP AMENDMENT				AMENDMENT AIRAC AIP AIP AIRAC AMENDMENT			
Numéro/Année NR/Year	Date de publication Publication date	Date d'insertion Date inserted	Inséré par Inserted by	Numéro/Année NR/Year	Date de publication Publication date	Date d'entrée en vigueur Effective date	Inséré par Inserted by
01/22	24 JAN 2022	27 JAN 2022					
02/22	21 FEB 2022	24 FEB 2022					
03/22	21 MAR 2022	24 MAR 2022					
04/22	18 APR 2022	21 APR 2022					
05/22	16 MAY 2022	19 MAY 2022					
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07/22	11 JUL 2022	14 JUL 2022					
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Part 1	Généralités (GEN)		00 GEN 1.7-12	08 NOV 2018	05 GEN 1.2-1	28 MAR 2019
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05 ENR 1.8-4	23 MAY 2019	10 ENR 1.8-3	03 NOV 2022	14 ENR 1.8-4	15 JUL 2021
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ENR 2					
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07 ENR 2.1-51	21 APR 2022	00 ENR 3.1-27	19 MAY 2022	00 ENR 3.2-29	19 MAY 2022
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				00 ENR 3.2-45	19 MAY 2022



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00 ENR 3.3-4	19 MAY 2022	00 ENR 3.3-76	19 MAY 2022	00 ENR 5.3-1	08 NOV 2018
00 ENR 3.3-5	19 MAY 2022	00 ENR 3.3-77	19 MAY 2022	00 ENR 5.3-2	08 NOV 2018
00 ENR 3.3-6	03 JAN 2019	00 ENR 3.3-78	19 MAY 2022		
00 ENR 3.3-7	19 MAY 2022	00 ENR 3.3-79	19 MAY 2022		

00 ENR 5.3-3	08 NOV 2018	09 ENR 5.1-4	05 DEC 2019	15 ENR 5.1-1	12 AUG 2021
00 ENR 5.3-4	08 NOV 2018	09 ENR 5.1-5	08 NOV 2018	15 ENR 5.1-2	17 JUN 2021
00 ENR 5.3-5	08 NOV 2018	09 ENR 5.1-6	05 DEC 2019	15ENR5-DX-TOURISM	08 NOV 2018
00 ENR 5.3-6	08 NOV 2018	09 ENR 5.1-7	08 NOV 2018	15 ENR 5.4-1	08 NOV 2018
00 ENR 5.3-7	08 NOV 2018	09 ENR 5.3-1	08 NOV 2018	16 ENR 5.1-1	08 NOV 2018
00ENR5-ASECNA-INHOSP	08 NOV 2018	09 ENR 5.3-2	08 NOV 2018	16 ENR 5.4-1	08 NOV 2018
00 ENR 5.3-13	08 NOV 2018	09 ENR 5.3-3	08 NOV 2018	17 ENR 5.1-1	26 MAR 2020
00 ENR 5.3-15	08 NOV 2018	09 ENR 5.3-4	08 NOV 2018	17 ENR 5.4-1	08 NOV 2018
00 ENR 5.3-16	08 NOV 2018	09 ENR 5.3-5	08 NOV 2018		
00 ENR 5.3-17	08 NOV 2018	09 ENR 5.3-6	08 NOV 2018	ENR 6	
00 ENR 5.3-18	08 NOV 2018	09 ENR 5.3-7	08 NOV 2018	00ENR6-ASECNA-ENRC-OCL	08 NOV 2018
00 ENR 5.3-21	05 DEC 2019	09ENR5-FM-INHOSP	08 NOV 2018	00ENR6-ASECNA-ENRC-FML	08 NOV 2018
00 ENR 5.3-22	05 DEC 2019	09 ENR 5.3-11	08 NOV 2018	00ENR6-ASECNA-ENRC-OCU	08 NOV
00 ENR 5.3-23	08 NOV 2018	09 ENR 5.3-12	08 NOV 2018	2018	
00 ENR 5.3-24	08 NOV 2018	09 ENR 5.3-13	08 NOV 2018	00ENR6-ASECNA-ENRC-FMU	08 NOV
00 ENR 5.4-1	08 NOV 2018	09 ENR 5.3-15	08 NOV 2018	2018	
00 ENR 5.5-1	08 NOV 2018	09 ENR 5.3-16	08 NOV 2018	00ENR6-ASECNA-ENRCP-WA	06 OCT
00 ENR 5.6-1	05 DEC 2019	09 ENR 5.3-17	08 NOV 2018	2022	
01 ENR 5.1-1	15 JUL 2021	09 ENR 5.3-19	08 NOV 2018	00ENR6-ASECNA-ENRCP-CA	03 NOV 2022
01 ENR 5.1-2	15 JUL 2021	09 ENR 5.3-20	08 NOV 2018	00ENR6-ASECNA-ENRCP-MA	03 NOV
01ENR5-DB-TOURISM	08 NOV 2018	09 ENR 5.3-21	08 NOV 2018	2022	
01 ENR 5.4-1	08 NOV 2018	09ENR5-FM-VFR	08 NOV 2018	Part 3.1 Aérodrômes (AD)	
01 ENR 5.4-2	08 NOV 2018	09 ENR 5.4-1	08 NOV 2018	Aerodromes (AD)	
02 ENR 5.1-1	08 NOV 2018	09 ENR 5.4-2	08 NOV 2018	AD 0	
02ENR5-DF-TOURISM	08 NOV 2018	09 ENR 5.4-3	08 NOV 2018		
02 ENR 5.4-1	08 NOV 2018	09 ENR 5.4-4	08 NOV 2018	00 AD 0.6-1	11 AUG 2022
02 ENR 5.4-2	20 MAY 2021	09 ENR 5.4-5	08 NOV 2018	00 AD 0.6-2	11 AUG 2022
02 ENR 5.4-3	20 MAY 2021	09 ENR 5.4-6	08 NOV 2018	00 AD 0.6-3	11 AUG 2022
03 ENR 5.1-1	08 NOV 2018	09 ENR 5.4-7	23 APR 2020	00 AD 0.6-4	11 AUG 2022
03 ENR 5.1-2	08 NOV 2018	09 ENR 5.4-8	23 APR 2020	00 AD 0.6-5	11 AUG 2022
03 ENR 5.1-3	05 DEC 2019	09 ENR 5.4-9	23 APR 2020	00 AD 0.6-6	11 AUG 2022
03ENR5-FK-TOURISM	28 FEB 2019	09 ENR 5.4-10	08 OCT 2020	00 AD 0.6-7	11 AUG 2022
03 ENR 5.3-3	08 NOV 2018	09 ENR 5.4-11	08 OCT 2020	00 AD 0.6-8	11 AUG 2022
03 ENR 5.4-1	21 APR 2022	10 ENR 5.1-1	05 DEC 2019	00 AD 0.6-9	11 AUG 2022
03 ENR 5.4-2	21 APR 2022	10 ENR 5.1-2	21 MAY 2020	00 AD 0.6-10	11 AUG 2022
03 ENR 5.4-3	21 APR 2022	10ENR5-GA-TOURISM	08 NOV 2018	00 AD 0.6-11	11 AUG 2022
03 ENR 5.4-4	21 APR 2022	10 ENR 5.4-1	08 NOV 2018	00 AD 0.6-12	11 AUG 2022
03 ENR 5.4-5	21 APR 2022	10 ENR 5.4-2	08 NOV 2018	00 AD 0.6-13	11 AUG 2022
03 ENR 5.4-6	21 APR 2022	10 ENR 5.4-3	08 NOV 2018	00 AD 0.6-14	11 AUG 2022
04 ENR 5.1-1	08 NOV 2018	10 ENR 5.4-4	08 NOV 2018	00 AD 0.6-15	11 AUG 2022
04ENR5-FE-TOURISM	08 NOV 2018	10 ENR 5.4-5	08 NOV 2018	00 AD 0.6-16	11 AUG 2022
04 ENR 5.4-1	08 NOV 2018	11 ENR 5.1-1	18 JUN 2020	00 AD 0.6-17	11 AUG 2022
04 ENR 5.4-2	08 NOV 2018	11 ENR 5.1-2	08 NOV 2018	00 AD 0.6-18	11 AUG 2022
05 ENR 5.1-1	08 NOV 2018	11 ENR 5.1-3	05 DEC 2019	00 AD 0.6-19	11 AUG 2022
05 ENR 5.1-2	08 NOV 2018	11ENR5-GQ-TOURISM	08 NOV 2018	00 AD 0.6-20	11 AUG 2022
05ENR5-FC-TOURISM	08 NOV 2018	11 ENR 5.4-1	08 NOV 2018	00 AD 0.6-21	11 AUG 2022
05 ENR 5.4-1	08 NOV 2018	11 ENR 5.4-2	08 NOV 2018	00 AD 0.6-22	01 DEC 2022
05 ENR 5.4-2	08 NOV 2018	12 ENR 5.1-1	08 NOV 2018	00 AD 0.6-23	11 AUG 2022
06 ENR 5.1-1	05 DEC 2019	12ENR5-DR-TOURISM	08 NOV 2018	00 AD 0.6-24	11 AUG 2022
06 ENR 5.1-2	05 DEC 2019	12 ENR 5.4-1	24 MAR 2022	00 AD 0.6-25	11 AUG 2022
06ENR5-DI-TOURISM	08 NOV 2018	12 ENR 5.4-2	24 MAR 2022	00 AD 0.6-26	11 AUG 2022
06 ENR 5.4-1	08 NOV 2018	12 ENR 5.4-3	13 AUG 2020	00 AD 0.6-27	11 AUG 2022
06 ENR 5.4-2	08 NOV 2018	13 ENR 5.1-1	08 NOV 2018	00 AD 0.6-28	11 AUG 2022
06 ENR 5.4-3	08 NOV 2018	13 ENR 5.1-2	05 DEC 2019	00 AD 0.6-29	11 AUG 2022
06 ENR 5.4-4	24 MAR 2022	13 ENR 5.1-3	03 NOV 2022	00 AD 0.6-30	07 OCT 2021
06 ENR 5.4-5	24 MAR 2022	13 ENR 5.1-4	03 NOV 2022	00 AD 0.6-31	16 JUN 2022
06 ENR 5.4-6	24 MAR 2022	13ENR5-GO-TOURISM	08 NOV 2018	00 AD 0.6-32	07 OCT 2021
07 ENR 5.1-1	05 DEC 2019	13ENR5-GO-GOR2	28 FEB 2019	00 AD 0.6-33	16 JUN 2022
07 ENR 5.1-2	27 FEB 2020	13ENR5-GO-GOR3	28 FEB 2019	00 AD 0.6-34	07 OCT 2021
07 ENR 5.1-3	05 DEC 2019	13ENR5-GO-GOR4	28 FEB 2019	00 AD 0.6-35	07 OCT 2021
07ENR5-FO-TOURISM	08 NOV 2018	13ENR5-GO-GOR5	28 FEB 2019	00 AD 0.6-36	30 DEC 2021
07 ENR 5.3-3	08 NOV 2018	13ENR5-GO-GOR10	28 FEB 2019	00 AD 0.6-37	07 OCT 2021
07 ENR 5.3-4	08 NOV 2018	13 ENR 5.4-1	08 NOV 2018	00 AD 0.6-38	07 OCT 2021
07 ENR 5.4-1	08 NOV 2018	13 ENR 5.4-2	08 NOV 2018	00 AD 0.6-39	07 OCT 2021
07 ENR 5.4-2	08 NOV 2018	13 ENR 5.4-3	08 NOV 2018	00 AD 0.6-40	03 NOV 2022
07 ENR 5.4-3	08 NOV 2018	13 ENR 5.4-4	08 NOV 2018	00 AD 0.6-41	07 OCT 2021
08 ENR 5.1-1	08 NOV 2018	13 ENR 5.4-5	08 NOV 2018	00 AD 0.6-42	07 OCT 2021
08 ENR 5.4-1	25 MAR 2021	13 ENR 5.4-6	08 NOV 2018	00 AD 0.6-43	07 OCT 2021
08 ENR 5.4-2	25 MAR 2021	14 ENR 5.1-1	08 NOV 2018	00 AD 0.6-44	27 JAN 2022
09 ENR 5.1-1	05 DEC 2019	14 ENR 5.1-2	08 NOV 2018	00 AD 0.6-45	27 JAN 2022
09 ENR 5.1-2	05 DEC 2019	14ENR5-FT-TOURISM	08 NOV 2018	00 AD 0.6-46	07 OCT 2021
09 ENR 5.1-3	05 DEC 2019	14 ENR 5.4-1	08 NOV 2018		



00 AD 0.6-47	07 OCT 2021
AD 1	
00 AD 1.1-1	08 NOV 2018
00 AD 1.1-2	08 NOV 2018
00 AD 1.1-3	08 NOV 2018
00 AD 1.1-4	04 NOV 2021
00 AD 1.1-5	04 NOV 2021
00 AD 1.1-6	08 NOV 2018
00 AD 1.1-7	08 NOV 2018
00 AD 1.1-8	08 NOV 2018
00 AD 1.1-9	08 NOV 2018
00 AD 1.1-10	08 NOV 2018
00 AD 1.1-11	08 NOV 2018
00 AD 1.1-12	08 NOV 2018
00 AD 1.2-1	08 NOV 2018
00 AD 1.2-2	08 NOV 2018
00 AD 1.4-1	08 NOV 2018
01 AD 1.3-1	08 NOV 2018
01AD1-DB-AD	28 FEB 2019
01 AD 1.3-31	28 JAN 2021
01 AD 1.5-1	14 JUL 2022
02 AD 1.3-1	05 DEC 2019
02 AD 1.3-2	05 DEC 2019
02AD1-DF-AD	28 FEB 2019
02 AD 1.3-31	13 AUG 2020
02 AD 1.3-32	20 MAY 2021
02 AD 1.3-33	20 MAY 2021
02 AD 1.3-34	20 MAY 2021
02 AD 1.3-35	13 AUG 2020
02 AD 1.3-36	28 FEB 2019
02 AD 1.5-1	27 JAN 2022
03 AD 1.3-1	14 JUL 2022
03AD1-FK-AD	28 FEB 2019
03 AD 1.3-31	07 OCT 2021
03 AD 1.3-32	07 OCT 2021
03 AD 1.3-33	07 OCT 2021
03 AD 1.5-1	11 AUG 2022
04 AD 1.3-1	05 DEC 2019
04 AD 1.3-2	15 AUG 2019
04AD1-FE-AD	28 FEB 2019
04 AD 1.3-31	25 FEB 2021
04 AD 1.3-32	25 FEB 2021
04 AD 1.3-33	25 FEB 2021
04 AD 1.3-34	25 FEB 2021
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05AD1-FC-AD	28 FEB 2019
05 AD 1.3-31	17 JUN 2021
05 AD 1.3-32	17 JUN 2021
05 AD 1.3-33	20 MAY 2021
05 AD 1.3-34	17 JUN 2021
05 AD 1.3-35	17 JUN 2021
05 AD 1.3-36	17 JUN 2021
06 AD 1.3-1	05 DEC 2019
06 AD 1.3-2	05 DEC 2019
06AD1-DI-AD	28 FEB 2019
06 AD 1.3-31	13 AUG 2020
06 AD 1.3-32	27 JAN 2022
06 AD 1.3-33	13 AUG 2020
06 AD 1.5-1	12 AUG 2021
07 AD 1.3-1	17 JUN 2021
07 AD 1.3-2	20 MAY 2021
07AD1-FO-AD	28 FEB 2019
07 AD 1.3-31	16 JUL 2020
07 AD 1.3-32	14 JUL 2022
07 AD 1.3-33	16 JUL 2020
07 AD 1.3-34	16 JUL 2020
07 AD 1.5-1	17 JUN 2021
08 AD 1.3-1	25 MAR 2021
08AD1-FG-AD	28 FEB 2019
08 AD 1.3-31	13 AUG 2020

09 AD 1.3-1	23 APR 2020
09 AD 1.3-2	05 NOV 2020
09 AD 1.3-3	24 MAR 2022
09AD1-FM-AD	28 FEB 2019
09 AD 1.3-31	11 AUG 2022
09 AD 1.3-32	14 JUL 2022
09 AD 1.3-33	05 NOV 2020
09 AD 1.3-34	05 NOV 2020
09 AD 1.3-35	05 NOV 2020
09 AD 1.3-36	07 OCT 2021
09 AD 1.3-37	05 NOV 2020
10 AD 1.3-1	21 MAY 2020
10 AD 1.3-2	21 MAY 2020
10AD1-GA-AD	28 FEB 2019
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10 AD 1.3-33	08 OCT 2020
10 AD 1.5-1	08 OCT 2020
11 AD 1.3-1	05 DEC 2019
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11 AD 1.3-31	08 OCT 2020
11 AD 1.3-32	08 OCT 2020
11 AD 1.3-33	08 OCT 2020
11 AD 1.5-1	25 FEB 2021
12 AD 1.3-1	05 DEC 2019
12AD1-DR-AD	28 FEB 2019
12 AD 1.3-31	13 AUG 2020
12 AD 1.3-32	13 AUG 2020
12 AD 1.5-1	27 JAN 2022
13 AD 1.3-1	06 OCT 2022
13AD1-GO-AD	28 FEB 2019
13 AD 1.3-31	11 AUG 2022
13 AD 1.3-32	30 DEC 2021
13 AD 1.3-33	11 AUG 2022
13 AD 1.3-34	06 OCT 2022
14 AD 1.3-1	24 FEB 2022
14 AD 1.3-2	28 JAN 2021
14AD1-FT-AD	28 JAN 2021
14 AD 1.3-31	28 JAN 2021
14 AD 1.3-32	19 MAY 2022
14 AD 1.3-33	28 JAN 2021
14 AD 1.3-34	28 JAN 2021
14 AD 1.3-35	28 JAN 2021
14 AD 1.3-36	28 JAN 2021
15 AD 1.3-1	17 JUN 2021
15AD1-DX-AD	28 FEB 2019
15 AD 1.3-31	13 AUG 2020
15 AD 1.5-1	30 DEC 2021
16 AD 1.3-1	05 DEC 2019
16 AD 1.3-31	13 AUG 2020
17 AD 1.3-1	25 FEB 2021

AD 2

**AEROPORT INTERNATIONAL
CARDINAL BERNARDIN
GANTIN/CADJEHOUN**

01 AD-2.DBBB-1	30 DEC 2021
01 AD-2.DBBB-2	30 DEC 2021
01 AD-2.DBBB-3	21 APR 2022
01 AD-2.DBBB-4	30 DEC 2021
01 AD-2.DBBB-5	30 DEC 2021
01 AD-2.DBBB-6	30 DEC 2021
01 AD-2.DBBB-7	21 APR 2022
01 AD-2.DBBB-8	30 DEC 2021
01 AD-2.DBBB-9	30 DEC 2021
01 AD-2.DBBB-10	30 DEC 2021
01 AD-2.DBBB-11	30 DEC 2021

PARAKOU

01 AD-2.DBBP-1	28 JAN 2021
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01 AD-2.DBBP-2	23 APR 2020
01 AD-2.DBBP-3	23 APR 2020
01 AD-2.DBBP-4	23 APR 2020
01 AD-2.DBBP-5	23 APR 2020
01 AD-2.DBBP-6	23 APR 2020
01 AD-2.DBBP-7	23 APR 2020
01 AD-2.DBBP-8	28 JAN 2021

OUAGADOUGOU

02 AD-2.DFFD-1	25 FEB 2021
02 AD-2.DFFD-2	15 AUG 2019
02 AD-2.DFFD-3	22 APR 2021
02 AD-2.DFFD-4	28 JAN 2021
02 AD-2.DFFD-5	22 APR 2021
02 AD-2.DFFD-6	20 MAY 2021
02 AD-2.DFFD-7	20 MAY 2021
02 AD-2.DFFD-8	20 MAY 2021
02 AD-2.DFFD-9	20 MAY 2021
02 AD-2.DFFD-10	20 MAY 2021
02 AD-2.DFFD-11	20 MAY 2021
02 AD-2.DFFD-12	20 MAY 2021
02 AD-2.DFFD-13	20 MAY 2021
02 AD-2.DFFD-14	20 MAY 2021
02 AD-2.DFFD-15	17 JUN 2021
02 AD-2.DFFD-16	20 MAY 2021
02 AD-2.DFFD-17	20 MAY 2021
02 AD-2.DFFD-18	24 FEB 2022
02 AD-2.DFFD-19	30 DEC 2021
02 AD-2.DFFD-20	20 MAY 2021
02 AD-2.DFFD-21	20 MAY 2021
02 AD-2.DFFD-22	20 MAY 2021
02 AD-2.DFFD-23	20 MAY 2021

BOBO-DIOULASSO

02 AD-2.DFOO-1	13 AUG 2020
02 AD-2.DFOO-2	25 MAR 2021
02 AD-2.DFOO-3	25 MAR 2021
02 AD-2.DFOO-4	25 MAR 2021
02 AD-2.DFOO-5	25 MAR 2021
02 AD-2.DFOO-6	25 MAR 2021
02 AD-2.DFOO-7	25 MAR 2021
02 AD-2.DFOO-8	15 AUG 2019
02 AD-2.DFOO-9	23 APR 2020
02 AD-2.DFOO-10	13 AUG 2020

DOUALA

03 AD-2.FKKD-1	14 JUL 2022
03 AD-2.FKKD-2	08 NOV 2018
03 AD-2.FKKD-3	24 FEB 2022
03 AD-2.FKKD-4	24 FEB 2022
03 AD-2.FKKD-5	06 OCT 2022
03 AD-2.FKKD-6	14 JUL 2022
03 AD-2.FKKD-7	17 JUN 2021
03 AD-2.FKKD-8	14 JUL 2022
03 AD-2.FKKD-9	24 FEB 2022
03 AD-2.FKKD-10	14 JUL 2022
03 AD-2.FKKD-11	25 FEB 2021
03 AD-2.FKKD-12	24 FEB 2022
03 AD-2.FKKD-13	14 JUL 2022

BAFOUSSAM

03 AD-2.FKKU-1	07 OCT 2021
03 AD-2.FKKU-2	07 OCT 2021
03 AD-2.FKKU-3	30 DEC 2021
03 AD-2.FKKU-4	30 DEC 2021
03 AD-2.FKKU-5	04 NOV 2021
03 AD-2.FKKU-6	04 NOV 2021
03 AD-2.FKKU-7	07 OCT 2021
03 AD-2.FKKU-8	07 OCT 2021
03 AD-2.FKKU-9	30 DEC 2021
03 AD-2.FKKU-10	30 DEC 2021
03 AD-2.FKKU-11	30 DEC 2021



03 AD-2.FKKU-12 30 DEC 2021
 03 AD-2.FKKU-13 30 DEC 2021
 03AD-2.OPEN-EXTENSION-FKKU 30 DEC 2021

GAROUA

03 AD-2.FKKR-1 14 JUL 2022
 03 AD-2.FKKR-2 19 MAY 2022
 03 AD-2.FKKR-3 19 MAY 2022
 03 AD-2.FKKR-4 03 NOV 2022
 03 AD-2.FKKR-5 14 JUL 2022
 03 AD-2.FKKR-6 21 MAY 2020
 03 AD-2.FKKR-7 14 JUL 2022
 03 AD-2.FKKR-8 14 JUL 2022
 03 AD-2.FKKR-9 14 JUL 2022
 03 AD-2.FKKR-10 03 NOV 2022
 03 AD-2.FKKR-11 14 JUL 2022
 03 AD-2.FKKR-12 14 JUL 2022
 03AD-2.OPEN-EXTENSION-FORM 23 APR 2020

YAOUNDE / NSIMALEN

03 AD-2.FKYS-1 14 JUL 2022
 03 AD-2.FKYS-2 14 JUL 2022
 03 AD-2.FKYS-3 24 FEB 2022
 03 AD-2.FKYS-4 06 OCT 2022
 03 AD-2.FKYS-5 14 JUL 2022
 03 AD-2.FKYS-6 04 NOV 2021
 03 AD-2.FKYS-7 04 NOV 2021
 03 AD-2.FKYS-8 11 AUG 2022
 03 AD-2.FKYS-9 14 JUL 2022
 03 AD-2.FKYS-10 14 JUL 2022
 03 AD-2.FKYS-11 14 JUL 2022
 03 AD-2.FKYS-12 30 DEC 2021
 03 AD-2.FKYS-13 04 NOV 2021

BANGUI-M'POKO

04 AD-2.FEFF-1 25 FEB 2021
 04 AD-2.FEFF-2 25 MAR 2021
 04 AD-2.FEFF-3 27 FEB 2020
 04 AD-2.FEFF-4 27 FEB 2020
 04 AD-2.FEFF-5 27 FEB 2020
 04 AD-2.FEFF-6 25 FEB 2021
 04 AD-2.FEFF-7 27 FEB 2020
 04 AD-2.FEFF-8 27 FEB 2020
 04 AD-2.FEFF-9 27 FEB 2020
 04 AD-2.FEFF-10 25 FEB 2021

BRAZZAVILLE / MAYA-MAYA

05 AD-2.FCBB-1 25 FEB 2021
 05 AD-2.FCBB-2 28 JAN 2021
 05 AD-2.FCBB-3 27 JAN 2022
 05 AD-2.FCBB-4 27 JAN 2022
 05 AD-2.FCBB-5 27 JAN 2022
 05 AD-2.FCBB-6 27 JAN 2022
 05 AD-2.FCBB-7 27 JAN 2022
 05 AD-2.FCBB-8 27 JAN 2022
 05 AD-2.FCBB-9 27 JAN 2022
 05 AD-2.FCBB-10 27 JAN 2022
 05 AD-2.FCBB-11 27 JAN 2022
 05 AD-2.FCBB-12 27 JAN 2022
 05 AD-2.FCBB-13 27 JAN 2022
 05 AD-2.FCBB-14 27 JAN 2022

POINTE NOIRE / ANTONIO AGOSTINHO NETO

05 AD-2.FCPP-1 12 AUG 2021
 05 AD-2.FCPP-2 12 AUG 2021
 05 AD-2.FCPP-3 12 AUG 2021
 05 AD-2.FCPP-4 12 AUG 2021
 05 AD-2.FCPP-5 14 JUL 2022
 05 AD-2.FCPP-6 24 MAR 2022

05 AD-2.FCPP-7 13 AUG 2020
 05 AD-2.FCPP-8 14 JUL 2022
 05 AD-2.FCPP-9 23 APR 2020
 05 AD-2.FCPP-10 24 MAR 2022
 05 AD-2.FCPP-11 24 MAR 2022
 05 AD-2.FCPP-12 24 MAR 2022

OLLOMBO / DENIS SASSOU N'GUESSO

05 AD-2.FCOD-1 13 AUG 2020
 05 AD-2.FCOD-2 13 AUG 2020
 05 AD-2.FCOD-3 24 MAR 2022
 05 AD-2.FCOD-4 10 SEP 2020
 05 AD-2.FCOD-5 15 AUG 2019
 05 AD-2.FCOD-6 12 AUG 2021
 05 AD-2.FCOD-7 10 SEP 2020
 05 AD-2.FCOD-8 15 AUG 2019
 05 AD-2.FCOD-9 23 APR 2020
 05 AD-2.FCOD-10 10 SEP 2020
 05 AD-2.FCOD-11 23 APR 2020

AEROPORT INTERNATIONAL FELIX HOUPHOUET BOIGNY D'ABIDJAN

06 AD-2.DIAP-1 25 FEB 2021
 06 AD-2.DIAP-2 22 APR 2021
 06 AD-2.DIAP-3 19 MAY 2022
 06 AD-2.DIAP-4 18 JUN 2020
 06 AD-2.DIAP-5 24 MAR 2022
 06 AD-2.DIAP-6 13 AUG 2020
 06 AD-2.DIAP-7 18 JUN 2020
 06 AD-2.DIAP-8 18 JUN 2020
 06 AD-2.DIAP-9 18 JUN 2020
 06 AD-2.DIAP-10 24 MAR 2022
 06 AD-2.DIAP-11 22 APR 2021
 06 AD-2.DIAP-12 13 AUG 2020
 06 AD-2.DIAP-13 13 AUG 2020
 06 AD-2.DIAP-14 03 NOV 2022
 06 AD-2.DIAP-15 03 NOV 2022
 06 AD-2.DIAP-16 13 AUG 2020
 06 AD-2.DIAP-17 13 AUG 2020
 06 AD-2.DIAP-18 13 AUG 2020

YAMOOUSSOUKRO

06 AD-2.DIYO-1 25 FEB 2021
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 06 AD-2.DIYO-3 15 AUG 2019
 06 AD-2.DIYO-4 15 AUG 2019
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 06 AD-2.DIYO-7 23 APR 2020
 06 AD-2.DIYO-8 23 APR 2020
 06 AD-2.DIYO-9 25 FEB 2021

BOUAKE

06 AD-2.DIBK-1 25 FEB 2021
 06 AD-2.DIBK-2 25 FEB 2021
 06 AD-2.DIBK-3 25 FEB 2021
 06 AD-2.DIBK-4 25 FEB 2021
 06 AD-2.DIBK-5 25 FEB 2021
 06 AD-2.DIBK-6 25 FEB 2021
 06 AD-2.DIBK-7 25 FEB 2021
 06 AD-2.DIBK-8 25 FEB 2021
 06 AD-2.DIBK-9 25 FEB 2021
 06 AD-2.DIBK-10 25 FEB 2021

KORHOGO

06 AD-2.DIKO-1 25 FEB 2021
 06 AD-2.DIKO-2 15 AUG 2019
 06 AD-2.DIKO-3 15 AUG 2019
 06 AD-2.DIKO-4 15 AUG 2019
 06 AD-2.DIKO-5 23 APR 2020
 06 AD-2.DIKO-6 13 AUG 2020

06 AD-2.DIKO-7 15 AUG 2019
 06 AD-2.DIKO-8 08 OCT 2020
 06 AD-2.DIKO-9 13 AUG 2020

MAN

06 AD-2.DIMN-1 25 FEB 2021
 06 AD-2.DIMN-2 15 AUG 2019
 06 AD-2.DIMN-3 15 AUG 2019
 06 AD-2.DIMN-4 15 AUG 2019
 06 AD-2.DIMN-5 23 APR 2020
 06 AD-2.DIMN-6 13 AUG 2020
 06 AD-2.DIMN-7 23 APR 2020
 06 AD-2.DIMN-8 13 AUG 2020

ODIENNE

06 AD-2.DIOD-1 25 FEB 2021
 06 AD-2.DIOD-2 15 AUG 2019
 06 AD-2.DIOD-3 15 AUG 2019
 06 AD-2.DIOD-4 15 AUG 2019
 06 AD-2.DIOD-5 23 APR 2020
 06 AD-2.DIOD-6 13 AUG 2020
 06 AD-2.DIOD-7 15 AUG 2019
 06 AD-2.DIOD-8 21 MAY 2020
 06 AD-2.DIOD-9 13 AUG 2020

LIBREVILLE/LEON M'BA

07 AD-2.FOOL-1 14 JUL 2022
 07 AD-2.FOOL-2 17 JUN 2021
 07 AD-2.FOOL-3 24 MAR 2022
 07 AD-2.FOOL-4 24 MAR 2022
 07 AD-2.FOOL-5 24 FEB 2022
 07 AD-2.FOOL-6 17 JUN 2021
 07 AD-2.FOOL-7 25 FEB 2021
 07 AD-2.FOOL-8 17 JUN 2021
 07 AD-2.FOOL-9 12 AUG 2021
 07 AD-2.FOOL-10 17 JUN 2021
 07 AD-2.FOOL-11 17 JUN 2021
 07 AD-2.FOOL-12 17 JUN 2021
 07 AD-2.FOOL-13 17 JUN 2021
 07 AD-2.FOOL-14 17 JUN 2021
 07 AD-2.FOOL-15 17 JUN 2021

PORT-GENTIL

07 AD-2.FOOG-1 28 JAN 2021
 07 AD-2.FOOG-2 24 FEB 2022
 07 AD-2.FOOG-3 24 FEB 2022
 07 AD-2.FOOG-4 28 JAN 2021
 07 AD-2.FOOG-5 27 JAN 2022
 07 AD-2.FOOG-6 28 JAN 2021
 07 AD-2.FOOG-7 28 JAN 2021
 07 AD-2.FOOG-8 28 JAN 2021
 07 AD-2.FOOG-9 27 JAN 2022
 07 AD-2.FOOG-10 27 JAN 2022
 07 AD-2.FOOG-11 28 JAN 2021

FRANCEVILLE/M'VENGUE

07 AD-2.FOON-1 24 MAR 2022
 07 AD-2.FOON-2 15 AUG 2019
 07 AD-2.FOON-3 24 FEB 2022
 07 AD-2.FOON-4 08 OCT 2020
 07 AD-2.FOON-5 23 APR 2020
 07 AD-2.FOON-6 08 OCT 2020
 07 AD-2.FOON-7 23 APR 2020
 07 AD-2.FOON-8 16 JUL 2020
 07 AD-2.FOON-9 08 OCT 2020
 07 AD-2.FOON-10 23 APR 2020

MALABO

08 AD-2.FGSL-1 13 AUG 2020
 08 AD-2.FGSL-2 25 FEB 2021
 08 AD-2.FGSL-3 06 OCT 2022
 08 AD-2.FGSL-4 15 AUG 2019



08 AD-2.FGSL-5 10 SEP 2020
08 AD-2.FGSL-6 25 FEB 2021
08 AD-2.FGSL-7 25 FEB 2021
08 AD-2.FGSL-8 25 FEB 2021
08 AD-2.FGSL-9 25 FEB 2021
08 AD-2.FGSL-10 25 FEB 2021
08 AD-2.FGSL-11 25 FEB 2021
08 AD-2.FGSL-12 25 FEB 2021
08 AD-2.FGSL-13 25 FEB 2021
08 AD-2.FGSL-14 12 AUG 2021

BATA

08 AD-2.FGBT-1 19 MAY 2022
08 AD-2.FGBT-2 19 MAY 2022
08 AD-2.FGBT-3 19 MAY 2022
08 AD-2.FGBT-4 19 MAY 2022
08 AD-2.FGBT-5 19 MAY 2022
08 AD-2.FGBT-6 19 MAY 2022
08 AD-2.FGBT-7 19 MAY 2022
08 AD-2.FGBT-8 19 MAY 2022
08 AD-2.FGBT-9 19 MAY 2022
08 AD-2.FGBT-10 19 MAY 2022
08 AD-2.FGBT-11 16 JUN 2022
08 AD-2.FGBT-12 19 MAY 2022

MONGOMEYEN/GENERAL OBIANG

08 AD-2.FGMY-1 19 MAY 2022
08 AD-2.FGMY-2 19 MAY 2022
08 AD-2.FGMY-3 19 MAY 2022
08 AD-2.FGMY-4 16 JUN 2022
08 AD-2.FGMY-5 25 FEB 2021
08 AD-2.FGMY-6 19 MAY 2022
08 AD-2.FGMY-7 13 AUG 2020
08 AD-2.FGMY-8 19 MAY 2022
08 AD-2.FGMY-9 19 MAY 2022
08 AD-2.FGMY-10 19 MAY 2022
08 AD-2.FGMY-11 19 MAY 2022

ANTSIRABE

09 AD-2.FMME-1 12 AUG 2021
09 AD-2.FMME-2 27 FEB 2020
09 AD-2.FMME-3 15 AUG 2019
09 AD-2.FMME-4 05 DEC 2019
09 AD-2.FMME-5 05 NOV 2020
09 AD-2.FMME-6 05 DEC 2019
09 AD-2.FMME-7 05 DEC 2019
09 AD-2.FMME-8 05 DEC 2019

ANTANANARIVO / IVATO

09 AD-2.FMMI-1 24 MAR 2022
09 AD-2.FMMI-2 15 AUG 2019
09 AD-2.FMMI-3 27 JAN 2022
09 AD-2.FMMI-4 21 APR 2022
09 AD-2.FMMI-5 21 APR 2022
09 AD-2.FMMI-6 21 APR 2022
09 AD-2.FMMI-7 07 OCT 2021
09 AD-2.FMMI-8 15 AUG 2019
09 AD-2.FMMI-9 15 AUG 2019
09 AD-2.FMMI-10 21 APR 2022
09 AD-2.FMMI-11 28 JAN 2021
09 AD-2.FMMI-12 07 OCT 2021
09 AD-2.FMMI-13 05 DEC 2019
09 AD-2.FMMI-14 16 JUN 2022
09 AD-2.FMMI-15 05 NOV 2020
09 AD-2.FMMI-16 21 APR 2022
09 AD-2.FMMI-17 21 APR 2022
09 AD-2.FMMI-18 23 APR 2020
09 AD-2.FMMI-19 21 APR 2022
09 AD-2.FMMI-20 05 NOV 2020

**MAHAJANGA / PHILIBERT
TSIRANANA**

09 AD-2.FMNM-1 24 MAR 2022
09 AD-2.FMNM-2 25 MAR 2021
09 AD-2.FMNM-3 17 JUN 2021
09 AD-2.FMNM-4 23 APR 2020
09 AD-2.FMNM-5 05 NOV 2020
09 AD-2.FMNM-6 01 DEC 2022
09 AD-2.FMNM-7 01 DEC 2022
09 AD-2.FMNM-8 01 DEC 2022
09 AD-2.FMNM-9 01 DEC 2022
09 AD-2.FMNM-10 01 DEC 2022
09 AD-2.FMNM-11 01 DEC 2022
09 AD-2.FMNM-12 01 DEC 2022
09 AD-2.FMNM-13 01 DEC 2022

TOAMASINA/AMBALAMANASY

09 AD-2.FMMT-1 03 NOV 2022
09 AD-2.FMMT-2 24 MAR 2022
09 AD-2.FMMT-3 14 JUL 2022
09 AD-2.FMMT-4 11 AUG 2022
09 AD-2.FMMT-5 24 MAR 2022
09 AD-2.FMMT-6 24 MAR 2022
09 AD-2.FMMT-7 24 MAR 2022
09 AD-2.FMMT-8 24 MAR 2022
09 AD-2.FMMT-9 19 MAY 2022
09 AD-2.FMMT-10 11 AUG 2022
09 AD-2.FMMT-11 11 AUG 2022
09 AD-2.FMMT-12 11 AUG 2022
09 AD-2.FMMT-13 03 NOV 2022
09 AD-2.FMMT-14 11 AUG 2022

NOSY-BE / FASCENE

09 AD-2.FMNN-1 21 APR 2022
09 AD-2.FMNN-2 19 MAY 2022
09 AD-2.FMNN-3 29 DEC 2022
09 AD-2.FMNN-4 21 MAY 2020
09 AD-2.FMNN-5 21 APR 2022
09 AD-2.FMNN-6 19 MAY 2022
09 AD-2.FMNN-7 21 APR 2022
09 AD-2.FMNN-8 21 APR 2022
09 AD-2.FMNN-9 21 APR 2022
09 AD-2.FMNN-10 21 APR 2022
09 AD-2.FMNN-11 21 APR 2022

TOLAGNARO / MARILLAC

09 AD-2.FMSD-1 24 MAR 2022
09 AD-2.FMSD-2 21 APR 2022
09 AD-2.FMSD-3 21 MAY 2020
09 AD-2.FMSD-4 05 NOV 2020
09 AD-2.FMSD-5 04 NOV 2021
09 AD-2.FMSD-6 23 APR 2020
09 AD-2.FMSD-7 21 MAY 2020
09 AD-2.FMSD-8 24 MAR 2022
09 AD-2.FMSD-9 21 MAY 2020
09 AD-2.FMSD-10 28 JAN 2021
09 AD-2.FMSD-11 28 JAN 2021
09 AD-2.FMSD-12 28 JAN 2021

ANTSIRANANA / ARRACHART

09 AD-2.FMNA-1 05 NOV 2020
09 AD-2.FMNA-2 23 APR 2020
09 AD-2.FMNA-3 21 APR 2022
09 AD-2.FMNA-4 05 NOV 2020
09 AD-2.FMNA-5 23 APR 2020
09 AD-2.FMNA-6 29 DEC 2022
09 AD-2.FMNA-7 05 NOV 2020
09 AD-2.FMNA-8 05 NOV 2020
09 AD-2.FMNA-9 29 DEC 2022

SAINTE-MARIE

09 AD-2.FMMS-1 05 NOV 2020
09 AD-2.FMMS-2 05 NOV 2020
09 AD-2.FMMS-3 05 NOV 2020

09 AD-2.FMMS-4 05 NOV 2020
09 AD-2.FMMS-5 05 NOV 2020
09 AD-2.FMMS-6 21 APR 2022
09 AD-2.FMMS-7 24 MAR 2022
09 AD-2.FMMS-8 29 DEC 2022
09 AD-2.FMMS-9 29 DEC 2022

MORONDAVA

09 AD-2.FMMV-1 05 NOV 2020
09 AD-2.FMMV-2 05 NOV 2020
09 AD-2.FMMV-3 05 NOV 2020
09 AD-2.FMMV-4 24 MAR 2022
09 AD-2.FMMV-5 05 NOV 2020
09 AD-2.FMMV-6 05 NOV 2020
09 AD-2.FMMV-7 05 NOV 2020
09 AD-2.FMMV-8 24 MAR 2022
09 AD-2.FMMV-9 05 NOV 2020

SAMBAVA / SUD

09 AD-2.FMNS-1 05 NOV 2020
09 AD-2.FMNS-2 05 NOV 2020
09 AD-2.FMNS-3 05 NOV 2020
09 AD-2.FMNS-4 24 MAR 2022
09 AD-2.FMNS-5 05 NOV 2020
09 AD-2.FMNS-6 21 APR 2022
09 AD-2.FMNS-7 05 NOV 2020
09 AD-2.FMNS-8 05 NOV 2020
09 AD-2.FMNS-9 05 NOV 2020

FIANARANTSOA

09 AD-2.FMSF-1 05 NOV 2020
09 AD-2.FMSF-2 05 NOV 2020
09 AD-2.FMSF-3 05 NOV 2020
09 AD-2.FMSF-4 05 NOV 2020
09 AD-2.FMSF-5 05 NOV 2020
09 AD-2.FMSF-6 05 NOV 2020
09 AD-2.FMSF-7 05 NOV 2020
09 AD-2.FMSF-8 01 DEC 2022
09 AD-2.FMSF-9 05 NOV 2020

MANANJARY

09 AD-2.FMSM-1 24 FEB 2022
09 AD-2.FMSM-2 05 NOV 2020
09 AD-2.FMSM-3 24 FEB 2022
09 AD-2.FMSM-4 05 NOV 2020
09 AD-2.FMSM-5 05 NOV 2020
09 AD-2.FMSM-6 05 NOV 2020
09 AD-2.FMSM-7 24 FEB 2022
09 AD-2.FMSM-8 05 NOV 2020
09 AD-2.FMSM-9 05 NOV 2020

TOLIARY

09 AD-2.FMST-1 05 NOV 2020
09 AD-2.FMST-2 24 FEB 2022
09 AD-2.FMST-3 05 NOV 2020
09 AD-2.FMST-4 05 NOV 2020
09 AD-2.FMST-5 05 NOV 2020
09 AD-2.FMST-6 05 NOV 2020
09 AD-2.FMST-7 05 NOV 2020
09 AD-2.FMST-8 05 NOV 2020
09 AD-2.FMST-9 05 NOV 2020
09 AD-2.FMST-10 28 JAN 2021

**AEROPORT INTERNATIONAL
PRESIDENT MODIBO KEITA - SENOU**

10 AD-2.GABS-1 25 MAR 2021
10 AD-2.GABS-2 08 OCT 2020
10 AD-2.GABS-3 25 MAR 2021
10 AD-2.GABS-4 21 MAY 2020
10 AD-2.GABS-5 21 MAY 2020
10 AD-2.GABS-6 21 MAY 2020
10 AD-2.GABS-7 23 APR 2020



10 AD-2.GABS-8 25 MAR 2021
10 AD-2.GABS-9 21 MAY 2020
10 AD-2.GABS-10 08 OCT 2020
10 AD-2.GABS-11 23 APR 2020
10 AD-2.GABS-12 23 APR 2020
10 AD-2.GABS-13 25 MAR 2021
10 AD-2.GABS-14 23 APR 2020

GAO / KOROGOUSSOU

10 AD-2.GAGO-1 08 OCT 2020
10 AD-2.GAGO-2 15 AUG 2019
10 AD-2.GAGO-3 15 AUG 2019
10 AD-2.GAGO-4 17 JUN 2021
10 AD-2.GAGO-5 16 JUN 2022
10 AD-2.GAGO-6 07 OCT 2021
10 AD-2.GAGO-7 29 DEC 2022
10 AD-2.GAGO-8 17 JUN 2021
10 AD-2.GAGO-9 16 JUN 2022

KAYES / DAG-DAG

10 AD-2.GAKD-1 08 OCT 2020
10 AD-2.GAKD-2 21 MAY 2020
10 AD-2.GAKD-3 27 FEB 2020
10 AD-2.GAKD-4 15 AUG 2019
10 AD-2.GAKD-5 15 AUG 2019
10 AD-2.GAKD-6 25 FEB 2021
10 AD-2.GAKD-7 15 AUG 2019
10 AD-2.GAKD-8 05 DEC 2019
10 AD-2.GAKD-9 23 APR 2020
10 AD-2.GAKD-10 08 OCT 2020

MOPTI / AMBODEDJO

10 AD-2.GAMB-1 18 JUN 2020
10 AD-2.GAMB-2 21 MAY 2020
10 AD-2.GAMB-3 15 AUG 2019
10 AD-2.GAMB-4 15 AUG 2019
10 AD-2.GAMB-5 25 FEB 2021
10 AD-2.GAMB-6 25 MAR 2021
10 AD-2.GAMB-7 29 DEC 2022
10 AD-2.GAMB-8 23 APR 2020
10 AD-2.GAMB-9 10 SEP 2020

SIKASSO / DIGNANGAN

10 AD-2.GASO-1 08 OCT 2020
10 AD-2.GASO-2 21 MAY 2020
10 AD-2.GASO-3 21 MAY 2020
10 AD-2.GASO-4 21 MAY 2020
10 AD-2.GASO-5 15 AUG 2019
10 AD-2.GASO-6 25 FEB 2021
10 AD-2.GASO-7 25 FEB 2021
10 AD-2.GASO-8 21 MAY 2020
10 AD-2.GASO-9 16 JUN 2022
10 AD-2.GASO-10 16 JUN 2022

TOMBOUCTOU

10 AD-2.GATB-1 25 FEB 2021
10 AD-2.GATB-2 15 AUG 2019
10 AD-2.GATB-3 15 AUG 2019
10 AD-2.GATB-4 15 AUG 2019
10 AD-2.GATB-5 23 APR 2020
10 AD-2.GATB-6 15 AUG 2019
10 AD-2.GATB-7 15 AUG 2019
10 AD-2.GATB-8 23 APR 2020
10 AD-2.GATB-9 23 APR 2020

NOUAKCHOTT - OUMTOUNSY

11 AD-2.GQNO-1 17 JUN 2021
11 AD-2.GQNO-2 27 FEB 2020
11 AD-2.GQNO-3 27 FEB 2020
11 AD-2.GQNO-4 27 FEB 2020
11 AD-2.GQNO-5 27 FEB 2020
11 AD-2.GQNO-6 23 APR 2020

11 AD-2.GQNO-7 27 FEB 2020
11 AD-2.GQNO-8 27 FEB 2020
11 AD-2.GQNO-9 27 FEB 2020
11 AD-2.GQNO-10 27 FEB 2020
11 AD-2.GQNO-11 27 FEB 2020
11 AD-2.GQNO-12 27 FEB 2020
11 AD-2.GQNO-13 27 FEB 2020
11 AD-2.GQNO-14 27 FEB 2020
11 AD-2.GQNO-15 25 FEB 2021

NOUADHIBOU

11 AD-2.GQPP-1 08 OCT 2020
11 AD-2.GQPP-2 05 DEC 2019
11 AD-2.GQPP-3 15 AUG 2019
11 AD-2.GQPP-4 15 AUG 2019
11 AD-2.GQPP-5 15 AUG 2019
11 AD-2.GQPP-6 15 AUG 2019
11 AD-2.GQPP-7 05 DEC 2019
11 AD-2.GQPP-8 15 AUG 2019
11 AD-2.GQPP-9 15 AUG 2019
11 AD-2.GQPP-10 05 DEC 2019
11 AD-2.GQPP-11 08 OCT 2020
11 AD-2.GQPP-12 05 DEC 2019

NIAMEY / DIORI HAMANI

12 AD-2.DRRN-1 13 AUG 2020
12 AD-2.DRRN-2 13 AUG 2020
12 AD-2.DRRN-3 04 NOV 2021
12 AD-2.DRRN-4 30 DEC 2021
12 AD-2.DRRN-5 30 DEC 2021
12 AD-2.DRRN-6 04 NOV 2021
12 AD-2.DRRN-7 13 AUG 2020
12 AD-2.DRRN-8 30 DEC 2021
12 AD-2.DRRN-9 30 DEC 2021
12 AD-2.DRRN-10 30 DEC 2021
12 AD-2.DRRN-11 30 DEC 2021
12 AD-2.DRRN-12 19 MAY 2022
12 AD-2.DRRN-13 30 DEC 2021
12 AD-2.DRRN-14 30 DEC 2021

AGADEZ / MANO DAYAK

12 AD-2.DRZA-1 25 FEB 2021
12 AD-2.DRZA-2 25 FEB 2021
12 AD-2.DRZA-3 25 FEB 2021
12 AD-2.DRZA-4 15 AUG 2019
12 AD-2.DRZA-5 25 FEB 2021
12 AD-2.DRZA-6 25 FEB 2021
12 AD-2.DRZA-7 25 FEB 2021
12 AD-2.DRZA-8 25 FEB 2021
12 AD-2.DRZA-9 25 FEB 2021
12 AD-2.DRZA-10 25 FEB 2021
12 AD-2.DRZA-11 25 FEB 2021

ZINDER

12 AD-2.DRZR-1 28 JAN 2021
12 AD-2.DRZR-2 13 AUG 2020
12 AD-2.DRZR-3 13 AUG 2020
12 AD-2.DRZR-4 13 AUG 2020
12 AD-2.DRZR-5 24 MAR 2022
12 AD-2.DRZR-6 30 DEC 2021
12 AD-2.DRZR-7 13 AUG 2020
12 AD-2.DRZR-8 21 APR 2022
12 AD-2.DRZR-9 24 MAR 2022
12 AD-2.DRZR-10 08 OCT 2020

MARADI

12 AD-2.DRRM-1 13 AUG 2020
12 AD-2.DRRM-2 13 AUG 2020
12 AD-2.DRRM-3 13 AUG 2020
12 AD-2.DRRM-4 13 AUG 2020
12 AD-2.DRRM-5 17 JUN 2021
12 AD-2.DRRM-6 17 JUN 2021

12 AD-2.DRRM-7 17 JUN 2021
12 AD-2.DRRM-8 17 JUN 2021
12 AD-2.DRRM-9 13 AUG 2020
12 AD-2.DRRM-10 13 AUG 2020
12 AD-2.DRRM-11 08 OCT 2020
12 AD-2.DRRM-12 13 AUG 2020
12 AD-2.DRRM-13 23 APR 2020

TAHOUA

12 AD-2.DRRT-1 13 AUG 2020
12 AD-2.DRRT-2 04 NOV 2021
12 AD-2.DRRT-3 13 AUG 2020
12 AD-2.DRRT-4 15 AUG 2019
12 AD-2.DRRT-5 13 AUG 2020
12 AD-2.DRRT-6 13 AUG 2020
12 AD-2.DRRT-7 13 AUG 2020
12 AD-2.DRRT-8 13 AUG 2020
12 AD-2.DRRT-9 13 AUG 2020
12 AD-2.DRRT-10 13 AUG 2020
12 AD-2.DRRT-11 23 APR 2020

**AEROPORT INTL BLAISE DIAGNE -
DAKAR - DIASS**

13 AD-2.GOBD-1 25 FEB 2021
13 AD-2.GOBD-2 23 APR 2020
13 AD-2.GOBD-3 22 APR 2021
13 AD-2.GOBD-4 25 FEB 2021
13 AD-2.GOBD-5 19 MAY 2022
13 AD-2.GOBD-6 19 MAY 2022
13 AD-2.GOBD-7 03 NOV 2022
13 AD-2.GOBD-8 15 AUG 2019
13 AD-2.GOBD-9 15 AUG 2019
13 AD-2.GOBD-10 15 AUG 2019
13 AD-2.GOBD-11 17 JUN 2021
13 AD-2.GOBD-12 22 APR 2021
13 AD-2.GOBD-13 22 APR 2021
13 AD-2.GOBD-14 19 MAY 2022
13 AD-2.GOBD-15 21 MAY 2020
13 AD-2.GOBD-16 03 NOV 2022
13 AD-2.GOBD-17 03 NOV 2022

DAKAR/LEOPOLD SEDAR SENGHOR

13 AD-2.GOOY-1 25 MAR 2021
13 AD-2.GOOY-2 25 MAR 2021
13 AD-2.GOOY-3 25 MAR 2021
13 AD-2.GOOY-4 25 MAR 2021
13 AD-2.GOOY-5 25 MAR 2021
13 AD-2.GOOY-6 17 JUN 2021
13 AD-2.GOOY-7 25 MAR 2021
13 AD-2.GOOY-8 25 MAR 2021
13 AD-2.GOOY-9 25 MAR 2021
13 AD-2.GOOY-10 17 JUN 2021
13 AD-2.GOOY-11 17 JUN 2021

**AEROPORT INTERNATIONAL DE CAP
SKIRRING**

13 AD-2.GOGS-1 06 OCT 2022
13 AD-2.GOGS-2 23 APR 2020
13 AD-2.GOGS-3 06 OCT 2022
13 AD-2.GOGS-4 15 JUL 2021
13 AD-2.GOGS-5 23 APR 2020
13 AD-2.GOGS-6 06 OCT 2022
13 AD-2.GOGS-7 19 MAY 2022
13 AD-2.GOGS-8 22 APR 2021
13 AD-2.GOGS-9 22 APR 2021

SAINT LOUIS

13 AD-2.GOSS-1 30 DEC 2021
13 AD-2.GOSS-2 17 JUN 2021
13 AD-2.GOSS-3 13 AUG 2020
13 AD-2.GOSS-4 23 APR 2020
13 AD-2.GOSS-5 23 APR 2020



13 AD-2.GOSS-6 13 AUG 2020
13 AD-2.GOSS-7 23 APR 2020
13 AD-2.GOSS-8 23 APR 2020
13 AD-2.GOSS-9 13 AUG 2020

N'DJAMENA / HASSAN DJAMOUS

14 AD-2.FTTJ-1 28 JAN 2021
14 AD-2.FTTJ-2 15 AUG 2019
14 AD-2.FTTJ-3 21 MAY 2020
14 AD-2.FTTJ-4 15 AUG 2019
14 AD-2.FTTJ-5 15 AUG 2019
14 AD-2.FTTJ-6 17 JUN 2021
14 AD-2.FTTJ-7 25 FEB 2021
14 AD-2.FTTJ-8 27 FEB 2020
14 AD-2.FTTJ-9 27 FEB 2020
14 AD-2.FTTJ-10 27 FEB 2020
14 AD-2.FTTJ-11 25 FEB 2021

SARH

14 AD-2.FTTA-1 28 JAN 2021
14 AD-2.FTTA-2 27 FEB 2020
14 AD-2.FTTA-3 27 FEB 2020
14 AD-2.FTTA-4 27 FEB 2020
14 AD-2.FTTA-5 28 JAN 2021
14 AD-2.FTTA-6 27 FEB 2020
14 AD-2.FTTA-7 27 FEB 2020
14 AD-2.FTTA-8 27 FEB 2020

ABECHE

14 AD-2.FTTC-1 28 JAN 2021
14 AD-2.FTTC-2 15 AUG 2019
14 AD-2.FTTC-3 15 AUG 2019
14 AD-2.FTTC-4 15 AUG 2019
14 AD-2.FTTC-5 23 APR 2020
14 AD-2.FTTC-6 28 JAN 2021
14 AD-2.FTTC-7 15 AUG 2019
14 AD-2.FTTC-8 15 AUG 2019
14 AD-2.FTTC-9 28 JAN 2021

**AEROPORT INTERNATIONAL
GNASSINGBE EYADEMA (AIGE)**

15 AD-2.DXXX-1 30 DEC 2021
15 AD-2.DXXX-2 15 AUG 2019
15 AD-2.DXXX-3 28 JAN 2021
15 AD-2.DXXX-4 17 JUN 2021
15 AD-2.DXXX-5 27 JAN 2022
15 AD-2.DXXX-6 27 JAN 2022
15 AD-2.DXXX-7 15 AUG 2019
15 AD-2.DXXX-8 15 AUG 2019
15 AD-2.DXXX-9 13 AUG 2020
15 AD-2.DXXX-10 27 JAN 2022
15 AD-2.DXXX-11 27 JAN 2022
15 AD-2.DXXX-12 27 JAN 2022
15 AD-2.DXXX-13 27 JAN 2022
15 AD-2.DXXX-14 27 JAN 2022
15 AD-2.DXXX-15 21 APR 2022
15 AD-2.DXXX-16 14 JUL 2022
15 AD-2.DXXX-17 27 JAN 2022
15 AD-2.DXXX-18 27 JAN 2022

**AEROPORT INTERNATIONAL DE
NIAMTOUGOU (AIN)**

15 AD-2.DXNG-1 13 AUG 2020
15 AD-2.DXNG-2 15 AUG 2019
15 AD-2.DXNG-3 15 AUG 2019
15 AD-2.DXNG-4 15 AUG 2019
15 AD-2.DXNG-5 15 AUG 2019
15 AD-2.DXNG-6 25 FEB 2021
15 AD-2.DXNG-7 15 AUG 2019
15 AD-2.DXNG-8 15 AUG 2019
15 AD-2.DXNG-9 05 DEC 2019
15 AD-2.DXNG-10 13 AUG 2020

15 AD-2.DXNG-11 05 DEC 2019

MORONI/PRINCE SAID IBRAHIM

16 AD-2.FMCH-1 14 JUL 2022
16 AD-2.FMCH-2 24 MAR 2022
16 AD-2.FMCH-3 27 JAN 2022
16 AD-2.FMCH-4 13 AUG 2020
16 AD-2.FMCH-5 23 APR 2020
16 AD-2.FMCH-6 13 AUG 2020
16 AD-2.FMCH-7 15 JUL 2021
16 AD-2.FMCH-8 27 FEB 2020
16 AD-2.FMCH-9 27 FEB 2020
16 AD-2.FMCH-10 13 AUG 2020

BISSAU / OSVALDO VIEIRA

17 AD-2.GGOV-1 25 FEB 2021
17 AD-2.GGOV-2 18 JUN 2020
17 AD-2.GGOV-3 18 JUN 2020
17 AD-2.GGOV-4 15 AUG 2019
17 AD-2.GGOV-5 24 FEB 2022
17 AD-2.GGOV-6 18 JUN 2020
17 AD-2.GGOV-7 15 AUG 2019
17 AD-2.GGOV-8 05 DEC 2019
17 AD-2.GGOV-9 15 AUG 2019
17 AD-2.GGOV-10 16 JUL 2020

AD 3

00 AD 3.1-1 08 NOV 2018

[Part 3.2](#) Cartes relatives aux
aérodromes (AD 2.24)
Charts related to aerodromes (AD 2.24)

01**AEROPORT INTERNATIONAL
CARDINAL BERNARDIN
GANTIN/CADJEHOUN**

01AD2-DBBB-ADC 24 FEB 2022
01AD2-DBBB-APDC 24 FEB 2022
01AD2-DBBB-AOC 24 FEB 2022
01AD2-DBBB-ARC 05 DEC 2019
01AD2-DBBB-STAR-RNAV06 15 JUL 2021
01AD2-DBBB-STAR-RNAV06-DATA 15 JUL 2021
01AD2-DBBB-STAR-RNAV24 15 JUL 2021
01AD2-DBBB-STAR-RNAV24-DATA 15 JUL 2021
01AD2-DBBB-STAR-VORDME06 15 JUL 2021
01AD2-DBBB-STAR-VORDME24 15 JUL 2021
01AD2-DBBB-RMAC 05 DEC 2019
01AD2-DBBB-IAC-RNP06 15 JUL 2021
01AD2-DBBB-IAC-RNP06-DATA 15 JUL 2021
01AD2-DBBB-IAC-RNP24 15 JUL 2021
01AD2-DBBB-IAC-RNP24-DATA 15 JUL 2021
01AD2-DBBB-IAC-ILSY24 15 JUL 2021
01AD2-DBBB-IAC-ILSY24-DATA 15 JUL 2021
01AD2-DBBB-IAC-ILSZ24 15 JUL 2021
01AD2-DBBB-IAC-VOR06 15 JUL 2021
01AD2-DBBB-IAC-VOR24 15 JUL 2021
01AD2-DBBB-VAC 24 FEB 2022
01AD2-DBBB-VLC 24 FEB 2022
01AD2-DBBB-ILC 24 FEB 2022

PARAKOU

01AD2-DBBP-VAC 08 NOV 2018
01AD2-DBBP-VLC 08 NOV 2018

02**BOBO-DIOULASSO**

02AD2-DFOO-ADC 27 JAN 2022
02AD2-DFOO-AOC 27 JAN 2022
02AD2-DFOO-STAR-RNAV06 08 NOV 2018
02AD2-DFOO-STAR-RNAV24 08 NOV 2018
02AD2-DFOO-STAR-VORDME0624 08 NOV 2018
02AD2-DFOO-IAC-RNAV06 08 NOV 2018
02AD2-DFOO-IAC-RNAV24 08 NOV 2018
02AD2-DFOO-IAC-ILSX06 08 NOV 2018
02AD2-DFOO-IAC-ILSY06 08 NOV 2018
02AD2-DFOO-IAC-ILSZ06 08 NOV 2018
02AD2-DFOO-IAC-VORXY06 08 NOV 2018
02AD2-DFOO-IAC-VORZY06 08 NOV 2018
02AD2-DFOO-IAC-VORZY24 08 NOV 2018
02AD2-DFOO-IAC-VORXY24 08 NOV 2018
02AD2-DFOO-VAC 27 JAN 2022
02AD2-DFOO-VLC 27 JAN 2022
02AD2-DFOO-CVFR-01 27 JAN 2022
02AD2-DFOO-CVFR-02 27 JAN 2022
02AD2-DFOO-ILC 27 JAN 2022

OUAGADOUGOU

02AD2-DFFD-ADC 22 APR 2021
02AD2-DFFD-APDC 25 FEB 2021
02AD2-DFFD-APDC-DATA 25 FEB 2021
02AD2-DFFD-AOC 22 APR 2021
02AD2-DFFD-ARC 05 DEC 2019
02AD2-DFFD-STAR-RNAV04 03 NOV 2022
02AD2-DFFD-STAR-RNAV-RWY04-DATA 03 NOV 2022
02AD2-DFFD-SID-RNAV-RWY04 03 NOV 2022
02AD2-DFFD-SID-RNAV-RWY04-DATA 03 NOV 2022
02AD2-DFFD-STAR-RNAV22 16 JUN 2022
02AD2-DFFD-STAR-RNAV22-DATA 16 JUN 2022
02AD2-DFFD-STAR-VORDME04 16 JUN 2022
02AD2-DFFD-STAR-VORDME22 16 JUN 2022
02AD2-DFFD-RMAC 27 JAN 2022
02AD2-DFFD-RMAC-DATA 27 JAN 2022
02AD2-DFFD-IAC-RNP04 21 APR 2022
02AD2-DFFD-IAC-RNP04-DATA 21 APR 2022
02AD2-DFFD-IAC-RNP22 21 APR 2022
02AD2-DFFD-IAC-RNP22-DATA 21 APR 2022
02AD2-DFFD-IAC-ILSX04 21 APR 2022
02AD2-DFFD-IAC-ILSX04-DATA 21 APR 2022
02AD2-DFFD-IAC-ILSY04 21 APR 2022
02AD2-DFFD-IAC-ILSZ04 21 APR 2022
02AD2-DFFD-IAC-VOR04 21 APR 2022
02AD2-DFFD-IAC-VORY22 21 APR 2022
02AD2-DFFD-IAC-VORZ22 21 APR 2022
02AD2-DFFD-IAC-NDB04 21 APR 2022
02AD2-DFFD-IAC-NDB22 21 APR 2022
02AD2-DFFD-VAC 22 APR 2021
02AD2-DFFD-VLC 22 APR 2021
02AD2-DFFD-CVFR-01 25 FEB 2021
02AD2-DFFD-CVFR-02 25 FEB 2021
02AD2-DFFD-ILC 22 APR 2021

03**BAFOUSSAM**

03AD2-FKKU-AOC 27 JAN 2022



03AD2-FKKU-IAC-RNAV15 16 JUL 2020
 03AD2-FKKU-IAC-RNAV15-DATA 16 JUL 2020
 03AD2-FKKU-IAC-RNAV33 16 JUL 2020
 03AD2-FKKU-IAC-RNAV33-DATA 16 JUL 2020
 03AD2-FKKU-IAC-VOR15 16 JUL 2020
 03AD2-FKKU-IAC-VOR33 16 JUL 2020
 03AD2-FKKU-CVFR-01 27 JAN 2022
 03AD2-FKKU-CVFR-02 27 JAN 2022
 03AD2-FKKU-ILC 27 JAN 2022
 03AD2-FKKU-VAC 27 JAN 2022
 03AD2-FKKU-VLC 27 JAN 2022

BATOURI

03AD2-FKKI-VAC 08 NOV 2018
 03AD2-FKKI-VLC 08 NOV 2018
 03AD2-FKKI-ILC 08 NOV 2018

DOUALA

03AD2-FKKD-ADC 05 DEC 2019
 03AD2-FKKD-APDC 08 NOV 2018
 03AD2-FKKD-AOC 05 DEC 2019
 03AD2-FKKD-ARC 05 DEC 2019
 03AD2-FKKD-STAR-RNAV12 08 NOV 2018
 03AD2-FKKD-STAR-RNAV12-DATA-01 08 NOV 2018
 03AD2-FKKD-STAR-RNAV12-DATA-02 08 NOV 2018
 03AD2-FKKD-STAR-RNAV30 08 NOV 2018
 03AD2-FKKD-STAR-RNAV30-DATA-01 08 NOV 2018
 03AD2-FKKD-STAR-RNAV30-DATA-02 08 NOV 2018
 03AD2-FKKD-STAR-VORDME1230 08 NOV 2018
 03AD2-FKKD-RMAC 05 DEC 2019
 03AD2-FKKD-RMAC-DATA 05 DEC 2019
 03AD2-FKKD-IAC-RNAV12 08 NOV 2018
 03AD2-FKKD-IAC-RNAV12-DATA 08 NOV 2018
 03AD2-FKKD-IAC-RNAV30 08 NOV 2018
 03AD2-FKKD-IAC-RNAV30-DATA 08 NOV 2018
 03AD2-FKKD-IAC-RNAV-ILS30 08 NOV 2018
 03AD2-FKKD-IAC-RNAV-ILS30-DATA 08 NOV 2018
 03AD2-FKKD-SURVOL-STAR-SID 08 NOV 2018
 03AD2-FKKD-IAC-ILSY30 08 NOV 2018
 03AD2-FKKD-IAC-ILSZ30 08 NOV 2018
 03AD2-FKKD-IAC-VORY12 08 NOV 2018
 03AD2-FKKD-IAC-VORZ12 08 NOV 2018
 03AD2-FKKD-IAC-VORY30 08 NOV 2018
 03AD2-FKKD-IAC-VORZ30 08 NOV 2018
 03AD2-FKKD-VAC 08 NOV 2018
 03AD2-FKKD-VLC 08 NOV 2018
 03AD2-FKKD-CVFR-01 08 NOV 2018
 03AD2-FKKD-CVFR-02 08 NOV 2018
 03AD2-FKKD-CVFR-03 08 NOV 2018
 03AD2-FKKD-ILC 08 NOV 2018

GAROUA

03AD2-FKKR-ADC 05 DEC 2019
 03AD2-FKKR-AOC 05 DEC 2019
 03AD2-FKKR-ARC 05 DEC 2019
 03AD2-FKKR-STAR-RNAV09 29 DEC 2022
 03AD2-FKKR-STAR-RNAV09-DATA1 29 DEC 2022
 03AD2-FKKR-STAR-RNAV09-DATA2 29 DEC 2022
 03AD2-FKKR-STAR-RNAV09-DATA2 29 DEC 2022

03AD2-FKKR-STAR-RNAV27 29 DEC 2022
 03AD2-FKKR-STAR-RNAV27-DATA1 29 DEC 2022
 03AD2-FKKR-STAR-RNAV27-DATA2 29 DEC 2022
 03AD2-FKKR-IAC-RNP09 29 DEC 2022
 03AD2-FKKR-IAC-RNP09-DATA 29 DEC 2022
 03AD2-FKKR-IAC-RNP27 29 DEC 2022
 03AD2-FKKR-IAC-RNP27-DATA 29 DEC 2022
 03AD2-FKKR-STAR-VORDME09 29 DEC 2022
 03AD2-FKKR-STAR-VORDME27 29 DEC 2022
 03AD2-FKKR-IAC-ILSX09 29 DEC 2022
 03AD2-FKKR-IAC-ILSX09-DATA 29 DEC 2022
 03AD2-FKKR-IAC-ILSY09 29 DEC 2022
 03AD2-FKKR-IAC-ILSZ09 29 DEC 2022
 03AD2-FKKR-IAC-VORY09 29 DEC 2022
 03AD2-FKKR-IAC-VORZ09 29 DEC 2022
 03AD2-FKKR-IAC-VORY27 29 DEC 2022
 03AD2-FKKR-IAC-VORZ27 29 DEC 2022
 03AD2-FKKR-VAC 08 NOV 2018
 03AD2-FKKR-VLC 08 NOV 2018
 03AD2-FKKR-CVFR-01 08 NOV 2018
 03AD2-FKKR-CVFR-02 08 NOV 2018
 03AD2-FKKR-ILC 08 NOV 2018

KRIBI

03AD2-FKKB-VAC 08 NOV 2018
 03AD2-FKKB-VLC 08 NOV 2018

MAMFE

03AD2-FKKF-VAC 08 NOV 2018
 03AD2-FKKF-VLC 08 NOV 2018

MAROUA-SALAK

03AD2-FKKL-VAC 08 NOV 2018
 03AD2-FKKL-VLC 08 NOV 2018
 03AD2-FKKL-ILC 08 NOV 2018
 03AD2-FKKL-IAC-NDB31 08 NOV 2018

NGAOUNDERE

03AD2-FKKN-VAC 08 NOV 2018
 03AD2-FKKN-VLC 08 NOV 2018
 03AD2-FKKN-ILC 08 NOV 2018
 03AD2-FKKN-STAR-VOR0220 08 NOV 2018
 03AD2-FKKN-IAC-VOR02 08 NOV 2018

TIKO

03AD2-FKKC-VAC 08 NOV 2018
 03AD2-FKKC-VLC 08 NOV 2018

YAOUNDE / NSIMALEN

03AD2-FKYS-ADC 05 DEC 2019
 03AD2-FKYS-SID-VORDME01 29 DEC 2022
 03AD2-FKYS-SID-VORDME19 29 DEC 2022
 03AD2-FKYS-STAR-RNAV01 29 DEC 2022
 03AD2-FKYS-STAR-RNAV19 29 DEC 2022
 03AD2-FKYS-IAC-RNP01 29 DEC 2022
 03AD2-FKYS-IAC-RNP19 29 DEC 2022
 03AD2-FKYS-STAR-VORDME01 29 DEC 2022
 03AD2-FKYS-STAR-VORDME19 29 DEC 2022
 03AD2-FKYS-IAC-ILSW19 29 DEC 2022
 03AD2-FKYS-IAC-ILSYX19 29 DEC 2022
 03AD2-FKYS-IAC-ILSZ19 29 DEC 2022
 03AD2-FKYS-IAC-VORYX01 29 DEC 2022
 03AD2-FKYS-IAC-VORZ01 29 DEC 2022

03AD2-FKYS-IAC-VORYX19 29 DEC 2022
 03AD2-FKYS-IAC-VORZ19 29 DEC 2022
 03AD2-FKYS-IAC-NDB01 29 DEC 2022
 03AD2-FKYS-VAC 27 JAN 2022
 03AD2-FKYS-VLC 27 JAN 2022
 03AD2-FKYS-CVFR-01 27 JAN 2022
 03AD2-FKYS-CVFR-02 27 JAN 2022
 03AD2-FKYS-ILC 27 JAN 2022

04

BAMBARI

04AD2-FEFM-VAC 08 NOV 2018
 04AD2-FEFM-VLC 08 NOV 2018

BANGASSOU

04AD2-FEFG-VAC 08 NOV 2018
 04AD2-FEFG-VLC 08 NOV 2018

BANGUI-M'POKO

04AD2-FEFF-ADC 04 NOV 2021
 04AD2-FEFF-APDC 04 NOV 2021
 04AD2-FEFF-AOC 04 NOV 2021
 04AD2-FEFF-ARC 05 DEC 2019
 04AD2-FEFF-STAR-RNAV1735 08 NOV 2018
 04AD2-FEFF-STAR-VORDME1735 08 NOV 2018
 04AD2-FEFF-IAC-RNAV17 08 NOV 2018
 04AD2-FEFF-IAC-RNAV35 08 NOV 2018
 04AD2-FEFF-IAC-ILSY35 08 NOV 2018
 04AD2-FEFF-IAC-ILSZ35 08 NOV 2018
 04AD2-FEFF-IAC-VORYX17 08 NOV 2018
 04AD2-FEFF-IAC-VORZ17 08 NOV 2018
 04AD2-FEFF-IAC-VORYX35 08 NOV 2018
 04AD2-FEFF-IAC-VORZ35 08 NOV 2018
 04AD2-FEFF-VAC 04 NOV 2021
 04AD2-FEFF-VLC 04 NOV 2021
 04AD2-FEFF-CVFR-01 04 NOV 2021
 04AD2-FEFF-CVFR-02 04 NOV 2021
 04AD2-FEFF-ILC 04 NOV 2021

BERBERATI

04AD2-FEFT-VAC 08 NOV 2018
 04AD2-FEFT-VLC 08 NOV 2018

BOUAR

04AD2-FEFO-VAC 08 NOV 2018
 04AD2-FEFO-VLC 08 NOV 2018

BRIA

04AD2-FEFR-VAC 08 NOV 2018
 04AD2-FEFR-VLC 08 NOV 2018

05

BRAZZAVILLE / MAYA-MAYA

05AD2-FCBB-ADC 05 DEC 2019
 05AD2-FCBB-APDC-01 08 NOV 2018
 05AD2-FCBB-APDC-DATA 08 NOV 2018
 05AD2-FCBB-AOC 05 DEC 2019
 05AD2-FCBB-ARC 05 DEC 2019
 05AD2-FCBB-STAR-RNAV23 08 NOV 2018
 05AD2-FCBB-STAR-VORDME05 16 JUN 2022
 05AD2-FCBB-STAR-VORDME23 16 JUN 2022
 05AD2-FCBB-RMAC 05 DEC 2019
 05AD2-FCBB-RMAC-DATA 05 DEC 2019
 05AD2-FCBB-IAC-RNP05 16 JUN 2022
 05AD2-FCBB-IAC-RNP05-DATA 16 JUN 2022
 05AD2-FCBB-IAC-RNP23 16 JUN 2022



05AD2-FCBB-IAC-RNP23-DATA 16 JUN 2022
05AD2-FCBB-IAC-ILSX05 16 JUN 2022
05AD2-FCBB-IAC-ILSX05-DATA 16 JUN 2022
05AD2-FCBB-IAC-ILSY05 16 JUN 2022
05AD2-FCBB-IAC-ILSZ05 16 JUN 2022
05AD2-FCBB-IAC-VORY05 16 JUN 2022
05AD2-FCBB-IAC-VORZ05 16 JUN 2022
05AD2-FCBB-IAC-VORY23 16 JUN 2022
05AD2-FCBB-IAC-VORZ23 16 JUN 2022
05AD2-FCBB-VAC 08 NOV 2018
05AD2-FCBB-VAC-FZAA 08 NOV 2018
05AD2-FCBB-VLC 08 NOV 2018
05AD2-FCBB-CVFR-01 08 NOV 2018
05AD2-FCBB-CVFR-02 08 NOV 2018
05AD2-FCBB-ILC 08 NOV 2018

DOLISIE

05AD2-FCPD-VAC 06 DEC 2018
05AD2-FCPD-VLC 06 DEC 2018

IMPFONDO

05AD2-FCOI-VAC 08 NOV 2018
05AD2-FCOI-VLC 08 NOV 2018

MAKOUA

05AD2-FCOM-VAC 08 NOV 2018
05AD2-FCOM-VLC 08 NOV 2018

MOSSENDJO

05AD2-FCMM-VAC 08 NOV 2018
05AD2-FCMM-VLC 08 NOV 2018

**OLLOMBO / DENIS SASSOU
N'GUESSO**

05AD2-FCOD-VAC 27 JAN 2022
05AD2-FCOD-IAC-ILSZ04 21 APR 2022
05AD2-FCOD-IAC-NDB04 21 APR 2022
05AD2-FCOD-IAC-NDB22 21 APR 2022

OUESSO

05AD2-FCOU-VAC 08 NOV 2018
305AD2-FCOU-VLC 08 NOV 2018
05AD2-FCOU-IAC-RNAV01 08 NOV 2018
05AD2-FCOU-IAC-RNAV19 08 NOV 2018

**POINTE NOIRE / ANTONIO
AGOSTINHO NETO**

05AD2-FCPP-ADC 05 DEC 2019
05AD2-FCPP-AOC 05 DEC 2019
05AD2-FCPP-STAR-RNAV17 21 APR 2022
05AD2-FCPP-STAR-RNAV35 21 APR 2022
05AD2-FCPP-STAR-VOR17 21 APR 2022
05AD2-FCPP-STAR-VOR35 21 APR 2022
05AD2-FCPP-IAC-RNAV17 21 APR 2022
05AD2-FCPP-IAC-RNAV35 21 APR 2022
05AD2-FCPP-IAC-ILSX17 21 APR 2022
05AD2-FCPP-IAC-ILSY17 21 APR 2022
05AD2-FCPP-IAC-ILSZ17 21 APR 2022
05AD2-FCPP-IAC-VORY17 21 APR 2022
05AD2-FCPP-IAC-VORZ17 21 APR 2022
05AD2-FCPP-IAC-VORY35 21 APR 2022
05AD2-FCPP-IAC-VORZ35 21 APR 2022
05AD2-FCPP-VAC 06 DEC 2018
05AD2-FCPP-VLC 06 DEC 2018
05AD2-FCPP-CVFR-01 08 NOV 2018
05AD2-FCPP-CVFR-02 08 NOV 2018
05AD2-FCPP-ILC 06 DEC 2018

06

**AEROPORT INTERNATIONAL FELIX
HOUPHOUET BOIGNY D'ABIDJAN**

06AD2-DIAP-ADC 05 NOV 2020
06AD2-DIAP-APDC 05 NOV 2020
06AD2-DIAP-APDC-DATA1 05 NOV 2020
06AD2-DIAP-APDC-DATA2 05 NOV 2020
06AD2-DIAP-AOC 05 NOV 2020
06AD2-DIAP-ARC 05 NOV 2020
06AD2-DIAP-STAR-RNAV03 16 JUN 2022
06AD2-DIAP-STAR-RNAV03-DATA 16 JUN 2022
06AD2-DIAP-STAR-RNAV21 16 JUN 2022
06AD2-DIAP-STAR-RNAV21-DATA 16 JUN 2022
06AD2-DIAP-STAR-VORDME0321 16 JUN 2022
06AD2-DIAP-RMAC 05 DEC 2019
06AD2-DIAP-IAC-RNAV03 16 JUL 2020
06AD2-DIAP-IAC-RNAV03-DATA 16 JUL 2020
06AD2-DIAP-IAC-RNAV21 16 JUL 2020
06AD2-DIAP-IAC-RNAV21-DATA 16 JUL 2020
06AD2-DIAP-IAC-ILSX21 16 JUL 2020
06AD2-DIAP-IAC-ILSX21-DATA 16 JUL 2020
06AD2-DIAP-IAC-ILSY21 16 JUL 2020
06AD2-DIAP-IAC-ILSZ21 05 NOV 2020
06AD2-DIAP-IAC-VORY03 16 JUL 2020
06AD2-DIAP-IAC-VORZ03 16 JUL 2020
06AD2-DIAP-IAC-VORY21 16 JUL 2020
06AD2-DIAP-IAC-VORZ21 05 NOV 2020
06AD2-DIAP-VAC 05 NOV 2020
06AD2-DIAP-VLC 25 FEB 2021
06AD2-DIAP-CVFR-01 08 NOV 2018
06AD2-DIAP-CVFR-02 08 NOV 2018
06AD2-DIAP-ILC 05 NOV 2020

BOUAKE

06AD2-DIBK-VAC 08 NOV 2018
06AD2-DIBK-VLC 08 NOV 2018
06AD2-DIBK-CVFR-01 08 NOV 2018
06AD2-DIBK-CVFR-02 08 NOV 2018
06AD2-DIBK-IAC-RNAV03 24 MAR 2022
06AD2-DIBK-IAC-RNAV03-DATA 24 MAR 2022
06AD2-DIBK-IAC-RNAV21 24 MAR 2022
06AD2-DIBK-IAC-RNAV21-DATA 24 MAR 2022
06AD2-DIBK-IAC-VORY03 24 MAR 2022
06AD2-DIBK-IAC-VORZ03 24 MAR 2022
06AD2-DIBK-IAC-VORY21 24 MAR 2022
06AD2-DIBK-IAC-VORZ21 24 MAR 2022

KORHOGO

06AD2-DIKO-VAC 08 NOV 2018
06AD2-DIKO-VLC 08 NOV 2018
06AD2-DIKO-IAC-RNAV08 12 AUG 2021
06AD2-DIKO-IAC-RNAV08-DATA 12 AUG 2021
06AD2-DIKO-IAC-RNAV26 12 AUG 2021
06AD2-DIKO-IAC-RNAV26-DATA 12 AUG 2021
06AD2-DIKO-IAC-VORY08 24 MAR 2022
06AD2-DIKO-IAC-VORZ08 24 MAR 2022
06AD2-DIKO-IAC-VORY26 24 MAR 2022
06AD2-DIKO-IAC-VORZ26 24 MAR 2022

MAN

06AD2-DIMN-VAC 08 NOV 2018
06AD2-DIMN-VLC 08 NOV 2018

06AD2-DIMN-IAC-RNAV03 12 AUG 2021
06AD2-DIMN-IAC-RNAV03-DATA 12 AUG 2021
06AD2-DIMN-IAC-RNAV21 12 AUG 2021
06AD2-DIMN-IAC-RNAV21-DATA 12 AUG 2021
06AD2-DIMN-IAC-VORY03 24 MAR 2022
06AD2-DIMN-IAC-VORZ03 24 MAR 2022

ODIENNE

06AD2-DIOD-VAC 08 NOV 2018
06AD2-DIOD-VLC 08 NOV 2018
06AD2-DIOD-IAC-RNAV06 12 AUG 2021
06AD2-DIOD-IAC-RNAV06-DATA 12 AUG 2021
06AD2-DIOD-IAC-RNAV24 12 AUG 2021
06AD2-DIOD-IAC-RNAV24-DATA 12 AUG 2021
06AD2-DIOD-IAC-VORY06 24 MAR 2022
06AD2-DIOD-IAC-VORZ06 24 MAR 2022
06AD2-DIOD-IAC-VORY24 24 MAR 2022
06AD2-DIOD-IAC-VORZ24 24 MAR 2022

SAN PEDRO

06AD2-DISP-VAC 08 NOV 2018
06AD2-DISP-VLC 08 NOV 2018
06AD2-DISP-ILC 08 NOV 2018
06AD2-DISP-IAC-RNAV03 24 MAR 2022
06AD2-DISP-IAC-RNAV03-DATA 24 MAR 2022
06AD2-DISP-IAC-RNAV21 24 MAR 2022
06AD2-DISP-IAC-RNAV21-DATA 24 MAR 2022
06AD2-DISP-IAC-VORY03 24 MAR 2022
06AD2-DISP-IAC-VORZ03 24 MAR 2022
06AD2-DISP-IAC-VORY21 24 MAR 2022
06AD2-DISP-IAC-VORZ21 24 MAR 2022

SASSANDRA

06AD2-DISS-VAC 08 NOV 2018
06AD2-DISS-VLC 08 NOV 2018

TABOU

06AD2-DITB-VAC 08 NOV 2018
06AD2-DITB-VLC 08 NOV 2018

YAMOUSSOUKRO

06AD2-DIYO-VAC 08 NOV 2018
06AD2-DIYO-VLC 08 NOV 2018
06AD2-DIYO-CVFR-01 08 NOV 2018
06AD2-DIYO-CVFR-02 08 NOV 2018
06AD2-DIYO-ILC 08 NOV 2018
06AD2-DIYO-IAC-RNAV05 24 MAR 2022
06AD2-DIYO-IAC-RNAV05-DATA 24 MAR 2022
06AD2-DIYO-IAC-RNAV23 24 MAR 2022
06AD2-DIYO-IAC-RNAV23-DATA 24 MAR 2022
06AD2-DIYO-IAC-ILSX05 12 AUG 2021
06AD2-DIYO-IAC-ILSX05-DATA 12 AUG 2021
06AD2-DIYO-IAC-ILSY05 12 AUG 2021
06AD2-DIYO-IAC-ILZX05 12 AUG 2021
06AD2-DIYO-IAC-VORY05 24 MAR 2022
06AD2-DIYO-IAC-VORZ05 24 MAR 2022
06AD2-DIYO-IAC-VORY23 24 MAR 2022
06AD2-DIYO-IAC-VORZ23 24 MAR 2022

07

FRANCEVILLE/M'VENGUE

07AD2-FOON-ADC 27 JAN 2022



07AD2-FOON-AOC 27 JAN 2022
07AD2-FOON-IAC-RNAV15 08 NOV 2018
07AD2-FOON-IAC-RNAV33 08 NOV 2018
07AD2-FOON-IAC-ILSY15 08 NOV 2018
07AD2-FOON-IAC-ILSZ15 08 NOV 2018
07AD2-FOON-IAC-VORZY15 08 NOV 2018
07AD2-FOON-IAC-VORZY33 08 NOV 2018
07AD2-FOON-IAC-NDB15 08 NOV 2018
07AD2-FOON-VAC 27 JAN 2022
07AD2-FOON-VLC 27 JAN 2022
07AD2-FOON-CVFR-01 27 JAN 2022
07AD2-FOON-CVFR-02 27 JAN 2022
07AD2-FOON-ILC 27 JAN 2022

LAMBARENE

07AD2-FOGR-VAC 08 NOV 2018
07AD2-FOGR-VLC 08 NOV 2018

LIBREVILLE/LEON M'BA

07AD2-FOOL-ADC 05 DEC 2019
07AD2-FOOL-APDC 06 DEC 2018
07AD2-FOOL-APDC-DATA 06 DEC 2018
07AD2-FOOL-AOC 05 DEC 2019
07AD2-FOOL-ARC 05 DEC 2019
07AD2-FOOL-SID-RNAV16 16 JUN 2022
07AD2-FOOL-SID-RNAV16-DATA-1 16 JUN 2022
07AD2-FOOL-SID-RNAV16-DATA-2 16 JUN 2022
07AD2-FOOL-SID-RNAV34 16 JUN 2022
07AD2-FOOL-STAR-RNAV16 16 JUN 2022
07AD2-FOOL-STAR-RNAV16-DATA-1 16 JUN 2022
07AD2-FOOL-STAR-RNAV16-DATA-2 16 JUN 2022
07AD2-FOOL-STAR-VORDME16 16 JUN 2022
07AD2-FOOL-IAC-RNAV16 16 JUN 2022
07AD2-FOOL-IAC-ILSV16 16 JUN 2022
07AD2-FOOL-IAC-ILSW16 16 JUN 2022
07AD2-FOOL-IAC-ILSX16 16 JUN 2022
07AD2-FOOL-IAC-ILSY16 16 JUN 2022
07AD2-FOOL-IAC-ILSZ16 16 JUN 2022
07AD2-FOOL-IAC-VORYX16 16 JUN 2022
07AD2-FOOL-IAC-VORZ16 16 JUN 2022
07AD2-FOOL-IAC-NDB16 16 JUN 2022
07AD2-FOOL-VAC 06 DEC 2018
07AD2-FOOL-VLC 06 DEC 2018
07AD2-FOOL-CVFR-01 08 NOV 2018
07AD2-FOOL-CVFR-02 08 NOV 2018
07AD2-FOOL-ILC 06 DEC 2018

MAKOKOU

07AD2-FOOK-VAC 08 NOV 2018
07AD2-FOOK-VLC 08 NOV 2018

MOANDA BANGOMBE

07AD2-FOOD-VAC 08 NOV 2018
07AD2-FOOD-VLC 08 NOV 2018

MOUILA /RAPHAEL BOUBALA

07AD2-FOGM-VAC 08 NOV 2018
07AD2-FOGM-VLC 08 NOV 2018

OYEM

07AD2-FOGO-VAC 08 NOV 2018
07AD2-FOGO-VLC 08 NOV 2018

PORT-GENTIL

07AD2-FOOG-ADC 24 FEB 2022
07AD2-FOOG-APDC 24 FEB 2022
07AD2-FOOG-AOC 24 FEB 2022

07AD2-FOOG-IAC-RNAV03 08 NOV 2018
07AD2-FOOG-IAC-RNAV21 08 NOV 2018
07AD2-FOOG-IAC-ILSX21 08 NOV 2018
07AD2-FOOG-IAC-ILSY21 08 NOV 2018
07AD2-FOOG-IAC-ILSZ21 08 NOV 2018
07AD2-FOOG-IAC-NDB03 08 NOV 2018
07AD2-FOOG-IAC-NDB21 08 NOV 2018
07AD2-FOOG-IAC-VOR03 08 NOV 2018
07AD2-FOOG-IAC-VOR21 08 NOV 2018
07AD2-FOOG-VAC 24 FEB 2022
07AD2-FOOG-VLC 24 FEB 2022
07AD2-FOOG-CVFR-01 24 FEB 2022
07AD2-FOOG-CVFR-02 24 FEB 2022
07AD2-FOOG-ILC 24 FEB 2022

TCHIBANGA

07AD2-FOOT-VAC 08 NOV 2018
07AD2-FOOT-VLC 08 NOV 2018

08

BATA

08AD2-FGBT-ADC 10 SEP 2020
08AD2-FGBT-AOC 10 SEP 2020
08AD2-FGBT-IAC-ILSY21 08 NOV 2018
08AD2-FGBT-IAC-ILSZ21 08 NOV 2018
08AD2-FGBT-IAC-VORY03 08 NOV 2018
08AD2-FGBT-IAC-VORZ03 08 NOV 2018
08AD2-FGBT-IAC-VORY21 08 NOV 2018
08AD2-FGBT-IAC-VORZ21 08 NOV 2018
08AD2-FGBT-VAC 10 SEP 2020
08AD2-FGBT-VLC 10 SEP 2020
08AD2-FGBT-ILC 10 SEP 2020

MALABO

08AD2-FGSL-ADC 10 SEP 2020
08AD2-FGSL-AOC 10 SEP 2020
08AD2-FGSL-ARC 05 DEC 2019
08AD2-FGSL-STAR-RNAV04 08 NOV 2018
08AD2-FGSL-STAR-RNAV22 08 NOV 2018
08AD2-FGSL-STAR-VORDME0422 08 NOV 2018
08AD2-FGSL-IAC-RNAV04 08 NOV 2018
08AD2-FGSL-IAC-RNAV22 08 NOV 2018
08AD2-FGSL-IAC-RNAV-ILS22 08 NOV 2018
08AD2-FGSL-IAC-ILS22 08 NOV 2018
08AD2-FGSL-IAC-VOR_NDB04 08 NOV 2018
08AD2-FGSL-IAC-VOR_NDB22 08 NOV 2018
08AD2-FGSL-IAC-VOR_NDB_ILS22 08 NOV 2018
08AD2-FGSL-IAC-VORDME04 08 NOV 2018
08AD2-FGSL-IAC-VORDME22 08 NOV 2018
08AD2-FGSL-VAC 10 SEP 2020
08AD2-FGSL-VLC 10 SEP 2020
08AD2-FGSL-ILC 10 SEP 2020

MONGOMEYEN/GENERAL OBIANG

08AD2-FGMY-ADC 10 SEP 2020
08AD2-FGMY-AOC 10 SEP 2020
08AD2-FGMY-IAC-ILSY18 08 NOV 2018
08AD2-FGMY-IAC-ILSZ18 08 NOV 2018
08AD2-FGMY-IAC-VORY18 08 NOV 2018
08AD2-FGMY-IAC-VORZ18 08 NOV 2018
08AD2-FGMY-IAC-VOR36 08 NOV 2018
08AD2-FGMY-VAC 10 SEP 2020
08AD2-FGMY-VLC 10 SEP 2020
08AD2-FGMY-ILC 10 SEP 2020

09

ANDAPA

09AD2-FMND-VAC 08 NOV 2018
09AD2-FMND-VLC 08 NOV 2018

ANTALAHA / ANTSIRABATO

09AD2-FMNH-VAC 08 NOV 2018
09AD2-FMNH-VLC 08 NOV 2018

ANTANANARIVO / IVATO

09AD2-FMMI-ADC 05 DEC 2019
09AD2-FMMI-APDC 08 NOV 2018
09AD2-FMMI-AOC 05 DEC 2019
09AD2-FMMI-ARC 05 DEC 2019
09AD2-FMMI-SID-RNAV11 08 NOV 2018
09AD2-FMMI-SID-RNAV29 08 NOV 2018
09AD2-FMMI-SID-VORDME11 08 NOV 2018
09AD2-FMMI-SID-VORDME29 08 NOV 2018
09AD2-FMMI-STAR-RNAV11 08 NOV 2018
09AD2-FMMI-STAR-RNAV29 08 NOV 2018
09AD2-FMMI-STAR-VORDME1129 08 NOV 2018
09AD2-FMMI-RMAC 05 DEC 2019
09AD2-FMMI-IAC-RNAV11 08 NOV 2018
09AD2-FMMI-IAC-RNAV29 08 NOV 2018
09AD2-FMMI-IAC-RNAV_ILS11 08 NOV 2018
09AD2-FMMI-IAC-ILSY11 08 NOV 2018
09AD2-FMMI-IAC-ILSZ11 08 NOV 2018
09AD2-FMMI-IAC-NDB11 08 NOV 2018
09AD2-FMMI-IAC-NDB29 08 NOV 2018
09AD2-FMMI-IAC-VOR11 08 NOV 2018
09AD2-FMMI-IAC-VORY29 08 NOV 2018
09AD2-FMMI-IAC-VORZ29 08 NOV 2018
09AD2-FMMI-VAC 08 NOV 2018
09AD2-FMMI-VLC 08 NOV 2018
09AD2-FMMI-ILC 08 NOV 2018

ANTSIRANANA / ARRACHART

09AD2-FMNA-VAC 08 NOV 2018
09AD2-FMNA-VLC 08 NOV 2018
09AD2-FMNA-IAC-NDB13 08 NOV 2018
09AD2-FMNA-IAC-RNP13 29 DEC 2022
09AD2-FMNA-IAC-RNP13-DATA 29 DEC 2022

FIANARANTSOA

09AD2-FMSF-VAC 08 NOV 2018
09AD2-FMSF-VLC 08 NOV 2018
09AD2-FMSF-IAC-NDB08 08 NOV 2018
09AD2-FMSF-IAC-NDB26 08 NOV 2018

MAHAJANGA / PHILIBERT TSIRANANA

09AD2-FMNM-ADC 27 JAN 2022
09AD2-FMNM-APDC 27 JAN 2022
09AD2-FMNM-AOC 05 DEC 2019
09AD2-FMNM-STAR-RNAV14 08 NOV 2018
09AD2-FMNM-STAR-DATA-RNAV14 08 NOV 2018
09AD2-FMNM-STAR-RNAV32 08 NOV 2018
09AD2-FMNM-STAR-DATA-RNAV32 08 NOV 2018
09AD2-FMNM-STAR-VORDME1432 08 NOV 2018
09AD2-FMNM-IAC-RNAV14 08 NOV 2018
09AD2-FMNM-IAC-DATA-RNAV14 08 NOV 2018
09AD2-FMNM-IAC-RNAV32 08 NOV 2018
09AD2-FMNM-IAC-DATA-RNAV32 08 NOV 2018
09AD2-FMNM-IAC-VORYX14 08 NOV 2018



09AD2-FMNM-IAC-VORZ14 06 DEC 2018
09AD2-FMNM-IAC-VORY32 06 DEC 2018
09AD2-FMNM-IAC-VORZ32 06 DEC 2018
09AD2-FMNM-IAC-NDB32 08 NOV 2018
09AD2-FMNM-VAC 27 JAN 2022
09AD2-FMNM-VLC 27 JAN 2022
09AD2-FMNM-ILC 27 JAN 2022

MANANJARY

09AD2-FMSM-VAC 08 NOV 2018
09AD2-FMSM-VLC 08 NOV 2018
09AD2-FMSM-IAC-CATAB_L04 08 NOV 2018
09AD2-FMSM-IAC-CATCD_L04 08 NOV 2018
09AD2-FMSM-IAC-CATAB_L22 08 NOV 2018
09AD2-FMSM-IAC-CATCD_L22 08 NOV 2018

MORONDAVA

09AD2-FMMV-VAC 08 NOV 2018
09AD2-FMMV-VLC 08 NOV 2018
09AD2-FMMV-IAC-CATAB_NDB10 08 NOV 2018
09AD2-FMMV-IAC-CATCD_NDB10 08 NOV 2018
09AD2-FMMV-IAC-CATAB_NDB28 08 NOV 2018
09AD2-FMMV-IAC-CATCD_NDB28 08 NOV 2018

NOSY-BE / FASCENE

09AD2-FMNN-ADC 05 DEC 2019
09AD2-FMNN-AOC 05 DEC 2019
09AD2-FMNN-IAC-CATAB_VORDME23 08 NOV 2018
09AD2-FMNN-IAC-CATCD_VORDME23 08 NOV 2018
09AD2-FMNN-IAC-CATAB_NDB23 08 NOV 2018
09AD2-FMNN-IAC-CATCD_NDB23 08 NOV 2018
09AD2-FMNN-IAC-CATAB_VOR23 08 NOV 2018
09AD2-FMNN-IAC-CATCD_VOR23 08 NOV 2018
09AD2-FMNN-VAC 08 NOV 2018
09AD2-FMNN-VLC 08 NOV 2018

SAINTE-MARIE

09AD2-FMMS-VAC 08 NOV 2018
09AD2-FMMS-VLC 08 NOV 2018
09AD2-FMMS-IAC-L01 08 NOV 2018
09AD2-FMMS-IAC-L19 08 NOV 2018
09AD2-FMMS-IAC-RNP01 29 DEC 2022
09AD2-FMMS-IAC-RNP01-DATA 29 DEC 2022
09AD2-FMMS-IAC-RNP19 29 DEC 2022
09AD2-FMMS-IAC-RNP19-DATA 29 DEC 2022

SAMBAVA / SUD

09AD2-FMNS-VAC 08 NOV 2018
09AD2-FMNS-VLC 08 NOV 2018
09AD2-FMNS-IAC-CATAB_NDB34 08 NOV 2018
09AD2-FMNS-IAC-CATCD_NDB34 08 NOV 2018
09AD2-FMNS-IAC-CATAB_NDBDME34 08 NOV 2018

09AD2-FMNS-IAC-CATCD_NDBDME34 08 NOV 2018
09AD2-FMNS-IAC-L_DME16 08 NOV 2018
09AD2-FMNS-IAC-NDB16 08 NOV 2018
09AD2-FMNS-IAC-NDB_DME16 08 NOV 2018

TOAMASINA/AMBALAMANASY

09AD2-FMMT-ADC 27 JAN 2022
09AD2-FMMT-AOC 27 JAN 2022
09AD2-FMMT-IAC-RNAV01 08 NOV 2018
09AD2-FMMT-IAC-RNAV19 08 NOV 2018
09AD2-FMMT-IAC-RNAVILS19 08 NOV 2018
09AD2-FMMT-IAC-ILSZ19 08 NOV 2018
09AD2-FMMT-IAC-VOR_NDB01 08 NOV 2018
09AD2-FMMT-IAC-VOR_NDB19 08 NOV 2018
09AD2-FMMT-VAC 27 JAN 2022
09AD2-FMMT-VLC 27 JAN 2022
09AD2-FMMT-CVFR-01 27 JAN 2022
09AD2-FMMT-CVFR-02 27 JAN 2022
09AD2-FMMT-ILC 27 JAN 2022

TOLAGNARO / MARILLAC

09AD2-FMSD-VAC 08 NOV 2018
09AD2-FMSD-VLC 08 NOV 2018
09AD2-FMSD-IAC-CATAB_NDBDME08 08 NOV 2018
09AD2-FMSD-IAC-CATCD_NDBDME08 08 NOV 2018
09AD2-FMSD-IAC-CATAB_NDBDME26 08 NOV 2018
09AD2-FMSD-IAC-CATCD_NDBDME26 08 NOV 2018
09AD2-FMSD-IAC-CATAB_NDB08 08 NOV 2018
09AD2-FMSD-IAC-CATCD_NDB08 08 NOV 2018
09AD2-FMSD-IAC-CATAB_NDB26 08 NOV 2018
09AD2-FMSD-IAC-CATCD_NDB26 08 NOV 2018

TOLIARY

09AD2-FMST-VAC 08 NOV 2018
09AD2-FMST-VLC 08 NOV 2018
09AD2-FMST-IAC-CATAB_NDB04 08 NOV 2018
09AD2-FMST-IAC-CATCD_NDB04 08 NOV 2018
09AD2-FMST-IAC-NDB22 08 NOV 2018
09AD2-FMST-IAC-RNP04 29 DEC 2022
09AD2-FMST-IAC-RNP04-DATA 29 DEC 2022
09AD2-FMST-IAC-RNP22 29 DEC 2022
09AD2-FMST-IAC-RNP22-DATA 29 DEC 2022

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**AEROPORT INTERNATIONAL
PRESIDENT MODIBO KEITA - SENOU**

10AD2-GABS-ADC 05 DEC 2019
10AD2-GABS-APDC 08 NOV 2018
10AD2-GABS-AOC 05 DEC 2019
10AD2-GABS-ARC 05 DEC 2019
10AD2-GABS-STAR-RNAV0624 08 NOV 2018
10AD2-GABS-STAR-VORDME0624 08 NOV 2018

10AD2-GABS-RMAC 05 DEC 2019
10AD2-GABS-IAC-RNAV06 08 NOV 2018
10AD2-GABS-IAC-RNAV24 08 NOV 2018
10AD2-GABS-IAC-ILSY06 08 NOV 2018
10AD2-GABS-IAC-ILSZ06 08 NOV 2018
10AD2-GABS-IAC-VORY06.pdf 08 NOV 2018
10AD2-GABS-IAC-VORZ06 08 NOV 2018
10AD2-GABS-IAC-VORY24 08 NOV 2018
10AD2-GABS-IAC-VORZ24 08 NOV 2018
10AD2-GABS-VAC 08 NOV 2018
10AD2-GABS-VLC 08 NOV 2018
10AD2-GABS-ILC 08 NOV 2018

GAO / KOROGOUSSOU

10AD2-GAGO-ADC 04 NOV 2021
10AD2-GAGO-IAC-RNAV07L 08 NOV 2018
10AD2-GAGO-IAC-DATA-RNAV07L 08 NOV 2018
10AD2-GAGO-IAC-RNAV25R 08 NOV 2018
10AD2-GAGO-IAC-DATA-RNAV25R 08 NOV 2018
10AD2-GAGO-VAC 04 NOV 2021
10AD2-GAGO-VLC 04 NOV 2021
10AD2-GAGO-ILC 04 NOV 2021

GROUNDAM

10AD2-GAGM-VAC 08 NOV 2018
10AD2-GAGM-VLC 08 NOV 2018

KAYES / DAG-DAG

10AD2-GAKD-VAC 08 NOV 2018
10AD2-GAKD-VLC 08 NOV 2018
10AD2-GAKD-ILC 08 NOV 2018
10AD2-GAKD-IAC-VORY09 27 JAN 2022
10AD2-GAKD-IAC-VORZ09 27 JAN 2022
10AD2-GAKD-IAC-VORY27 27 JAN 2022
10AD2-GAKD-IAC-VORZ27 27 JAN 2022

KENIEBA

10AD2-GAKA-VAC 08 NOV 2018
10AD2-GAKA-VLC 08 NOV 2018

MOPTI / AMBODEDJO

10AD2-GAMB-VAC 27 JAN 2022
10AD2-GAMB-VLC 27 JAN 2022
10AD2-GAMB-ILC 27 JAN 2022
10AD2-GAMB-IAC-VOR05 08 NOV 2018
10AD2-GAMB-IAC-VOR23 08 NOV 2018

NIORO

10AD2-GANR-VAC 08 NOV 2018
10AD2-GANR-VLC 08 NOV 2018

SIKASSO / DIGNANGAN

10AD2-GASO-ILC 08 NOV 2018

TESSALIT

10AD2-GATS-VAC 08 NOV 2018
10AD2-GATS-VLC 08 NOV 2018
10AD2-GATS-IAC-RNP05 08 NOV 2018
10AD2-GATS-IAC-RNP05-DATA 08 NOV 2018
10AD2-GATS-IAC-RNP23 08 NOV 2018
10AD2-GATS-IAC-RNP23-DATA 08 NOV 2018

TOMBOUCTOU

10AD2-GATB-VAC 08 NOV 2018
10AD2-GATB-VLC 08 NOV 2018
10AD2-GATB-ILC 08 NOV 2018
10AD2-GATB-IAC-RNAV07 08 NOV 2018



10AD2-GATB-IAC-DATA-RNAV07 08 NOV 2018
 10AD2-GATB-IAC-RNAV25 08 NOV 2018
 10AD2-GATB-IAC-DATA-RNAV25 08 NOV 2018

YELIMANE

10AD2-GAYE-VAC 08 NOV 2018
 10AD2-GAYE-VLC 08 NOV 2018

11

AIOUN EL ATROUSS

11AD2-GQNA-VAC 08 NOV 2018
 11AD2-GQNA-VLC 08 NOV 2018

ATAR

11AD2-GQPA-VAC 08 NOV 2018
 11AD2-GQPA-VLC 08 NOV 2018

BIR MOGREIN

11AD2-GQPT-VAC 08 NOV 2018
 11AD2-GQPT-VLC 08 NOV 2018

KAEDI

11AD2-GQNK-VAC 08 NOV 2018
 11AD2-GQNK-VLC 08 NOV 2018

KIFFA

11AD2-GQNF-VAC 08 NOV 2018
 11AD2-GQNF-VLC 08 NOV 2018

NEMA

11AD2-GQNI-VAC 08 NOV 2018
 11AD2-GQNI-VLC 08 NOV 2018
 11AD2-GQNI-ILC 08 NOV 2018

NOUADHIBOU

11AD2-GQPP-ADC 07 OCT 2021
 11AD2-GQPP-APDC 07 OCT 2021
 11AD2-GQPP-AOC 07 OCT 2021
 11AD2-GQPP-STAR-RNAV0220 06 OCT 2022
 11AD2-GQPP-STAR-VORDME0220 06 OCT 2022
 11AD2-GQPP-IAC-RNAV02 06 OCT 2022
 11AD2-GQPP-IAC-RNAV20 06 OCT 2022
 11AD2-GQPP-IAC-ILSY02 06 OCT 2022
 11AD2-GQPP-IAC-ILSZ02 06 OCT 2022
 11AD2-GQPP-IAC-VORY02 06 OCT 2022
 11AD2-GQPP-IAC-VORZ02 06 OCT 2022
 11AD2-GQPP-IAC-VORY20 06 OCT 2022
 11AD2-GQPP-IAC-VORZ20 06 OCT 2022
 11AD2-GQPP-VAC 07 OCT 2021
 11AD2-GQPP-VLC 07 OCT 2021
 11AD2-GQPP-CVFR-01 07 OCT 2021
 11AD2-GQPP-CVFR-02 07 OCT 2021
 11AD2-GQPP-ILC 07 OCT 2021

NOUAKCHOTT - OUMTOUNSY

11AD2-GQNO-ADC 05 NOV 2020
 11AD2-GQNO-APDC 05 NOV 2020
 11AD2-GQNO-APDC-DATA 05 NOV 2020
 11AD2-GQNO-AOC0624 05 NOV 2020
 11AD2-GQNO-AOC1634 05 NOV 2020
 11AD2-GQNO-ARC 05 DEC 2019
 11AD2-GQNO-STAR-VORDME06 08 NOV 2018
 11AD2-GQNO-STAR-VORDME1634 08 NOV 2018
 11AD2-GQNO-RMAC 05 DEC 2019
 11AD2-GQNO-RMAC-DATA 05 DEC 2019

11AD2-GQNO-IAC-RNP06 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNP06 08 NOV 2018
 11AD2-GQNO-IAC-RNP24 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNP24 08 NOV 2018
 11AD2-GQNO-IAC-RNP16 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNP16 08 NOV 2018
 11AD2-GQNO-IAC-RNP34 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNP34 08 NOV 2018
 11AD2-GQNO-IAC-RNAV_ILS06 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNAV_ILS06 08 NOV 2018
 11AD2-GQNO-IAC-ILSZ06 08 NOV 2018
 11AD2-GQNO-IAC-RNAV_ILS34 08 NOV 2018
 11AD2-GQNO-IAC-DATA-RNAV_ILS34 08 NOV 2018
 11AD2-GQNO-IAC-ILSY34 08 NOV 2018
 11AD2-GQNO-IAC-ILSZ34 08 NOV 2018
 11AD2-GQNO-IAC-VORY16 08 NOV 2018
 11AD2-GQNO-IAC-VORZ16 08 NOV 2018
 11AD2-GQNO-IAC-VORX34 08 NOV 2018
 11AD2-GQNO-IAC-VORY34 08 NOV 2018
 11AD2-GQNO-IAC-VORZ34 08 NOV 2018
 11AD2-GQNO-VAC 05 NOV 2020
 11AD2-GQNO-VLC 05 NOV 2020
 11AD2-GQNO-CVFR01 05 NOV 2020
 11AD2-GQNO-CVFR02 05 NOV 2020
 11AD2-GQNO-CVFR03 05 NOV 2020
 11AD2-GQNO-ILC 05 NOV 2020

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AGADEZ / MANO DAYAK

12AD2-DRZA-VAC 08 NOV 2018
 12AD2-DRZA-VLC 08 NOV 2018
 12AD2-DRZA-ILC 08 NOV 2018
 12AD2-DRZA-IAC-NDB07L 25 MAR 2021
 12AD2-DRZA-IAC-NDB25R 25 MAR 2021
 12AD2-DRZA-IAC-RNP07L 25 MAR 2021
 12AD2-DRZA-IAC-RNP07L-DATA 25 MAR 2021
 12AD2-DRZA-IAC-RNP07R 25 MAR 2021
 12AD2-DRZA-IAC-RNP07R-DATA 25 MAR 2021
 12AD2-DRZA-IAC-RNP25L 25 MAR 2021
 12AD2-DRZA-IAC-RNP25L-DATA 25 MAR 2021
 12AD2-DRZA-IAC-RNP25R 25 MAR 2021
 12AD2-DRZA-IAC-RNP25R-DATA 25 MAR 2021
 12AD2-DRZA-IAC-VOR07L 25 MAR 2021
 12AD2-DRZA-IAC-VOR25R 25 MAR 2021

DIRKOU

12AD2-DRZD-VAC 08 NOV 2018
 12AD2-DRZD-VLC 08 NOV 2018

MARADI

12AD2-DRRM-VAC 08 NOV 2018
 12AD2-DRRM-VLC 08 NOV 2018
 12AD2-DRRM-IAC-RNP08.pdf 25 APR 2019
 12AD2-DRRM-IAC-RNP08-DATA 25 APR 2019
 12AD2-DRRM-IAC-RNAV26 08 NOV 2018
 12AD2-DRRM-IAC-DATA-RNAV26 08 NOV 2018

NIAMEY / DIORI HAMANI

12AD2-DRRN-ADC 04 NOV 2021
 12AD2-DRRN-APDC 04 NOV 2021
 12AD2-DRRN-APDC-DATA 04 NOV 2021
 12AD2-DRRN-AOC 09R-27L 04 NOV 2021
 12AD2-DRRN-AOC 09L-27R 04 NOV 2021
 12AD2-DRRN-ARC 05 DEC 2019
 12AD2-DRRN-SID-RNAV09R 19 MAY 2022
 12AD2-DRRN-SID-RNAV27L 16 JUN 2022
 12AD2-DRRN-STAR-RNAV09R 19 MAY 2022
 12AD2-DRRN-STAR-RNAV09R-DATA 19 MAY 2022
 12AD2-DRRN-STAR-RNAV27I 19 MAY 2022
 12AD2-DRRN-STAR-RNAV27L-DATA 19 MAY 2022
 12AD2-DRRN-STAR-VORDME09R 19 MAY 2022
 12AD2-DRRN-STAR-VORDME27L 19 MAY 2022
 12AD2-DRRN-RMAC 05 DEC 2019
 12AD2-DRRN-IAC-RNP09R 19 MAY 2022
 12AD2-DRRN-IAC-RNP09R-DATA 19 MAY 2022
 12AD2-DRRN-IAC-RNP27L 19 MAY 2022
 12AD2-DRRN-IAC-RNP27L-DATA 19 MAY 2022
 12AD2-DRRN-IAC-RNP09L 19 MAY 2022
 12AD2-DRRN-IAC-RNP09L-DATA 19 MAY 2022
 12AD2-DRRN-IAC-RNP27R 19 MAY 2022
 12AD2-DRRN-IAC-RNP27R-DATA 19 MAY 2022
 12AD2-DRRN-IAC-ILSX09R 16 JUN 2022
 12AD2-DRRN-IAC-ILSX09R-DATA 16 JUN 2022
 12AD2-DRRN-IAC-ILSZ09R 16 JUN 2022
 12AD2-DRRN-IAC-VOR09R 19 MAY 2022
 12AD2-DRRN-IAC-VOR27L 19 MAY 2022
 12AD2-DRRN-VAC 04 NOV 2021
 12AD2-DRRN-VLC 04 NOV 2021
 12AD2-DRRN-CVFR-01 04 NOV 2021
 12AD2-DRRN-CVFR-02 04 NOV 2021
 12AD2-DRRN-ILC 04 NOV 2021

TAHOUA

12AD2-DRRT-VAC 08 NOV 2018
 12AD2-DRRT-VLC 08 NOV 2018
 12AD2-DRRT-IAC-RNAV06 08 NOV 2018
 12AD2-DRRT-IAC-DATA-RNAV06 08 NOV 2018
 12AD2-DRRT-IAC-RNAV24 08 NOV 2018
 12AD2-DRRT-IAC-DATA-RNAV24 08 NOV 2018

ZINDER

12AD2-DRZR-VAC 08 NOV 2018
 12AD2-DRZR-VLC 08 NOV 2018
 12AD2-DRZR-ILC 08 NOV 2018
 12AD2-DRZR-IAC-RNP05 24 MAR 2022
 12AD2-DRZR-IAC-RNP05-DATA 24 MAR 2022
 12AD2-DRZR-IAC-RNP23 24 MAR 2022
 12AD2-DRZR-IAC-RNP23-DATA 24 MAR 2022
 12AD2-DRZR-IAC-VOR05 24 MAR 2022
 12AD2-DRZR-IAC-VOR23 24 MAR 2022
 12AD2-DRZR-IAC-NDB05 24 MAR 2022
 12AD2-DRZR-IAC-NDB23 24 MAR 2022

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AEROPORT INTERNATIONAL DE CAP SKIRRING

13AD2-GOGS-VAC 08 NOV 2018
13AD2-GOGS-IAC-RNAV15 08 NOV 2018

DAKAR/LEOPOLDSEDA SENGHOR

13AD2-GOOY-ADC 05 DEC 2019
13AD2-GOOY-APDC 08 NOV 2018
13AD2-GOOY-AOC 05 DEC 2019
13AD2-GOOY-VAC 08 NOV 2018
13AD2-GOOY-VLC 08 NOV 2018
13AD2-GOOY-CVFR-01 08 NOV 2018
13AD2-GOOY-CVFR-02 08 NOV 2018
13AD2-GOOY-ILC 08 NOV 2018

SAINT LOUIS

13AD2-GOSS-VAC 08 NOV 2018
13AD2-GOSS-VLC 08 NOV 2018
13AD2-GOSS-ILC 08 NOV 2018
13AD2-GOSS-IAC-L18 08 NOV 2018
13AD2-GOSS-IAC-L36 08 NOV 2018

TAMBACOUNDA

13AD2-GOTT-VAC 08 NOV 2018

ZIGUINCHOR

13AD2-GOGG-VAC 08 NOV 2018
13AD2-GOGG-IAC-VOR10 08 NOV 2018
13AD2-GOGG-IAC-VOR28 08 NOV 2018

**AEROPORT INTL BLAISE DIAGNE -
DAKAR - DIASS**

13AD2-GOBD-ADC 24 FEB 2022
13AD2-GOBD-APDC 24 FEB 2022
13AD2-GOBD-ACFT-APDC 24 FEB 2022
13AD2-GOBD-AOC 24 FEB 2022
13AD2-GOBD-ARC 05 DEC 2019
13AD2-GOBD-STAR-VORDME01 06 OCT 2022
13AD2-GOBD-STAR-VORDME19 06 OCT 2022
13AD2-GOBD-RMAC 05 DEC 2019
13AD2-GOBD-RMAC-DATA 05 DEC 2019
13AD2-GOBD-IAC-RNAV01 06 OCT 2022
13AD2-GOBD-IAC-DATA-RNAV01 06 OCT 2022
13AD2-GOBD-IAC-RNAV19 06 OCT 2022
13AD2-GOBD-IAC-DATA-RNAV19 06 OCT 2022
13AD2-GOBD-IAC-ILSX01 06 OCT 2022
13AD2-GOBD-IAC-ILSX01-DATA 06 OCT 2022
13AD2-GOBD-IAC-ILSY01 06 OCT 2022
13AD2-GOBD-IAC-ILSZ01 06 OCT 2022
13AD2-GOBD-IAC-VORY01 06 OCT 2022
13AD2-GOBD-IAC-VORZ01 06 OCT 2022
13AD2-GOBD-IAC-VORY19 06 OCT 2022
13AD2-GOBD-IAC-VORZ19 06 OCT 2022
13AD2-GOBD-VAC 24 FEB 2022
13AD2-GOBD-VLC 24 FEB 2022
13AD2-GOBD-CVFR-01 24 FEB 2022
13AD2-GOBD-CVFR-02 24 FEB 2022
13AD2-GOBD-ILC 24 FEB 2022

14

ABECHE

14AD2-FTTC-VAC 08 NOV 2018
14AD2-FTTC-VLC 08 NOV 2018
14AD2-FTTC-CVFR-01 08 NOV 2018
14AD2-FTTC-CVFR-02 08 NOV 2018
14AD2-FTTC-IAC-NDB09 08 NOV 2018
14AD2-FTTC-IAC-NDB27 08 NOV 2018

FAYA-LARGEAU

14AD2-FTTY-VAC 08 NOV 2018
14AD2-FTTY-VLC 08 NOV 2018

MONGO

14AD2-FTTM-VA 08 NOV 2018
14AD2-FTTM-VLC 08 NOV 2018

MOUNDOU

14AD2-FTTD-VAC 08 NOV 2018
14AD2-FTTD-VLC 08 NOV 2018
14AD2-FTTD-ILC 08 NOV 2018
14AD2-FTTD-IAC-NDB04 08 NOV 2018
14AD2-FTTD-IAC-NDB22 08 NOV 2018

N'DJAMENA / HASSAN DJAMOUS

14AD2-FTTJ-ADC 05 DEC 2019
14AD2-FTTJ-APDC 08 NOV 2018
14AD2-FTTJ-AOC 05 DEC 2019
14AD2-FTTJ-ARC 05 DEC 2019
14AD2-FTTJ-STAR-RNAV05 08 NOV 2018
14AD2-FTTJ-STAR-DATA-RNAV05 08 NOV 2018
14AD2-FTTJ-STAR-RNAV23 08 NOV 2018
14AD2-FTTJ-STAR-DATA-RNAV23 08 NOV 2018
14AD2-FTTJ-STAR-VORDME0523 08 NOV 2018
14AD2-FTTJ-RMAC 05 DEC 2019
14AD2-FTTJ-RMAC-DATA 05 DEC 2019
14AD2-FTTJ-IAC-RNAV05 08 NOV 2018
14AD2-FTTJ-IAC-DATA-RNAV05 08 NOV 2018
14AD2-FTTJ-IAC-RNAV23 08 NOV 2018
14AD2-FTTJ-IAC-DATA-RNAV23 08 NOV 2018
14AD2-FTTJ-IAC-RNAV_ILS05 08 NOV 2018
14AD2-FTTJ-IAC-DATA-RNAV_ILS05 08 NOV 2018
14AD2-FTTJ-IAC-ILSY05 08 NOV 2018
14AD2-FTTJ-IAC-ILSZ05 08 NOV 2018
14AD2-FTTJ-IAC-VORY05.pdf 08 NOV 2018
14AD2-FTTJ-IAC-VORZ05.pdf 08 NOV 2018
14AD2-FTTJ-IAC-VORY23.pdf 08 NOV 2018
14AD2-FTTJ-IAC-VORZ23.pdf 08 NOV 2018
14AD2-FTTJ-VAC 08 NOV 2018
14AD2-FTTJ-VLC 08 NOV 2018
14AD2-FTTJ-CVFR-01 08 NOV 2018
14AD2-FTTJ-CVFR-02 08 NOV 2018
14AD2-FTTJ-ILC 08 NOV 2018

PALA

14AD2-FTTP-VAC 08 NOV 2018
14AD2-FTTP-VLC 08 NOV 2018

SARH

14AD2-FTTA-ADC 04 NOV 2021
14AD2-FTTA-IAC-RNAV04 08 NOV 2018
14AD2-FTTA-IAC-RNAV22 08 NOV 2018
14AD2-FTTA-VAC 04 NOV 2021
14AD2-FTTA-VLC 04 NOV 2021
14AD2-FTTA-ILC 04 NOV 2021

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**AEROPORT INTERNATIONAL
GNASSINGBE EYADEMA (AIGE)**

15AD2-DXXX-ADC 05 DEC 2019
15AD2-DXXX-APDC 08 NOV 2018
15AD2-DXXX-AOC 05 DEC 2019
15AD2-DXXX-ARC 05 DEC 2019
15AD2-DXXX-SID04 21 APR 2022

15AD2-DXXX-SID22 21 APR 2022
15AD2-DXXX-STAR-RNAV04 21 APR 2022
15AD2-DXXX-STAR-RNAV04-DATA 21 APR 2022
15AD2-DXXX-STAR-RNAV22 21 APR 2022
15AD2-DXXX-STAR-RNAV22-DATA 21 APR 2022
15AD2-DXXX-STAR-VORDME04 21 APR 2022
15AD2-DXXX-STAR-VORDME22 21 APR 2022
15AD2-DXXX-RMAC 05 DEC 2019
15AD2-DXXX-IAC-RNP04 21 APR 2022
15AD2-DXXX-IAC-RNP04-DATA 21 APR 2022
15AD2-DXXX-IAC-RNP22 21 APR 2022
15AD2-DXXX-IAC-RNP22-DATA 21 APR 2022
15AD2-DXXX-IAC-ILSY22 21 APR 2022
15AD2-DXXX-IAC-ILSY22-DATA 21 APR 2022
15AD2-DXXX-IAC-ILSZ22 21 APR 2022
15AD2-DXXX-IAC-VOR04 21 APR 2022
15AD2-DXXX-IAC-VOR22 21 APR 2022
15AD2-DXXX-VAC 08 NOV 2018
15AD2-DXXX-VLC 08 NOV 2018
15AD2-DXXX-CVFR-01 08 NOV 2018
15AD2-DXXX-CVFR-02 08 NOV 2018
15AD2-DXXX-ILC 08 NOV 2018

**AEROPORT INTERNATIONAL DE
NIAMTOUGOU (AIN)**

15AD2-DXNG-ADC 07 OCT 2021
15AD2-DXNG-AOC 07 OCT 2021
15AD2-DXNG-IAC-RNP03 08 NOV 2018
15AD2-DXNG-IAC-DATA-RNP03 08 NOV 2018
15AD2-DXNG-IAC-RNP21 08 NOV 2018
15AD2-DXNG-IAC-DATA-RNP21 08 NOV 2018
15AD2-DXNG-IAC-RNAV_ILS03 08 NOV 2018
15AD2-DXNG-IAC-DATA-RNAV_ILS03 08 NOV 2018
15AD2-DXNG-IAC-ILSY03 08 NOV 2018
15AD2-DXNG-IAC-ILSZ03 08 NOV 2018
15AD2-DXNG-IAC-VORY03 08 NOV 2018
15AD2-DXNG-IAC-VORZ03 08 NOV 2018
15AD2-DXNG-IAC-VORY21 08 NOV 2018
15AD2-DXNG-IAC-VORZ21 08 NOV 2018
15AD2-DXNG-VAC 07 OCT 2021
15AD2-DXNG-VLC 07 OCT 2021
15AD2-DXNG-ILC 07 OCT 2021

SANSANNE-MANGO

15AD2-DXMG-VAC 08 NOV 2018
15AD2-DXMG-VLC 08 NOV 2018

SOKODE

15AD2-DXSK-VAC 08 NOV 2018
15AD2-DXSK-VLC 08 NOV 2018

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MORONI/PRINCE SAID IBRAHIM

16AD2-FMCH-ADC 27 JAN 2022
16AD2-FMCH-AOC 27 JAN 2022
16AD2-FMCH-ARC 05 DEC 2019
16AD2-FMCH-STAR-RNAV0220 08 NOV 2018
16AD2-FMCH-STAR-RNAV02 08 NOV 2018
16AD2-FMCH-RMAC 14 JUL 2022



16AD2-FMCH-IAC-RNAV02	08 NOV 2018
16AD2-FMCH-IAC-ILSX02	08 NOV 2018
16AD2-FMCH-IAC-ILSY02	08 NOV 2018
16AD2-FMCH-IAC-ILSZ02	08 NOV 2018
16AD2-FMCH-IAC-VOR02	08 NOV 2018
16AD2-FMCH-IAC-VPT20	08 NOV 2018
16AD2-FMCH-VAC	27 JAN 2022
16AD2-FMCH-VLC	27 JAN 2022
16AD2-FMCH-ILC	27 JAN 2022

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BISSAU / OSVALDO VIEIRA

17AD2-GGOV-ADC	16 JUL 2020
17AD2-GGOV-APDC	16 JUL 2020
17AD2-GGOV-AOC	16 JUL 2020
17AD2-GGOV-ARC	16 JUL 2020
17AD2-GGOV-STAR-VORDME0321	06 OCT 2022
17AD2-GGOV-RMAC	05 DEC 2019
17AD2-GGOV-IAC-RNAV03	06 OCT 2022
17AD2-GGOV-IAC-RNAV21	06 OCT 2022
17AD2-GGOV-IAC-ILSX21	06 OCT 2022
17AD2-GGOV-IAC-ILSY21	06 OCT 2022
17AD2-GGOV-IAC-ILSZ21	06 OCT 2022
17AD2-GGOV-IAC-VORY03	06 OCT 2022
17AD2-GGOV-IAC-VORZ03	06 OCT 2022
17AD2-GGOV-IAC-VORY21	06 OCT 2022
17AD2-GGOV-IAC-VORZ21	06 OCT 2022
17AD2-GGOV-VAC	16 JUL 2020
17AD2-GGOV-VLC	16 JUL 2020
17AD2-GGOV-ILC	16 JUL 2020



GEN 1 RÉGLEMENTS ET EXIGENCES NATIONAUX

NATIONAL REGULATIONS AND REQUIREMENTS

GEN 1.1 ADMINISTRATIONS DÉSIGNÉES

DESIGNATED AUTHORITIES

AUTORITES AUTHORITIES	ADRESSE POSTALE POSTAL ADDRESS	ADRESSE TELEGRAPHIQUE TELEGRAPHIC ADDRESS		TELEPHONE TELEPHONE
		FAX - E-MAIL - INTERNET	RSFTA	
AVIATION CIVILE ET METEOROLOGIE CIVIL AVIATION AND METEOROLOGY	Ministère du Tourisme et des Transports aériens Sphère Ministérielle, 2 ^{ème} arrondissement Diamniadio – Batiment C Boîte Postale 4049 DAKAR - SÉNÉGAL	Fax : (221) 33 836.07.77 contact@mtta.sn www.mtta.gouv.sn		(221) 33 869.26.90
	Agence Nationale de l'Aviation Civile et de la Météorologie (ANACIM) Aéroport Intl L.S.SENGHOR Boîte Postale 8184 DAKAR/YOFF - SÉNÉGAL	AVIACIVIL Télex : 51206 SG Fax : (221) 33 820.04.03 (221) 33 820.39.67 Site : www.anacim.sn Email : anacim@anacim.sn	GOOYYAYX	(221) 33 865.60.00 (221) 33 869.50.50
	Haute autorité des Aéroports du Sénégal Aéroport International Blaise DIAGNE – AIBD Boîte Postale 33 AIBD Dakar – Diass - SÉNÉGAL	Email Secrétaire Général : babacar.diouf@haas.sn Site Web : www.haas.sn		+221 33 957 03 31 Permanence : +221 77 510.67.45 Ou +221 33 939.59.00 Poste 1354 Mobile Secrétaire Général : +221 77 639 56 05
	AIBD.SA Bloc Sud Batiment administratif de l'Aéroport International Blaise DIAGNE BP 0099 AIBD Dakar – Diass - SÉNÉGAL	Fax: +221 33 957.13.99 Email: info@aibd.sn Site Web www.aibd.sn		+221 33 936.63.00
	Agence des Aéroports du Sénégal Boîte Postale 8412 DAKAR/YOFF - SÉNÉGAL	Fax : (221) 33 820.26.20 (221) 33 820.23.20 (221) 33 820.05.68 (221) 33 820.21.06 Site : www.ads.com E-mail : ads@ads.sn	GOOYYKAN	(221) 33 869.50.50 (221) 33 820.53.22 (221) 33 820.50.99
	Représentation de l'ASECNA auprès de la République du Sénégal Boîte Postale 8132 Aéroport Militaire Léopold Sédar SENGHOR DAKAR/YOFF - SÉNÉGAL	Fax : (221) 33 820.06.00	GOOYYKYX GOBDYDYX	(221) 33 869.23.10 (221) 33 869.22.01
	LIMAK-AIBD-SUMMA SA Aéroport Dakar Blaise DIAGNE Boîte Postale 007 AIBD Dakar – Diass - SÉNÉGAL	dutymanager@dakaraeroport.com https://www.dakaraeroport.com		(221) 33 939.59.00 (221) 33 939.69.00
			GOBDYEYX	
DOUANES CUSTOMS	Subdivision des Douanes de l'Aéroport International Blaise DIAGNE -AIBD Zone Fret Dakar – Diass Brigade Commerciale Brigade Tourisme Brigade Contrôle	Site : www.douanes.sn		+221 77 332.65.64 +221 77 332.65.58 +221 77 332.65.63



	Brigade Spéciale		+221 77 362.74.15
IMMIGRATION IMMIGRATION	Commissariat spécial de l'Aéroport International Blaise DIAGNE -AIBD Batiment administratif Mobile Commissaire spécial Adjoint Commissaire Spécial Corps Urbain 1 ière Brigade 2 ième Brigade 3 ième Brigade VIA Standard LAS.SA : Commissaire Secrétariat Commissaire Permanence Commandant Corps Urbain Brigade spéciale Chef Brigade DAKAR/YOFF - SÉNÉGAL	Spcsa@hotmail.com	Téléphone : +221 77 529.00.37 +221 77 529.01.73 +221 77 529.01.73 +221 77 529.02.77 +221 77 529.02.78 +221 77 529.02.79 +221 33 939.69.00 ou +221 33 939.59.00 Poste 1336 Poste 1334 Poste 1333 Poste 1070 Poste 1337 Poste 1064
SANTÉ HEALTH	Infirmierie - Agence des Aéroports du Sénégal Aéroport International L.S. SENGHOR Boite Postale 8412 DAKAR/YOFF - SÉNÉGAL		(221) 33 869.44.20 (221) 33 869.22.00 (221) 33 869.23.82
	CENTRE MEDICO SOCIAL SUMMA LIMAK AIBD – LAS Aéroport International Blaise DIAGNE -Diass Medecin Chef Service medical d'urgences H24 Standard Controle sanitaire aux frontières Standard		(221) 33 869.44.20 +221 77 529.65.11 +221 78 538.96.11 +221 33 839.59.00 Postes 1150 / 1459 +221 77 397.08.32 +221 33 839.59.00 Postes 1180 / 1181
REDEVANCES AERODROME AERODROME CHARGES	Unité Facturation Représentation ASECNA Boite Postale 8132 - Aéroport Militaire Léopold Sédar SENGHOR DAKAR/YOFF - SÉNÉGAL		+221 33 869.22.56 +221 76 388.60.55
	Guichet Unique Aéroport International Blaise DIAGNE (Representation ASECNA au Sénégal) Chef Unité AIM Standard LAS .SA		+221 77 519.84.35 +221 76 388.60.65 +221 33 839.59.00 Postes BDP 1252 CAISSE 1250
	LIMAK-AIBD-SUMMA SA Aéroport Dakar Blaise DIAGNE BP. : 007 Diass AIBD Dakar – Diass - SÉNÉGAL	facturationlas@dakaraeroport.com sada.diallo@dakaraeroport.com mamadou.diop@dakaraeroport.com	+221 78 538.97.60 +221 77 545.31.36
CONTRÔLE DES PRODUITS AGRICILES AGRICULTURAL QUARANTINE	Poste de Contrôle Phytosanitaire de l'Aéroport International Blaise DIAGNE de Dakar-Diass BP 20054 Thiaroye	Fax : (221) 33 834.28.54 Email : niane-@yahoo.fr	Standard: +221 33 839.59.00 Poste : 3353 Mobile: +221 77 57 85 02



ENQUÊTES ACCIDENTS AIRCRAFT ACCIDENT INVESTIGATION	Exploitation Aéroport Représentation ASECNA au Sénégal -Aéroport AIBD Dakar Diass Boîte Postale 8132 DAKAR/YOFF - SÉNÉGAL			+221 76 123.94.76 +221 77 231.59.20
	ANACIM Boîte Postale 8184 Aéroport Militaire Léopold Sédar SENGHOR DAKAR/YOFF - SÉNÉGAL	Fax : (221) 33 820.04.03 (221) 33.820.39.67		(221) 33 865.60.00
	Bureau d'Enquête et d'Analyse pour la Sécurité de l'Aviation Civile BEA SENEGAL Aéroport Militaire Léopold Sédar SENGHOR Boîte Postale 38042 DAKAR/YOFF - SÉNÉGAL	Fax : (221) 33 865 12.67 E-mail : bea@bea.sn senegalbea@gmail.com notifications@bea.sn	GOOYYLYX	(221) 33 865.60.64 (221) 33 865.12.67 permanence (221) 77 099.97.91
GENDARMERIE	Compagnie de gendarmerie des Transports aériens de l'Aéroport International Blaise DIAGNE -AIBD Dakar Diass Boîte Postale 4011 DAKAR/YOFF - SÉNÉGAL Commandant Compagnie: Adjoint Commandant Compagnie Secretariat Commandant Brigade Batterie Commandant Brigade Fret Commandant Brigade Aerodrome	emcgta@gmail.com		+221 77 529.80.65 +221 77 529.83.65 +221 77 819.96 12 +221 33 859.80.65 +221 77 819.85.27 +221 77 819.85.31 +221 77 819.85.26
INSPECTION SANITAIRE DES ANIMAUX DES DENREES ALIMENTAIRES D'ORIGINE ANIMALE	Service vétérinaire de l'Aéroport International Blaise Diagne	serviceveterinaireaibd@yahoo.com		Standard : + 221 93 959 00 POSTE : 3354

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GEN 2.5 LISTE DES AIDES DE RADIO NAVIGATION
LIST OF RADIO NAVIGATION AIDS

INDICATIF ID	NOM DE LA STATION STATION NAME	INSTALLATION FACILITY	UTILISATION PURPOSE
AH	ANTALAHA	NDB	A
AT	ANTSOHIHY / AMBALABE	NDB	A
DO	ANTSIRANANA / ARRACHART	NDB	AE
FDN	TOLAGNARO	DME-ATT	A
IA	ANTANANARIVO / IVATO	NDB	A
IO	ANTANANARIVO / IVATO	NDB	A
IO	ANTANANARIVO / IVATO	ILS-DME	A
MA	MAHAJANGA	NDB	A
MG	MAHAJANGA	VOR-DME	AE
MJ	MANANJARY	NDB	A
MMY	MAROMAMY	NDB	
MT	TOAMASINA	VOR	AE
MV	TOAMASINA	NDB	A
NSB	NOSY-BE / FASCENE	VOR-DME	A
NT	ANTANANARIVO / IVATO	NDB	A
SA	SAMBAVA	NDB	AE
SB	SAMBAVA	DME-ATT	A
SM	SAINTE-MARIE	NDB	A
TAN	ANTANANARIVO / ANTANETIBE	NDB	A
TE	MORAMANGA	NDB	E
TN	ANKAZOBE	NDB	E
TNV	ANTANANARIVO / IVATO	VOR-DME	AE
TO	TOAMASINA	NDB	A
TO	TOAMASINA/AMBALAMANASY	ILS-DME	A
TU	TOLIARY	VOR-DME	AE
TW	SOAVINANDRIANA	NDB	
VSF	FIANARANTSOA	NDB	A
VSL	MAROANTSETRA	NDB	A
VSN	NOSY-BE / FASCENE	NDB	A
VSO	MORONDAVA	NDB	AE
VSP	TOLAGNARO	NDB	AE
VSQ	TOLIARY	NDB	A



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GEN 3 SERVICES SERVICES

GEN 3.1 SERVICES D'INFORMATION AÉRONAUTIQUE AERONAUTICAL INFORMATION SERVICES

1. SERVICES COMPÉTENTS

L'Information Aéronautique dans les États membres de l'ASECNA est assurée par :

1.1 Le Service de l'Information Aéronautique de l'ASECNA

Adresse Postale/ Postal address :

Téléphone

Internet :

e-mail :

1. RESPONSIBLE SERVICES

Aeronautical information in the ASECNA member states is provided by :

1.1 Aeronautical Information Service of ASECNA

Direction Générale de l'ASECNA - Service AIM
32 Avenue Jean-Jaurès, Boîte Postale 3144 DAKAR SENEGAL

(221) 33.869.56.29

(221) 77 581.73.17

<https://aim.asecna.aero>

dnaai@asecna.org

1.2 Les Bureaux NOTAM Internationaux (B.N.I) qui sont au nombre de 3

B.N.I d'ANTANANARIVO/ NOF ANTANANARIVO

Adresse Postale / Postal address :

Téléphone :

Adresse Télégraphique/Telegraphic address :

aéronautique : FMMMYNYX

commerciale : NOF - ANTANA

e-mail : bnifmmi@asecna.org

B.N.I de BRAZZAVILLE / NOF BRAZZAVILLE

Adresse Postale / Postal address :

Téléphone :

Télécopie :

Adresse Télégraphique/Telegraphic address :

aéronautique : FCCCYNYX

commerciale : NOF - BRAZZAVILLE

e-mail : bnibrazza@asecna.org

bnibrazza@yahoo.fr

B.N.I de DAKAR / NOF DAKAR

Adresse Postale / Postal address :

Téléphone :

Télécopie :

Adresse Télégraphique/Telegraphic address :

aéronautique : GOOOYNYX

commerciale : NOF - DAKAR

e-mail : bnidakar@asecna.org

1.3 Les Unités AIM des aérodromes

Existant sur certains aérodromes (aérodromes de classe internationale), ces Unités sont listées dans le tableau ci-après :.

1.3 Aerodromes AIM Units

Existing on some airports (International airports), these Units are shown in the following table :



Pays Country	Unité AIM AIM Unit	Adresses address	Téléphone Telephone	RSFTA	Adresse e-mail E-mail address
Benin	Cotonou	01 BP 96 - Cotonou (Benin)	(+229) 21-30-14-13 (+229) 21-30-14-02 (+229) 21-30-01-48 Ext: 33310/ Assistance locale (AL) 33315/ Information locale(IL)	DBBBZPZX (AL) DBBBYOYX (IL)	asecna-aim-cotonou@asecna.org
Burkina Faso	Ouagadougou	01 BP 75 Ouagadougou 01	(+226) 25-33-11-20	DFFDZPZX DFFDYOYX	asecna-aim-ouagadougou@asecna.org aimouaga@gmail.com
	Bobo-Dioulasso	01 BP 715 Bobo-Dioulasso 01	(+226) 20-97-01-40 (+226) 20-97-00-70	DFOOZPZX DFOOYOYX	asecna-aim-bobodioulasso@asecna.org aimasecnabobo@gmail.com
Cameroun	Douala	BP.4063 Aéroport international de Douala (Cameroun)	(+237) 69-139-97-74 (+237) 23-342-87-62	FKKDY OYX	asecna-aim-douala@asecna.org
	Garoua	BP.106 Aéroport international de Garoua (Cameroun)	(+237) 222-27-13-02 (+237) 690-03-60-72	FKKRZPZX	asecna-aim-garoua@asecna.org
	Yaounde	BP 33013 Aéroport international de Yaounde-ysimalen (Cameroun)	(+237) 69-968-82-75 (+237) 22-222-04-02	FKYSYOYX	asecna-aim-yaounde@asecna.org
Centrafrique	Bangui	BP 828 Bangui (RCA)	(+236) 72187128 (+236) 75058816	FEFFYOYX	asecna-aim-bangui@asecna.org
Comores	Moroni/ Hahaya	ASECNA BP 2527 - Moroni (Union des Comores)	Tel : (+269) 773 15 93 Fax : (+269) 773 26 13 (+269) 773 21 35	FMCHYOYX FMCHZPZX	asecna-aim-moroni@asecna.org
Congo	Brazzaville	BP.218 Brazzaville (Congo)	(+242) 05.377.95.44	FCBBYOYX FCBBZPZX	asecna-aim-brazza@asecna.org
	Pointe-Noire	BP 1188 Pointe-Noire (Congo)	(+242) 05 377 95 57	FCPPYOYX FCPPZPZX	asecna-aim-pointe-noire@asecna.org
	Ollombo	B.P. 23 - Oyo (Congo)	(+242) 05 622 39 01	FCODYOYX FCODZPZX	asecna-aim-ollombo@asecna.org
Côte d'Ivoire	Abidjan	ASECNA 15 BP 918 Abidjan 15 (Côte d'Ivoire)	(+225) 27. 21.21.58.86 (+225) 27. 21.21.58.58	DIAPZPZX DIAPYOYX	asecna-aim-abidjan@asecna.org
Gabon	Libreville	BP :2252 Libreville	(+241) (0)65 18.25.03	FOOLZPZX FOOLYOYX	asecna-aim-libreville@asecna.org
	Port-Gentil	BP 129 PORTGENTIL	(241) (0)65 82.60.30	FOOGZPZX	asecna-aim-port-gentil@asecna.org
	Franceville /Mvengué	BP 389 Franceville/Mvengué	(241) (0)65 18.23.25	FOONZPZX	asecna-aim-franceville@asecna.org
Guinée Bissau	Bissau	ASECNA CAIXA POSTAL 807 Bissau	(+245) 96 690 15 03	GGOVYOYX GGOVZPZX	aimbissau2006@gmail.com asecna-aim-bissau@asecna.org
Guinée Equatoriale	Malabo	BP416 Malabo (Equatorial Guinea)	(+240) 333 092925	FGSLYOYX/ FGSLDYX	asecna-aim-malabo@asecna.org
Madagascar	Antananarivo/ Ivato	ASECNA BP 46 Ivato aeroport Antananarivo 105 (Madagascar)	(+261) 20 22 581 13 (+261) 20 22 581 14 (+261) 33 23 370 01	FMMIYOYX FMMIZPZX	biafmmi@asecna.org bdpfmmi@asecna.org
	Mahajanga	ASECNA BP 287 Mahajanga 401 (Madagascar)	(+261) 33 23 370 02	FMNMZPZX FMNMYDYX	aimfmnm@asecna.org
	Toamasina	ASECNA BP 85 Toamasina 501 (Madagascar)	(+261) 33 23 370 03	FMMTZPZX	aimfmmt@asecna.org



ENR 4.4 INDICATIFS CODES DES POINTS SIGNIFICATIFS

NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
ABALA	16°03'00"N 004°35'00"E	NIAMEY vers ARLIT
ABAVO	04°26'24"N 018°46'48"E	UT139
ABBIS	11°59'54"N 015°33'48"W	B600 ABM BISSAU - 061° de BISSAU VOR (BIS)
ABEPI	14°22'16.11"N 020°30'43.91"E	UG655 - UM863
ABIPO	06°07'45.11"N 006°17'26.27"W	UV207
ABNEB	20°05'37.79"N 000°48'53.82"E	IAF/IF TESSALIT
ABOXO	13°54'06.75"N 019°19'35.75"E	UM214 - UM863
ADOKO	20°02'02.05"N 000°52'36.15"E	IAF/IF TESSALIT
AGRAP	11°55'25.77"S 043°16'34.94"E	IAF MORONI
AGRIL	14°53'52.55"N 017°52'45.18"W	
AGROB	18°13'27.18"N 016°13'54.73"W	IAF NOUAKCHOTT OUMTOUNSY
AGROD	08°00'00"N 012°24'04"E	G857 T/R Limite FIR N'DJAMENA /FIR BRAZZAVILLE
AGROL	09°45'02.99"N 013°18'07.12"E	
AGRUB	00°25'49"N 008°05'00"E	A616/UA616 Limite TMA LIBREVILLE et TMA SAO-TOME
AGSES	15°28'36.79"S 046°44'09.03"E	
AGSIM	00°08'24"S 007°56'40"E	UG625
AGSOL	14°44'59.42"N 017°02'57.69"W	
AGSUD	07°11'21.50"N 007°47'31.80"W	MAN IAF
AGTEN	00°51'55.50"N 009°30'36.50"E	
AGTIR	01°06'34.18"N 012°28'31.03"E	UQ582 - UR986
AGTOM	01°57'11.96"N 018°05'21.62"E	UT419
AKBOR	00°25'19.17"S 007°16'52.74"E	UA400 - UG625 Brazzaville FIR - Congo
AKDAD	18°29'19.90"N 016°05'55.80"W	
AKDAK	10°21'00"N 015°36'00"W	UG853
AKDEK	20°27'07.24"N 001°04'40.45"E	IAF/IF TESSALIT
AKLIX	16°19'59.70"N 000°09'48.22"E	IAF/IF GAO
AKLOS	05°29'06.15"N 003°55'26.34"W	ABIDJAN IAF
AKMEL	04°35'20.60"N 018°28'12.20"E	BANGUI IF
AKMUT	03°47'14.99"N 011°08'29.49"E	
AKRAN	05°49'54"S 016°44'00"W	
ALUNA	20°07'58.10"S 055°31'10"E	UA400 - UR401
AMBOD	17°22'39"S 055°30'00"E	UA665/UM665F
AMDEX	06°59'44"N 005°10'16.60"W	YAMOUSOUKRO IAF
AMDIR	19°03'24"N 014°47'07"E	A403/UA403 ABM DIRKOU VOR (DIR)
AMDOL	14°21'12"N 026°21'30"W	UN866
AMGIR	14°39'00.49"N 003°55'34.65"W	IAF/IF MOPTI
AMGOR	16°53'34.14"N 007°48'36.99"E	IAF AGADEZ RNP RWY 07L
AMKOT	13°28'36.62"N 002°00'04.32"E	NIAMEY IAF
AMPAS	06°40'00"N 007°49'00"W	UV207/V207
AMPAT	13°43'31.93"N 008°46'14.62"E	IAF ZINDER RNP RWY 05
AMPEK	12°14'58.57"N 001°42'14.25"W	OUAGADOUGOU IAF
AMPER	05°00'00"N 026°24'12"E	UG862

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
AMPIL	03°09'01"N 014°10'14"E	UL434 - UG727
AMPOX	02°54'48"N 001°18'42"E	
AMPUS	03°55'03.80"N 008°51'14.40"E	MALABO IAF/IF
AMREN	06°10'56"N 016°39'24"E	UG624 - UM731 Brazzaville FIR (Central African Republic)
AMSAT	09°00'00"N 002°39'51"W	G859/UG859 T/R Limite FIR ACCRA/FIR DAKAR (Secteur d'ABIDJAN)
AMSEN	22°00'00"N 006°07'02"W	UR866
AMSEP	18°15'59.50"N 015°48'35"W	NOUAKCHOTT IAWP
AMSIK	01°13'01"S 016°50'56"E	UM998 BRAZZAVILLE/KINSHASA
AMSIL	08°46'05"N 000°47'00"E	UM566 - UB726
AMSOM	06°34'54"N 001°05'32"E	TMA LOMÉ
AMSUD	01°43'05.50"N 009°41'37.30"E	BATA IAF
AMTES	20°05'00"N 002°22'00"E	B726 T/R Limite FIR ALGER/FIR NIAMEY
ANDIL	13°42'47"S 048°00'22"E	UG661
ANIPA	04°49'09"N 017°28'29"E	UT475 - UQ583
ANITI	14°44'41.40"N 017°28'29.20"W	UA302 - UQ596 - B600/UB600 - A601/UA601/UB601 - UM725 - UM974 - R975/UR975 - R976/UR976 - UR979 UA302 - UA601 - UB600 - UB601 - UR975 - UR976 - UR 979
ANIXA	11°00'20"N 005°22'26"W	G854/UG854 T/R TMA BAMAKO/ TMA BOBO-DIOULASSO
ANJON	12°07'55.30"S 044°25'42.91"E	
ANKOR	10°00'00"S 050°34'42"E	UA665
ANOBO	01°25'28"S 005°37'30"E	ANNONON AD
ANOMO	09°21'04.62"N 005°45'31.21"W	KORHOGO IAF
ANOPO	04°41'48.39"N 006°50'49.12"W	SAN PEDRO IAF
ANOSI	18°50'10.80"S 047°44'39.90"E	ANTANANARIVO IAF
ANPIR	05°49'54"S 016°44'00"W	
ANTAN	15°34'27.01"S 046°06'57.70"E	
ANTIR	21°14'30.40"S 055°12'14.20"E	
ANTOL	19°49'51.30"S 053°05'42.30"E	
ANUKI	05°09'23.76"N 024°27'26.74"E	UT325 - UT419
ANUMU	15°44'01.41"N 008°10'04.78"W	UM122 - UG615 - UR977 Dakar FIR (Mauritania)
ANURO	17°56'26.80"N 016°04'35.10"W	
ANUSA	09°29'05.50"N 007°46'20.60"W	ODIENNE IAF
ANUVO	07°50'59"N 002°48'04"W	UP685
ANVOR	18°05'51"S 054°09'34"E	UN304 - UG661
APATA	09°24'21.98"N 013°09'14.67"E	GAROUA IAF
APAXO	02°05'00.10"N 009°53'45.50"E	BATA IF
APELU	18°18'26.02"S 049°24'54.47"E	
APEMI	04°19'36"S 011°38'53"E	UY339 - UR987
APERL	13°28'54.16"N 006°55'47.10"E	IAF IF MARADI
APERO	16°15'00"N 002°16'20"E	B726 T/R Limite TMA NIAMEY
APKOT	18°20'15.40"S 055°23'49.80"E	UL433



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
APLEM	18°29'10"S 054°43'54"E	UG661	ASDOK	01°36'48"S 022°26'24"W	
APMAS	12°40'08.30"S 045°02'58.30"E		ASEBA	07°18'40"N 028°13'08"W	UL435 - UN873
APONO	04°01'23"N 011°36'21.60"E	YAOUNDE Ns. IAF	ASKOL	15°48'54"N 024°00'05.35"E	UM863
APONU	05°26'50.80"N 003°50'56.70"W	ABIDJAN IAF	ASKON	06°17'44.81"N 026°25'36.56"E	UT139 - UT419
APOPA	01°35'00"N 009°42'42"E	UQ583 - G857/UG857 Limite TMA LIBREVILLE	ASOBU	04°21'13"N 024°13'36"W	
APOXI	12°20'20.08"N 015°07'37.54"E	N'DJAMENA IAF	ASSAM	08°00'00"N 012°54'54"E	H455/UH455 T/R Limite TMA GAROUA/CIV BRAZZAVILLE
APSOM	03°21'53.98"S 009°21'33.53"E	UA400 - UQ562 UIR BRAZZAVILLE CONGO	ATANI	03°26'12"S 013°14'06"W	
APTAL	00°21'32.93"S 010°26'23.02"E	G856 Brazzaville FIR (Congo)	ATOLA	10°00'00"S 046°28'30"E	UL433
APTEX	14°15'24"N 013°01'58"E	UG622 - UG727	AVIGA	17°17'12.63"S 049°50'18.76"E	IAF FMMS-IAC-RNP01
APTON	04°14'13.30"S 015°27'02"E	IAF BRAZZAVILLE	AXOTA	25°55'24"S 050°00'00"E	UG652
APTON	14°34'42"N 017°27'25.70"W	DAKAR IAF	AZARE	06°15'57.16"N 001°27'44.84"E	LOME ILS Y or LOC Y - RWY 22 IAF
APTOS	07°02'24.09"N 015°45'45.64"E	UQ584 - UG624	BADIA	12°16'00"N 013°45'36"W	UR979
ARAKI	05°18'00"S 010°44'00"E	A400/UA400 T/R limite FIR BRAZZAVILLE/FIR LUANDA	BAKAB	16°14'16.29"N 000°01'35.42"W	UT365 - UA603 - A612/UA612 - UM629 - G859/UG859 - R981/UR981
ARAMO	11°35'09"N 004°19'56"W		BALBY	18°45'31.38"S 047°13'25.43"E	ANTANANARIVO IAF
ARASI	01°48'02.38"N 010°16'38.54"E	H455/UH455 - UQ583 - UG861 T/C Limite TMA DOUALA/LIBREVILLE	BAMAV	00°35'39.18"N 018°08'24.51"E	UQ580
ARASO	02°00'00"S 005°32'39"W		BANGA	13°05'27"N 000°53'57"E	G854
ARBEG	13°13'55"N 020°57'40"E	UM215 - UG655 - G660/UG660 172° D'ABECHE L (AB)	BATIA	11°00'00"N 001°27'18"E	UQ592 - UM629 - B726/UB726 T/R Limite TMANIAMEY/FIR ACCRA
ARBEL	00°42'17.13"S 013°06'40.78"E	UT419 - UR986	BATVU	00°35'27.98"N 017°53'24.93"E	UT143
ARBEN	16°26'19"N 016°21'40"W	R975 T/R Limite TMA NOUAKCHOTT / TMA DAKAR	BEPOM	10°54'12.70"N 006°06'24.61"W	UP685 - UG854
ARDAN	00°35'26.60"N 009°32'53.30"E		BERIL	10°00'00"S 045°59'36"E	UN305 - UR775
ARDAR	20°30'00"N 013°04'00"W	UR620 - UB728 - UA854 - R975/UR975	BIDAX	16°55'33.34"N 012°01'54.59"E	UT237 - UQ592
ARDAS	07°34'50.64"N 005°14'10.59"W	BOUAKE IAF	BIDER	09°20'57.32"N 013°34'48.40"E	GAROUA IAF/IF
ARDET	05°33'38"N 005°46'06"W	UQ592 - UB600	BIDOK	12°49'59"N 009°15'46"W	A601 T/R Limite TMA BAMAKO partie 1
ARDEX	04°07'18"N 007°52'18"E	UP685	BIDOL	04°16'58.30"S 015°03'00.40"E	BRAZZAVILLE IAF
ARDOS	18°10'48.16"N 015°46'07.01"W	IAF NOUAKCHOTT OUMTOUNSY	BIDOM	17°17'42"N 003°30'55"E	UM114 - UG855
ARDUM	00°53'09"N 010°29'58"E	UG625 - UG861 UTA LIBREVILLE - GABON	BIDON	07°16'50.69"N 017°14'16.12"E	UQ200 - UA607
AREKA	06°23'03"N 013°43'08"E	UT475 - UG727	BIDUX	18°38'27"N 000°52'15"W	UM629 - UB727
AREMA	16°05'30.25"N 000°07'45.55"W	IAF GAO	BIGAD	14°56'05"N 003°07'20"W	A612 Point on Mopti TMA boundary. Mali. Dakar FIR
ARGAM	13°47'46.47"N 000°40'21.52"E	UM629 - UM974 UM629 - UM974	BIGIS	04°34'14.01"N 006°44'01.23"W	SAN PEDRO IAF/IF
ARIBO	12°44'44.40"N 001°21'45.80"W		BIGOM	10°31'51"N 003°05'04"W	UM104 - UA601 - UA614
ARIBU	03°31'21"S 011°34'12"E	Brazzaville FIR (Congo)	BIKAB	06°47'26.91"N 002°22'55.96"E	
ARIDO	20°43'12"N 017°05'16.90"W	NOUADHIBOU IAF	BIKET	00°37'29.60"N 009°47'38.40"E	
ARIKO	17°12'40"N 014°50'02"W	A600 T/R Limite TMA NOUAKCHOTT partie 1	BIKIP	05°18'12"N 001°11'30"E	
ARKEV	03°51'57.57"N 012°42'54.34"E	R984-2/UR984 Yaounde TMA Boundary in Brazzaville FIR (Cameroon)	BIKIS	16°16'41"N 016°46'57"W	UB601
ARKOS	04°00'00"S 006°35'00"E	UT419 - UQ582	BIKOR	12°44'04.10"N 001°41'19.60"W	
ARKUR	14°38'25"N 007°00'00"W	UM108 - UB735 - UM974 Bamako TMA. Mali.	BILEV	04°03'13.55"S 015°20'52.82"E	IAF BRAZZAVILLE
ARKUS	01°31'58.80"S 013°14'38.95"E		BILEX	10°04'07"N 013°55'45"E	G857 T/R Limite TMA MAROUA
ARLEM	00°23'30"N 007°44'42"W		BIMAS	12°15'24.40"N 015°12'20.50"E	N'DJAMENA IAF
ARLEX	10°16'47"N 000°17'13"E	UQ592 - UR984	BIMOD	04°15'50.38"N 008°01'56.86"E	MALABO - PORT HARCOURT
ARLIX	06°09'02"N 005°06'36"W	UQ592 - UR979	BIMOG	25°13'00"N 011°33'00"W	R975/UR975
AROGA	20°14'51.96"N 001°26'58.51"W	UM104 - UA614 - UM629	BIMOL	20°23'31.57"N 001°08'23.35"E	IAF/IF TESSALIT
			BIMOL	09°34'13.41"N 007°45'17.27"W	ODIENNE IAF
			BIMUT	18°23'29.70"N 018°00'00"W	UG853
			BINAB	13°23'54.49"N 006°56'19.27"E	IAF MARADI
			BINAD	18°04'49.63"N 016°06'14.56"W	IAF NOUAKCHOTT OUMTOUNSY

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
BINAS	00°38'43.80"N 009°19'18.80"E	LIBREVILLE IAF	BUMBI	12°28'00"N 012°58'00"W	UM372 - UR722
BINAT	03°41'38.93"N 008°29'49.86"E	MALABO IAF	BUNKA	07°03'04.77"N 005°14'01.67"W	YAMOOUSSOUKRO IAF/IF
BINET	09°20'10.52"N 018°24'33.94"E	SARH IAF	BUNLI	14°41'35"N 008°50'22"W	G851/UG851 - UM974 Bamako TMA Boundary in Niamey FIR (Mali)
BINOK	05°25'15.78"N 003°46'10.37"W	ABIDJAN IAF	BUNLU	16°34'28"N 013°39'27"E	A607/UA607 - UM731 - UR778
BIPAV	02°58'56"N 002°31'20"E		BUNVO	14°38'01"N 006°47'49"W	
BIPER	05°28'29.90"N 003°50'15.80"W	ABIDJAN IAWP	BUPAS	14°27'10.20"N 011°35'29.10"W	KAYES IAF
BIPEX	04°31'12"N 001°47'24"E	UR979	BURAT	16°56'48"N 014°51'52"E	UA403 - UG862
BIPIV	03°10'32.90"N 006°46'57.36"E	UG856	BURDU	12°06'21.03"N 015°40'15.54"W	BISSAU IAF
BIPOX	04°12'14.40"N 018°27'36"E	BANGUI IAF	BUROM	11°45'17"N 002°55'18"W	G854 T/C Limite TMA BOBO-DIOULASSO/TMA OUAGADOUGOU
BIRAL	10°55'33"S 047°34'36"E	UM307 - UL433			
BIRIX	06°51'48"N 012°33'05"E	UH455 - UT475	BUTEM	05°30'00"S 010°00'00"W	UL435
BIROV	16°47'48.33"N 002°50'14.54"W	IAF/IF TOMBOUCTOU	BUVUK	05°30'00"N 025°50'00"W	UL435 - UN866
BISEP	06°03'35.75"N 001°26'54.14"E	LOME VOR RWY 04 IAF	BUXON	08°29'02"N 029°46'59"W	R975 T/R LIMIT FIR CANARIAS / FIR DAKAR
BISIK	13°22'24.41"N 002°00'22.54"E	NIAMEY IAF	CARIM	26°00'00"N 011°11'41.80"W	A607 T/R Limite TMA N'DJAMENA partie 1
BISIL	01°46'45.38"S 013°37'54.37"E		CHARI	10°55'16.13"N 015°35'51.29"E	UY212 - UQ594
BITEX	01°15'48"N 019°51'24"W		DAMNA	14°56'34"N 004°35'00"E	UA400 - UQ582 Brazzaville FIR (Congo)
BOLBE	13°25'26.42"N 014°38'40.61"E	A607 T/R Limite TMA N'DJAMENA IAF GAO	DEDOS	02°04'33.39"S 008°26'52.85"E	SARH IAF
BONBA	16°24'26.99"N 000°07'24.32"E	NIAMEY vers NOUAKCHOTT	DEDOT	09°03'03.42"N 018°12'11.77"E	NOUAKCHOTT IAF
BONKU	14°13'58"N 000°20'30"W	UT475 - UQ584	DEGAM	18°15'45.20"N 015°50'17.30"W	G851 T/R Limite TMA ABIDJAN
BONRI	06°16'10"N 013°59'47"E	G851 T/R Limite TMA BOUAKE	DEGAS	06°29'28"N 004°29'08"W	
BONTO	09°11'33"N 005°55'29"W	DAKAR IAF	DEGIL	00°28'23.10"N 009°13'08.70"E	UQ594 - UA603 - UG854
BONVI	14°54'17.70"N 017°31'30.20"W	UT325 - UW605 UTA NDJAMENA TCHAD	DEKAR	16°47'11.98"N 002°50'20.80"W	BAMAKO IAF
BORGU	14°23'34.71"N 017°42'48.46"W	UL683 - UR981	DEKAT	12°48'50.28"N 000°00'28.62"W	UQ596 - UG851
BORKI	10°42'37.59"N 017°07'48.45"E	MAHAJANGA IAF IAWP	DEKER	12°39'57.10"N 007°44'40.10"W	UG727/UM727 - UM731 - G858/UG858
BORNI	09°28'24"N 002°51'21"E		DEKET	18°33'21"N 010°31'38"W	LOME VOR RWY 22 IAF
BOROM	15°48'10.46"S 046°30'28.05"E		DEKIL	22°00'00"N 012°28'06"E	UN866
BORSA	08°55'04.37"N 013°23'13.38"E	UW32 SAL OCEANIQUE / DAKAR	DEKOM	06°12'47.24"N 001°27'04.10"E	UN857
BORTA	13°55'14"N 020°43'45"W	BOUAKE IAF	DEKON	05°13'00"N 031°37'54"W	UG616 - UR778 - UM998
BOSKA	07°57'46.91"N 005°03'55.59"W		DELAM	14°40'30"N 029°05'36"E	UM725 - UR866
			DELAX	08°20'12"N 026°03'06"W	MAHPNOUAKCHOTTOUMTOUNSY
BOSTA	12°08'20.73"N 001°32'00.28"W	OUAGADOUGOU IAF	DELIS	15°16'25"N 012°08'34"E	UM372 - UA601 - UR722 Dakar FIR - Senegal
BOTLO	19°20'59"N 016°25'40"W	A600 C/R Limite TMA NOUAKCHOTT	DELIX	23°34'02"N 006°55'24"W	UQ584 - UG856 UIR BRAZZAVILLE CONGO
BOTNO	13°30'00"N 023°14'30"W	UN857	DELOV	18°08'09.11"N 016°19'14.55"W	UQ592 - UG727 N'djamena FIR (NIGER)
BOTSI	07°04'51.80"N 007°40'30.40"W	MAN IAF/IF	DELUN	13°32'32.54"N 012°43'04.11"W	LIBREVILLE IAF
BOVDA	12°27'05.52"N 003°37'49.31"E	UT365 - UQ592	DEMAP	02°31'37"N 007°25'11"E	UM725 - UR865
BOVGA	01°15'58"N 008°05'00"E	B600/UB600 IAF FOOL SID-RNAV16	DEMEG	17°19'53.34"N 012°56'04.64"E	AGADEC IAF
BOVLI	09°20'22.36"N 005°20'41.90"W	KORHOGO IAF	DEMEK	00°14'43.40"N 009°23'51.80"E	UQ592 - UR778
BRENA	26°07'00"N 006°37'00"W	UA854	DEMIL	16°27'06"N 015°29'07"W	UG625
BUDNO	08°55'28"N 000°30'43"E	UM566	DEMIM	16°53'10.70"N 007°49'31"E	UT142
BUDOS	17°56'08.50"N 016°04'50"W	NOUAKCHOTT IAF	DEMOX	18°31'49"N 016°00'00"E	
BUGAM	18°18'10.70"N 013°15'37.70"W	UM725 - UB728	DENAD	00°52'07.54"S 006°13'49"E	
BULGU	16°00'00"N 008°48'20.20"E	R986 Niamey FIR - Niger	DENAT	11°52'58.40"N 017°34'32.67"E	
BULIS	27°40'00"N 009°08'31"W	UM122 - UM372 - UR722 - UR866 - UR977 - UR981			
BULSA	12°39'00.91"N 000°32'18.51"W	UQ594 - G854/UG854 T/R Limite TMA OUAGADOUGOU/TMA NIAMEY			

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
DENER	02°05'14.90"N 009°53'13.10"E	BATA IAF	DISDO	03°54'39.20"N 009°54'25"E	DOUALA IAF
DENET	16°48'22.94"N 007°51'51.71"E	IAF AGADEZ RNP RWY 07R	DISPI	15°14'52"N 005°05'26"E	UY333 - UQ594
DENIT	09°33'44.60"N 001°00'12.70"E	NIAMTOUGOU IAF	DITKA	00°12'15.40"N 009°44'34.30"E	
DENLI	10°00'00"S 050°28'12"E	UN304	DOBAR	18°32'27"S 046°30'07"E	UA400
DENOT	09°25'05.96"N 007°43'16.36"W	ODIENNE IAF/IF	DOBUT	19°20'09.20"S 053°25'10.90"E	UB790
DEPAL	14°22'35.50"N 017°04'12.10"W	BLAISE DIAGNE DIASS-THIES IAF/IF	DOGON	13°35'41"N 004°21'57"E	G854/UG854 T/R Limite FIR NIAMEY/FIR KANO
DEPAM	13°54'00.01"N 002°10'52.94"E		DOPER	04°32'19.51"N 006°38'46.27"W	SAN PEDRO IAF
DEPOG	01°01'19.42"S 007°42'15.92"E	UA400 - UQ558 Brazzaville FIR - GABON	DUGLO	15°26'59.24"S 046°13'53.50"E	
DEPOS	13°28'48.47"N 014°59'26.21"E	A403 T/R Limite TMA N'DJAMENA partie 1	DUNKO	17°16'32.24"S 049°56'32.63"E	IAF FMMS-IAC-RNP01
DEPUB	09°28'24"N 002°18'29"E	UA608 - UL683	DUPTO	22°35'23"S 048°00'00"E	UG653 FIR ANTANANARIVO - MADAGASCAR
DERAB	11°44'29.03"N 015°47'45.52"W	BISSAU IAF	DURBO	12°08'18.86"S 049°09'15.71"E	IF FMNA-IAC-RNP13
DERES	03°58'25.27"N 008°47'31.09"E	MALABO IAF	DUVRI	23°09'58.18"S 043°42'43.10"E	IAF FMST-IAC-RNP22
DESAM	03°28'33"N 012°41'47"E	UL434	EBAKO	01°48'09.66"N 017°49'12.55"E	UT419 - UM731
DESAX	14°56'15.47"N 017°25'06.59"W	IAF DAKAR	EBAMA	15°01'14.72"N 017°09'24.30"W	
DESIR	20°00'00"N 008°47'23"E	UB731	EBATI	24°15'29"N 008°50'46"W	UM122 - UA854 - UR977
DETAR	12°52'59.70"N 008°48'27.42"E	UG858	EBELU	15°09'39.66"N 017°26'45.63"W	
DETA	12°17'10.73"N 015°11'39.23"E	N'DJAMENA IAWP	EBETI	02°48'16.48"S 008°57'46.15"E	UA400 - UT419
DETEK	14°23'13.17"N 017°15'17.61"W		EBIMU	10°02'42"N 013°16'48"E	UG727
DETLA	07°55'44.13"N 004°59'19.46"W	BOUAKE IAF/IF	EBRAS	00°04'14.80"N 009°34'10.30"E	
DETNU	01°42'16.54"S 012°06'17.59"E	UQ581 - UG856 UTA BRAZZAVILLE-CONGO	EBRAX	14°30'47.84"N 017°07'14.33"W	LEOPOLD SEDAR SENGHOR IAF
DEVGU	14°39'04.10"N 014°56'54.45"E	A403 Ndjamen	EBRAX	19°26'02.24"N 014°46'15.68"E	UA403 - UQ594
DEVLI	04°00'00"N 007°30'00"W	UM237 - UQ592	EBRID	04°23'21.60"N 007°24'54.36"W	UP102
DEVRA	07°20'30"N 007°24'55"W	MAN IAF	EBROT	03°51'18.44"N 009°06'48.68"E	
DIBGO	05°29'24"S 011°51'15"E	R526	EBSAK	03°44'42.94"N 011°08'11.64"E	
DIGDA	06°41'44.40"N 005°26'20.37"W	YAMOUSOUKRO IAF	EBSEN	04°38'42.98"S 010°16'02.67"E	UA400 - UQ560
DIGRU	09°27'05.50"N 013°32'56.50"E	IAF GAROUA	EBSIR	18°00'14.80"N 015°31'23.30"W	
DIKBA	09°47'18"N 017°37'28.98"W		EBSIX	03°25'53.07"S 014°14'55.17"E	G856 Brazzaville FIR (Congo)
DIKNO	14°47'09.39"N 005°06'30.22"E	IAF/IF TAHOUA	EBSUD	11°30'07"N 005°14'54"W	A601/UA601 T/R Limite TMA BOBO DIOULASSO
DIKSU	13°14'29.60"N 003°33'05.92"E	G660 Niamey FIR - NIGER	EBTAM	20°19'55.66"N 001°12'05.91"E	IAF/IF TESSALIT
DIKTA	18°29'54.20"N 015°49'55.40"W		EBTIR	03°42'11"N 017°19'01"E	Brazzaville FIR (Central African Republic)
DILBA	16°09'57.36"N 000°10'09.64"W	IAF GAO	EBULI	02°00'38"N 006°35'00"E	B600/UB600 T/R Limite FIR ACCRA/UIR BRAZZAVILLE
DILBI	17°59'32.40"N 016°08'43"W		EBVAP	15°32'46.14"N 000°10'23.80"E	UM629
DILMA	03°32'41.21"N 011°31'19.99"E	YAOUNDE IAF/IF	ECHED	27°40'00"N 010°37'00"W	UR975
DILSO	09°33'45.52"N 000°55'33.66"E	IAF NIAMTOUGOU	EDAGO	19°30'00"N 007°49'03"E	UR978
DIMKA	09°30'15.85"N 005°22'28.19"W	KORHOGO IAF	EDAMA	22°11'13"S 040°37'38"E	UB536 - UG652
DIMTO	05°42'53.42"N 010°14'22.66"E	IAF BAFOUSSAM (FKKU) RNAV RWY 15	EDARA	15°59'39"N 012°58'40"E	UT237 - UG727 - UR778
DINTA	17°34'18"N 014°50'28"E	UA403 - UR778	EDDER	09°56'51.60"N 001°10'06.80"E	NIAMTOUGOU IAF
DIPKO	06°56'23.10"N 015°31'53.87"E	UA403 - UQ584	EDEBA	03°55'58"N 010°09'32"E	R984-2/UR984
DIPLA	00°00'00"N 006°00'00"W		EDGAS	12°28'27.40"N 001°06'15.30"W	
DIPLO	04°08'04.90"S 015°23'32.60"E	BRAZZAVILLE IAWP	EDGIB	12°27'33"N 004°31'36"W	G860/UG860 T/R Limite TMA BOBO DIOULASSO
DIPRI	05°27'10.90"N 003°50'48.36"W	ABIDJAN IAF	EDGUM	08°00'00"N 016°10'08"E	UM731 NDJAMENA / BRAZZAVILLE
DIPTO	16°35'11.12"N 003°08'42.14"W	IAF TOMBOUCTOU	EDKAP	13°22'51.20"N 000°50'32.13"E	A600 Niamey FIR (Burkina Faso)
DIPVA	04°18'50.38"S 015°02'17.09"E	IAF BRAZZAVILLE	EDKUS	16°58'13.83"N 007°46'40.55"E	IAF AGADEZ RNP RWY 07L
DIRBA	17°55'48"S 047°00'00"E	A401/UA401	EDOTO	01°54'14.59"S 008°36'51.06"E	UQ582
DISDI	12°04'44.50"N 015°35'25.50"W	BISSAU IAF/IF			

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
EGABU	17°11'55"N 014°35'47"W	UA600 - UM725
EGADU	04°51'38"N 003°00'00"W	A400/UA400 T/R limite UIR DAKAR/FIR ACCRA
EGLIP	19°46'45"S 053°07'18"E	UA400
EGMAD	21°56'00"S 040°00'00"E	UG652
EKDOM	12°34'48.17"N 003°27'15.78"E	UM114 - UT365
EMROD	06°23'28.32"N 001°18'19.58"E	LOME ILS Y or LOC Y - RWY 22 IAF
EMSAB	14°44'10"N 010°59'53"W	UA600 - UM974 Niamey FIR (Mali)
EMSAT	01°20'58"N 017°56'24"E	UM731 BRAZZAVILLE / KINSHASA
EMSUL	17°18'13"N 014°31'16"E	UR778 - UG862
EMTAL	04°45'06"S 003°00'00"W	
EMTES	02°36'15"N 009°46'57"E	G857 Limite TMA DOUALA / CTR MALABO
EMTIP	00°29'18"N 012°41'35"E	UR986
ENASA	04°00'00"N 006°26'27"W	
ENBOT	12°30'00"N 015°22'55.49"W	UR620 Dakar FIR (GUINEA BISSAU)
ENBUT	13°17'00"N 012°42'58"E	UM998
ENDEL	14°32'32"S 042°49'32"E	UM307
ENDEM	13°45'48"N 010°10'18"W	A600 Bamako TMA Boundary. Niamey FIR
ENDOK	21°07'30"N 011°30'00"E	B730/UB730
ENERI	10°16'03.09"N 015°53'41.87"E	UQ589 - UW605 - UA607
ENIBU	13°11'51.75"N 009°07'22.97"W	A600 Bamako TMA Boundary in Niamey FIR
ENIKU	03°57'43.95"S 011°13'26.31"E	R526/UR526 - UQ580 - B732 Brazzaville FIR (Congo)
ENINO	13°04'43"N 010°25'52"W	A601/UA601 T/R Limite TMA BAMAKO
ENOLI	14°11'31"N 012°27'24"E	UG622 - UM998
ENOLU	13°10'25"N 006°43'29"W	A612 T/R Limite TMA BAMAKO partie 1
ENOXO	11°00'00"N 000°01'18.12"W	UA603
EPELA	14°49'19"N 002°14'17"E	B726
EPETI	16°29'27"N 013°56'08"W	A600 T/R Limite TMA NOUAKCHOTT partie 2
EPETO	09°00'20.04"N 013°05'01.76"E	
EPONA	05°55'17"N 014°50'15"E	UT475
EPUBU	00°30'08.90"S 008°50'23.30"E	Entry/Exit point in Port Gentil CTR (GABON)
EPUTA	09°49'54"N 014°41'43"E	
ERALU	09°21'09"N 013°51'19"E	UB736 - UM998
ERAPI	12°24'08.20"N 001°20'03.70"W	OUAGADOUGOU IAF
ERDIT	18°30'00"N 002°19'37.74"E	B726 Niamey FIR (Mali)
ERDIV	10°45'49.30"N 004°25'58.40"W	
EREBO	20°07'00"N 006°36'00"E	UY212 - A604/UA604 T/R Limite FIR ALGER / FIR NIAMEY
EREGO	00°00'00"N 005°26'25"E	UQ583
EREKA	05°59'12"N 000°47'03"E	L433/UL433
EREMO	16°15'00"N 008°12'26"W	UM122 - UR977
ERENA	19°58'20"N 016°40'04"W	A600 T/R Limite TMA NOUADHIBOU
ERENI	17°01'35.24"N 008°12'09.89"E	IAF AGADEZ RNP RWY 25L

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
ERESA	11°38'21.22"N 019°46'44.51"E	UT142 - UM214 - UW605 - UG862
ERETU	03°07'42"N 028°48'00"W	UN857
ERGIL	15°27'05.44"N 000°37'07.24"E	UT365 - R981/UR981 Niamey FIR
ERIDI	13°11'36"N 015°07'49"W	UR620 - UR979
ERKAS	05°16'34.40"N 010°24'12.12"E	IAF BAFUSSAM (FKKU) RNAV RWY 33
ERKEL	20°58'00"N 007°42'00"E	UT258 - R978/UR978
ERKUT	02°54'41"N 011°00'53"E	H455 T/C Limite TMA YAOUNDE/DOUALA
ERLOM	09°27'46.70"N 001°54'45.68"E	UM629
ERMAS	17°02'20.42"N 008°11'23.27"E	IAF AGADEZ RNP RWY 25R
ERMIT	08°22'00"N 008°17'00"W	UQ594 - UR979
ERNEG	16°15'00"N 003°29'46"E	UM114 Limite UTA NIAMEY NIGER
EROPA	22°29'48"S 040°00'00"E	UB536/UT536
ERPOT	06°40'21"N 017°30'32"E	A607/UA607 Limite TMA BANGUI - FIR BRAZZAVILLE - CENTRAFRIQUE
ERPUL	01°33'28"N 012°19'05"E	UG625 - UR986
ERTOM	13°25'51.08"N 018°09'20.39"E	UG862 - UM863
ERTOS	12°30'05.30"N 001°24'46.40"W	OUAGADOUGOU IAWP
ERTOX	02°40'48"N 018°35'36"W	
ETGUN	27°00'00"S 040°00'00"E	UA402
ETNOM	02°29'15"N 010°43'59"E	H455/UH455 - A604/UA604
ETRIS	09°22'00"N 012°55'00"E	B736/UB736
ETROT	13°21'05.19"N 001°45'50.65"E	
ETRUL	15°50'33"N 000°58'52"W	A612 T/R Limite TMA GAO
ETSAM	12°49'58"N 018°42'04"E	G660/UG660 - UG862
ETSOT	00°35'33.52"S 009°53'46.36"E	UQ582 - UR987 UTA LIBREVILLE GABON
ETUDO	12°13'19.40"S 049°05'51.69"E	IF FMNA-IAC-RNP13
EVERO	23°33'41.17"S 043°38'40.41"E	IAF FMST-IAC-RNP04
EVIBO	00°34'52.05"N 017°05'21.29"E	UT143 - UA410
GADNO	17°13'00"S 041°42'00"E	UA400
GADPI	23°31'17.61"S 043°32'40.91"E	IAF FMST-IAC-RNP04
GADUT	09°16'07.94"N 005°44'37.74"W	KORHOGO IAF
GADUV	07°09'30"N 011°49'42"E	UQ200 - UT475 Boundary point between KANO and BRAZZAVILLE FIR
GADUX	04°08'02"S 015°21'52"E	BRAZZAVILLE IF
GAGAL	09°14'20.43"N 013°09'53.74"E	GAROUA IAF
GAGAS	02°05'33.19"S 013°45'06.10"E	UQ580 - UA604
GAGES	08°57'11.94"N 018°20'24.38"E	SARH IAF
GAGIK	07°06'25.47"N 005°17'46.81"W	YAMOUSSOUKRO IAF
GAKAS	06°26'08"N 027°03'44"W	UL435 - UN857 UIR DAKAR OCEANIQUE SENEGAL
GAKDO	18°22'15.50"N 015°37'13.60"W	
GAKEN	10°56'46.66"N 016°47'17.96"E	UT325 - UQ589 Ndjamena FIR (Chad)
GAKES	09°35'43.69"N 007°20'53.51"W	ODIENNE IAF
GAKON	00°08'51.70"N 009°08'00.80"E	
GAKSA	10°21'27"N 018°14'34.98"W	
GALBA	13°22'03"S 044°29'43"E	UM307 - A401/UA401

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
GALET	14°32'15"N 001°21'38"E	R981 T/R Limite TMA NIAMEY	GAVKI	05°39'19.95"N 006°23'51.19"W	B600/UB600 Abidjan UTA. Dakar FIR
GALIS	05°06'48.85"N 004°04'37.61"W	IAF ABIDJAN	GEBLU	11°46'15"N 002°53'01"W	UM104 - UA614 - UG854
GALIV	14°00'51"N 000°25'36"W	UM974 FIR NIAMEY - BURKINA FASO	GEBRO	03°02'41.21"N 008°16'10.31"E	UQ584 - B737 T/R limite TMA DOUALA
GALMU	11°42'52.62"N 015°42'55.78"W	BISSAU IAF/IF	GENEI	13°29'00"N 022°27'49"E	G660/UG660 T/R Limite FIR N'DJAMENA / FIR KHARTOUM
GALNI	01°57'52"S 016°07'40"E	A410/UA410 Limite TMA POOL BRAZZAVILLE Congo	GERAG	21°30'56.90"S 052°55'12.90"E	UG653
GALOL	14°19'02.55"N 004°10'13.40"W	IAF MOPTI	GETIR	22°23'44.90"S 053°22'02.70"E	UA402
GALOR	18°31'23.20"N 015°51'47.50"W	IAF NOUAKCHOTT OUMTOUNSY	GEVER	17°17'52.98"S 049°44'04.85"E	IAF FMMS-IAC-RNP01
GALVA	18°19'08.60"S 049°24'59.33"E	TOAMASINA IAWP	GITEP	18°56'27.97"N 007°08'21.57"E	UT258 - UA604
GALVO	13°39'32.35"N 008°49'21.51"E	IAF ZINDER (DRZR)RNP RWY 0 5	GODAL	00°32'55.71"N 014°33'18.02"E	UT143 - UG727
GAMIT	04°01'07.79"N 011°36'18.95"E	YAOUNDE IAF/IF	GODAT	19°59'49"S 052°00'00"E	A401
GAMON	18°04'41.30"N 015°49'41.10"W	IAF NOUAKCHOTT OUMTOUNSY	GOPUR	04°48'24"N 020°15'30"E	UT139
GAMUD	13°12'53"N 001°11'09"W	A600/UA600 - G859/UG859 Ouagadougou TMA. in Niamey FIR	GOVEL	05°39'49.30"N 023°46'18.66"E	UT139 - UM215 - UT325 - UG655
GAMUS	14°39'53"N 017°01'05"E	UG617 - UG622 - UG862	GUGUS	04°07'18.72"S 015°24'16.92"E	IAF/IF BRAZZAVILLE
GANDA	09°28'46.26"N 003°10'00.60"E	UL683	GULAV	11°10'00"N 014°54'00"W	B600/UB600
GANIT	16°46'30.88"N 011°41'58.70"E	UQ592 - UM998 N'djamena FIR (NIGER)	GULEN	13°08'11.60"N 004°07'21.10"E	G660/UG660 T/R Limite UIR KANO / UIR NIAMEY
GANOT	05°08'11"N 004°19'45.60"W		GULEP	00°57'44"N 008°05'00"E	UQ583 - UR979
GANSI	18°25'33.30"N 016°09'45.30"W	IAF NOUAKCHOTT OUMTOUNSY	GULIM	13°36'09"N 001°02'20"W	G859 T/R Limite TMA OUAGADOUGOU
GAPAG	11°00'00"N 000°19'30"E	UG855	GUMAT	13°52'02.95"N 002°20'09.96"E	
GAPAK	00°56'26"N 005°30'32"E	A400 - UQ584 T/R limite FIR ACCRA/TMA SAO-TOME	GUNAK	06°22'02.79"N 001°17'30.75"E	LOME VOR RWY 22 IAF
GAPES	06°14'32.64"N 002°13'54.82"E	IAF COTONOU(DBBB) RNP RWY06	GUNEB	09°29'35"N 019°00'00"E	UB736
GAPIN	09°33'45.75"N 001°00'13.19"E	IAF NIAMTOUGOU	GUNIV	02°00'13.41"S 010°32'54.38"E	UT419 - UR987 Brazzaville FIR - Gabon
GAPOT	11°20'36.20"N 004°13'35.90"W	BOBO-DIOULASSO IAF	GUNOS	04°44'18"N 008°55'50"E	UR854
GARAN	13°47'02"N 008°27'09"W	G851 T/R Limite TMA BAMAKO	GUNOT	16°00'00"N 013°19'49"W	A600
GARBI	03°52'34.40"N 011°41'20.40"E	YAOUNDE Ns. IAF	GUPAM	02°03'50"N 011°00'39"E	A604 T/R Limite TMA DOUALA / CIV BRAZZAVILLE
GARID	13°02'00"N 008°34'12"E	R986 Limite FIR NIAMEY / FIR KANO	GUPEL	21°20'00"N 015°00'18"W	UB601
GARIN	22°00'00"N 017°06'36"E	UP126 - UM214 - G655/UG655	GUPOV	12°23'52"N 002°46'53"W	UM104 - UA614 - UG860
GARLA	03°00'00"S 006°35'00"E	UQ559	GUPUM	12°37'14"N 017°32'46"E	G660/UG660 Limite TMA NDJAMENA Tchad
GARNU	12°09'59"N 001°28'22.30"W	OUAGADOUGOU IAF	GURAN	07°30'45.24"N 005°04'58.78"W	BOUAKE IAF
GAROS	03°53'13.20"N 009°57'15.30"E	DOUALA IAWP	GUREL	10°04'55"N 006°27'06"W	G851/UG851 T/R Limite TMA BAMAKO/FIS ABIDJAN
GASIM	17°07'00.22"N 008°09'26.94"E	IAF AGADEZ RNP RWY 25R	GUROS	04°55'46.56"N 006°35'42.72"W	SAN PEDRO IAF
GASON	16°15'00"N 003°09'05"E	UG855	GUTAR	14°54'57.49"N 017°35'21.08"W	IAF DAKAR
GASOT	18°03'25.88"N 015°48'54.77"W	IAF NOUAKCHOTT OUMTOUNSY	IBMAT	28°19'06"S 057°00'00"E	UG652
GASPI	11°29'03.88"N 017°30'06.98"E	UQ589	IBOSO	05°04'46.84"N 021°22'05.22"E	UT139 - UM214
GASPU	18°09'32.93"N 014°49'08.98"E	UA403 - UQ592	IDINI	17°38'35"N 015°15'57"W	UA600 - UR975
GATAG	09°11'00"N 012°45'36"E	UQ589 - UA861	IDORO	08°01'57.65"N 002°59'33.15"W	UQ592 - UP685 - UG859
GATAM	12°25'37.30"N 008°06'53.10"W	BAMAKO IAF	IKREL	15°07'33.21"N 017°18'13.65"W	
GATAM	00°48'57"S 007°33'32"E	UQ360 - UA400	IKREV	11°50'23.66"N 017°58'33.89"E	UT142 - UQ589
GATAP	16°15'32.37"N 000°12'12"E	IAF GAO	IKREX	03°22'12.11"N 011°19'10.79"E	
GATAX	12°04'00"N 009°50'00"W	UY509 Boundary point Roberts and Dakar FIR	IKRIS	14°58'02.46"N 005°25'37.54"E	IAF/IF TAHOUA
GATKA	06°03'18"N 001°47'00"E	LOME STAR RNAV04 WPT	IKRIT	13°22'36.85"N 000°47'28.02"E	UA600 - UM629
GATLA	16°37'25"S 048°49'03"E	UL441	IKROP	05°46'44"N 008°52'27.50"E	UJ333 - L433/UL433 T/R Limite FIR KANO/FIR BRAZZAVILLE
GATRO	14°22'32.82"N 017°09'21.17"W	BLAISE DIAGNE DIASS-THIES IAF	IKRUT	00°14'18.50"N 009°03'30.30"E	
GATRO	00°18'53.60"N 009°25'51.10"E	LIBREVILLE ARR	IKSUB	02°00'18"N 019°12'00"E	J200/UJ200 - UL434
GAVBO	07°04'05.80"N 007°29'55.40"W	MAN IAF			

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
IKTAV	22°38'00"N 010°30'00"E	B730/UB730 T/R Limite FIR ALGER/FIR NIAMEY
IKTOS	05°25'26.40"N 004°18'38.20"W	
IKTUL	02°43'36"S 012°13'42"W	
IKTUS	02°05'23"S 013°13'50"E	R988 T/R Limite TMA FRANCEVILLE
ILBAS	04°52'12"N 008°37'12"E	UQ300 - UR854 Boundary point between KANO and BRAZZAVILLE FIR
ILBIB	12°32'42"N 022°27'00"E	UW605
ILBIP	15°03'50.15"N 008°12'21.33"E	UQ592 - UA604 UTA NIAMEY - FIR NIAMEY - NIGER
ILDAD	17°12'52"N 000°12'57"E	G859 T/R Limite TMA GAO
ILDAN	00°35'30.47"S 007°52'36.39"E	UQ360
ILDES	16°05'25"N 009°26'30"W	UY509 - UG615 - UG851 Mauritania UTA. Dakar FIR
ILDOR	20°09'37.12"N 018°01'19.07"E	UM214 - UQ592 - UQ594 - UG655 - UR778
ILGAS	18°40'00"N 020°00'00"W	
ILKAD	14°58'58"N 020°44'13"E	UM215 - UG622 UIR NDJAMENA TCHAD
INALO	04°47'05.84"S 014°25'24.78"E	UB535
INAMA	19°08'00"N 004°10'00"E	UG855
INEBA	03°03'37"S 015°42'48"E	A410 Limite TMA POOL BRAZZAVILLE
INEBI	15°17'52"N 000°23'27"W	G859 Limite TMA GAO MALI
INEDI	18°33'47.80"N 016°07'29.90"W	IAF NOUAKCHOTT OUMTOUNSY
INEGO	12°02'00.30"N 001°14'17.10"W	
INEKU	07°36'46.39"N 017°05'23.17"E	UQ584 - UA607
INEPA	16°15'00"N 002°02'19"E	UM608
INESA	13°29'44.77"N 002°24'40.44"E	NIAMEY IAF
INEVA	06°09'01.24"N 013°43'29.12"E	UQ584 - UG727
INIGO	08°00'00"N 012°17'10"E	UG857
ININA	07°13'31"N 013°33'49"E	UQ200 - UG727
INISA	17°26'38"N 011°30'00"E	UT237 - UM998
INONU	02°17'13"N 014°17'54"E	UQ582 - UG625 - UG727 FIR BRAZZAVILLE - CAMEROUN
INOSA	01°43'06"N 006°00'18"E	
INPOS	10°22'41"N 005°31'50"W	UP685
INUDO	13°19'55"N 018°25'40"W	UA302 - UA602 UTA DAKAR - FIR DAKAR - SENEGAL
IPALA	11°19'34.10"N 003°55'43.40"W	
IPAMU	02°41'55"S 013°20'15"E	G856 T/R Limite TMA POOL
IPANI	06°33'08"N 021°00'00"E	UM214 - UA410 - UQ583
IPANO	16°41'04"N 011°30'00"E	UQ592 Limite FIR NIAMEY et FIR NDJAMENA - NIGER
IPEKA	00°40'42"N 007°20'00"W	
IPEXA	03°17'10.68"N 013°33'21.41"E	UL434 - UQ583 UIR BRAZZAVILLE CONGO
IPIGU	02°36'00"S 010°10'44"E	B732 FIR BRAZZAVILLE - GABON
IPIRO	07°17'11"N 022°44'52"E	
IPISU	07°11'40.40"N 021°44'12.74"E	UQ200 - UT325 - UA410 FIR BRAZZAVILLE - CENTRAFRIQUE
IPOBA	22°28'36"N 001°02'54"W	UM104 - UQ596 - UA614

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
IPONA	20°00'00"N 008°29'53"W	UM122 - UR977
IPONO	15°06'21"N 022°24'36"E	UQ589 - UG622 - UM863
IPOPO	16°53'02.68"N 007°49'55.82"E	IAF AGADEZ RNP RWY 07R
IPORI	09°30'20"N 000°17'52"E	UL683
IPORO	08°56'08.71"N 013°12'57.24"E	
IPOTA	01°12'27"N 007°24'34"E	UR979
IPOVO	02°39'43.65"N 008°37'34.31"E	UB737
IPUGA	13°26'52"N 012°14'33"W	UA601 Limite UTA Dakar et UTA Bamako
IPUTA	13°32'59"N 003°26'49"E	UM114 - UG854
IRADI	13°46'35.82"N 002°28'26.83"E	
IRAGA	09°32'37.34"N 022°20'18.83"E	UM215 - UG655 - UB736
IRAKU	06°51'36"N 027°37'18"W	UL435 - UB623 UIR DAKAR OCEANIQUE - SENEGAL
IRALO	12°41'00"N 013°39'06"W	UB728
IRELA	14°00'00"N 037°26'00"W	UL435
IRPEG	06°38'39.16"N 004°33'25.92"W	UQ592 - UG851 Abidjan UTA. Dakar FIR
IRTOB	12°12'00"N 001°48'58"E	B726 Limite TMA Niamey - Niger
ISDET	10°01'49.34"N 015°14'25.42"E	UA403 - UQ589 - UW605
IVBAT	14°52'33"N 005°13'22"W	UG615 - UB727 Dakar FIR
IVMED	01°42'34.46"S 011°07'46.51"E	UT419 - UG861 Dakar FIR (SENEGAL)
IXAGU	19°54'41"S 045°08'46"E	UB536
IXAMO	16°50'47"S 052°20'57"E	UR348 - UG661
IXARI	18°22'46"S 048°41'49"E	UR348
IXAVA	17°52'58"S 049°57'50"E	UR348
IXEBU	12°07'16"S 051°24'36"E	UN304 - UL441
IXENI	19°17'13"S 050°06'30"E	UA400
IXESA	14°52'03"S 045°42'07"E	A401 T/R Limite TMA MAHAJANGA
KABRI	06°30'00"N 011°20'59"E	G857 T/R Limite TMA DOUALA
KAFIA	08°44'00"N 023°31'00"E	UA410
KARTA	12°00'22.60"S 043°10'14.20"E	MORONI IAF
KEDOM	26°03'43.92"S 043°30'00"E	UA402 FIR ANTANANARIVO - MADAGASCAR
KEKAS	17°53'21"N 016°00'27.50"W	
KEKAV	09°47'42"N 022°14'41"E	UM215 - UQ584 - UG655
KEKOL	06°02'03"N 020°24'29"E	UA410 Limite TMA BANGUI - CENTRAFRIQUE
KEKOP	02°07'59.31"N 009°49'39.60"E	
KELAK	12°05'18"N 014°37'58"E	G660/UG660 Limite FIR KANO et NDJAMENA
KELEX	07°51'47.45"N 002°21'25.67"E	UM566 - UA608 - UM629 - R984-1/UR984
KELOV	03°32'49.20"N 011°30'43.10"E	YAOUNDE Ns. IAF
KELUT	13°23'32.52"N 002°24'58.56"E	NIAMEY IAF
KEMAS	09°02'47.40"N 013°39'01.58"E	IAF GAROUA STAR RNAV RWY 09
KEMOX	05°25'53"N 012°05'45"E	L433/UL433 - H455/UH455 - UQ584 FIR BRAZZAVILLE
KENEX	00°48'52.43"S 012°53'41.84"E	UT419 - UQ581 - UA604 FIR BRAZZAVILLE

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
KENIX	00°30'33"N 011°33'20.86"E	UT143 - UQ582 Brazzaville FIR (Gabon)
KENOX	14°46'48"N 028°29'36"W	UN741 FIR DAKAR OCEANIQUE - SENEGAL
KENUK	00°34'18.33"N 016°20'44.28"E	UT143 - UM998
KENUT	07°32'47.96"N 005°09'34.66"W	BOUAKE IAF/IF
KEPEG	13°47'43"N 009°40'00"W	UY509 - UA600
KEPEL	14°42'49.36"N 005°09'06.58"E	IAF TAHOUA
KEPIL	11°02'37.20"N 004°29'08.80"W	BOBO-DIOULASSO IAWP
KEPOD	22°03'22.01"N 002°06'58.67"W	UQ596 - UM629 FIR NIAMEY
KERAS	06°45'10.32"N 005°15'16.39"W	YAMOUSOUKRO IAF
KEROT	12°33'24.29"N 001°29'53.72"W	OUAGADOUGOU IAF
KESEN	04°01'28"S 015°21'09.50"E	BRAZZAVILLE IAWP
KETAR	03°38'49.50"N 008°30'24.10"E	MALABO IAWP
KETAS	18°05'29.70"N 015°56'53.80"W	A600/UA600 - UB601 - UG615 - UR865 - R975
KETAT	06°04'03"N 001°00'00"E	
KETEV	08°46'24"N 000°30'00"E	
KIBLO	05°02'03"N 016°57'47"E	UT475 - UM731
KIDVA	05°19'50.91"N 010°29'15.12"E	IAF BAFOUSSAM (FKKU) RNAV RWY 33
KIKSA	02°14'04.39"S 013°51'04.46"E	A604/UA604 Brazzaville FIR (Gabon)
KILDO	20°45'16.71"N 019°58'07.80"E	UM215 - UQ594
KILGU	14°56'50"N 020°17'00"E	UG622 - UG655 FIR NDJAMENA
KILMO	09°27'42.12"N 000°59'30.12"E	UL683 - B726/UB726 - R984-1/UR984
KIMBO	16°00'00"N 010°01'00"E	UQ592 - UG858
KIMGA	15°18'03.96"N 011°48'30.96"W	UA600 Limite UTA BAMAko, UTA NOUAKCHOTT, UTA DAKAR
KIMRI	11°42'18.34"N 002°30'20.53"E	UQ592 - UR981 Niamey FIR (Niger)
KINAN	10°44'34.41"S 042°26'08.33"E	A401/UA401 - UB790 Limite FIR DAR ES SALAM et FIR ANTANANARIVO
KIPSA	06°13'06"N 002°45'00"E	UA601 Limite FIR ACCRA et FIR KANO
KIRBO	12°23'59.84"N 016°22'28.55"E	G660 Limite TMA NDJAMENA - TCHAD
KIRSO	16°52'27.62"N 002°52'11.73"W	IAF TOMBOUCTOU
KIRVU	00°00'00"N 007°00'00"W	
KISAL	10°18'11.05"N 023°25'26.26"E	UQ584
KISBA	19°30'00"N 016°29'07"W	UA600 FIR DAKAR - SENEGAL
KISDU	03°42'11"N 017°19'01"E	UG625 - UM731 FIR Brazzaville
KITEK	07°55'18.67"N 025°06'54.83"E	UQ583 FIR KHARTOUM - SUD SOUDAN
KITNI	14°45'46.49"N 015°01'00.37"W	UR865 - UM974 Dakar FIR (SENEGAL)
KITOB	15°21'43.64"N 022°58'45.72"E	UM863 Limite FIR KHARTOUM et NDJAMENA
KITRA	09°31'48"N 021°37'48"E	UQ584 - UB736 - UG862 FIR Ndjamena
KIVLO	09°25'58.12"N 013°34'29.22"E	GAROUA IAF
KOBDA	12°03'07.89"N 015°30'35.44"W	BISSAU IAF

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
KOBLA	13°48'00"N 020°42'00"E	UQ589 - UG655
KOBLO	09°39'43.41"N 007°23'57.58"W	ODIENNE IAF/IF
KOBNA	08°22'16"N 002°31'28"W	UQ592 Limite FIR DAKAR et FIR ACCRA
KOBNI	12°33'44"N 018°56'48"E	UQ589 - UG862
KODOS	01°12'12"N 026°13'00"W	LIMITE FIR DAKAR OCEANIQUE
KODOV	07°11'28"N 012°39'21"E	UQ200 - UH455
KODUS	14°31'52.26"N 017°32'14.94"W	IAF DAKAR
KOGAN	04°01'28.20"N 014°02'28.20"E	UG727 - R984-2/UR984
KOGAR	10°57'16.30"N 003°57'22.40"W	TMA BOBO DIOULASSO et UTA OUAGADOUGOU - BURKINA FASO
KOKAM	04°29'26.60"N 009°34'03.80"E	UQ300 - A604/UA604 - R854/UR854 A/UA604 - R/UR854
KOKAS	13°41'28.17"N 002°32'26.55"E	TMA NIAMEY - NIGER
KOKUT	04°57'28.28"N 006°40'25.67"W	SAN PEDRO IAF
KOLAS	00°27'52.50"N 008°59'47.20"E	TMA LIBREVILLE - GABON
KOMAB	12°44'48"N 014°28'02"W	UR865 - UR979
KOMAS	12°00'24.28"N 014°54'03.34"E	N'DJAMENA IAWP
KOMIR	18°29'37.80"N 015°44'47.20"W	IAF NOUAKCHOTT OUMTOUNSY
KONAD	18°00'00"N 010°16'47"W	G851/UG851 FIR DAKAR - MAURITANIE
KONET	05°40'01"N 003°51'24.60"W	
KONOR	09°25'19.11"N 005°21'35.03"W	KORHOGO IAF/IF
KOPED	02°06'01.50"N 009°46'27.20"E	BATA IAF
KOPOS	07°02'45.70"N 007°35'56.30"W	MAN IAF
KOPOX	01°30'29.88"N 006°34'59.88"E	UR979 Limite FIR BRAZZAVILLE et FIR ACCRA
KOREN	09°39'43.42"N 007°23'57.59"W	
KORIL	04°35'51"N 017°12'31"E	L433 TMA BANGUI - CENTRAFRIQUE
KOROB	00°00'00"N 005°00'00"W	FIR DAKAR
KORUT	13°20'59.60"N 010°37'57.50"E	UG616 - G854/UG854 Limite FIR NIAMEY et FIR KANO
KOSAB	13°31'23.58"N 007°19'19.31"E	IAF/IF MARADI
KOSAP	18°31'38.40"N 015°58'51.50"W	IAF NOUAKCHOTT OUMTOUNSY
KOSOM	14°54'44.67"N 017°04'30.34"W	BLAISE DIAGNE DIASS-THIES IF
KOTAR	03°36'56.94"N 008°35'02.43"E	MALABO IAF/IF
KURAM	11°02'03.91"N 022°56'13.65"E	UT142 FIR KHARTOUM - SOUDAN
LIDUV	18°12'11.10"N 015°45'02"W	
LIGAR	09°28'49.75"N 013°44'22.56"E	
LIGAS	01°26'00.65"S 013°22'40.93"E	
LIGAT	21°02'48.47"N 020°57'32.75"E	UQ594 Limite FIR NDJAMENA et FIR TRIPOLI
LIGIS	13°30'17.77"N 002°35'50.45"E	
LIGOR	09°43'43.12"N 007°27'01.74"W	ODIENNE IAF
LIGOV	15°28'00"N 019°24'15"W	R976 Limite TMA DAKAR - SENEGAL
LIKAD	05°07'24"S 011°42'10"E	UW118/W118 - UY339 - R526/UR526 Limite TMA POINTE NOIRE et FIR LUANDA
LIKAS	07°32'20.70"N 005°08'19.30"W	BOUAKE IAF/IF
LIKAT	16°03'12.82"N 015°22'26.71"W	UQ596 - UR865 UTA DAKAR - FIR DAKAR - SENEGAL



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
LIKEM	11°58'15.30"N 001°20'23.60"W	G860 Dakar FIR (Mali)
LIKIT	12°29'06"N 005°22'31"W	
LIKUL	02°03'29.24"N 009°58'35.44"E	NIAMEY IAF
LILAM	13°29'33.72"N 002°24'41.12"E	
LILAT	00°40'55.80"N 009°23'48"E	LOME ILS Y or LOC Y - RWY 22 IAF
LILEB	06°19'42.76"N 001°23'02.25"E	
LILEP	18°06'34.40"N 016°13'14.04"W	IAF NOUAKCHOTT OUMTOUNSY
LILIK	03°50'08"N 010°49'00"E	R984-2 Brazzaville FIR (Cameroon)
LIMAM	12°30'05.30"N 001°24'46.40"W	OUAGADOUGOU IAF
LIMAX	16°44'55"N 017°20'07"W	B600/UB600 Limite TMA NOUAKCHOTT et TMA DAKAR
LIMEN	03°49'26.05"N 011°16'21.74"E	YAOUNDE IAF
LIMOD	13°35'32.73"N 008°52'28.29"E	IAF ZINDER RNP RWY 05
LINAD	06°26'12"N 017°05'30"E	MAHWP NOUAKCHOTT OUMTOUNSY
LINAR	18°09'29.70"N 016°09'38.70"W	
LINOP	12°03'16.11"N 014°49'43.58"E	N'DJAMENA IAF
LINOS	04°25'32.20"S 015°08'49"E	IAF BRAZZAVILLE
LIPAN	14°53'42.43"N 005°28'14.03"E	IAF TAHOUA
LIPEK	14°22'38.18"N 016°59'03.04"W	BLAISE DIAGNE DIASS-THIES IAF
LIPEN	14°30'37.40"N 011°13'05.20"W	KAYES IAF
LIPET	13°55'59"N 000°00'50"W	UA603 - UM974
LIPIM	12°24'36"N 003°06'02"W	G860 Limite TMA BOBO DIOULASSO et TMA OUAGADOUGOU
LIPIV	14°27'44"N 014°57'19"E	UA403 - UG622
LIPUR	16°39'20.90"N 003°10'37.10"W	MALABO IAF
LIRID	03°44'12.30"N 008°31'21.60"E	
LIRUR	14°42'41.95"N 003°59'04.62"W	IAF MOPTI
LISED	14°22'44.32"N 004°13'42.65"W	IF MOPTI
LISEK	05°23'07.33"N 010°34'18.19"E	IAF BAFOUSSAM (FKKU) RNAV RWY 33
LISIT	03°00'00"S 015°22'12"E	A403 Limite TMA POOL partie 1 - BRAZZAVILLE - CONGO
LITAK	11°00'00"N 003°29'01"E	UM114
LITAM	11°16'36.20"N 004°10'31.20"W	BOBO-DIOULASSO IAWP
LITAT	00°48'50"S 012°53'40"E	A604 T/R Limite TMA FRANCEVILLE
LITAV	09°19'21.21"N 013°09'34.22"E	IAF GAROUA
LITED	05°38'32.60"N 004°05'09.30"W	UM108 - UG615 - UB735
LITIL	15°18'40"N 006°41'53"W	
LITOB	10°44'55.80"N 004°19'15.90"W	A600 T/R Limite TMA NOUADHIBOU
LOLOS	21°51'30"N 016°40'14"W	
LOPIN	23°49'45"S 050°00'00"E	UA402
LOSGO	10°48'29.80"N 015°09'58.58"E	A403 T/R Limite TMA N'DJAMENA partie 1
LOSNA	18°09'29.70"N 016°09'38.70"W	IAF NOUAKCHOTT OUMTOUNSY
LOVNA	02°47'34.58"N 004°17'29.11"W	Abidjan UTA. Dakar FIR
LOVSO	09°26'52.12"N 005°44'05.03"W	KORHOGO IAF
LUBLO	07°06'21.79"N 005°23'38.59"W	YAMOOUSSOUKRO IAF
LUBRI	00°40'10.30"N 009°03'11.20"E	

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
LUGEX	08°25'54.35"N 003°25'14.71"W	UM104 - UA614 - UP685
LUGMA	04°34'35.34"N 006°33'52.19"W	SAN PEDRO IAF
LUKNA	17°44'05"N 001°53'18"W	UM104 - UT365 - UA614 - UB727
LUMPO	15°41'07"N 020°00'00"W	R976/UR976 T/R Limite FIR DAKAR / FIR SAL OCEANIQUE
LURTI	04°50'36"N 015°43'37"E	A403/UA403 - L433/UL433 T/R Limite TMA BANGUI
LURTO	11°41'16.13"N 015°38'06.10"W	BISSAU IAF
LUSKA	00°33'03"S 016°39'43"E	A410/UA410 - UQ580 - UM998 FIR BRAZZAVILLE
LUSTI	12°19'05"N 016°29'00"W	A602/UA602 T/R Limite FIR DAKAR/TMA BISSAU
MAEVA	16°23'45"S 053°21'31"E	UN304 - UR348 - UL433
MAROF	12°18'34"S 046°08'00"E	UM307 - UG661 - UR775
MAURI	21°20'00"N 016°52'26"W	A600
MEGOR	00°45'32"S 009°54'34"E	R526 Limite TMA LIBREVILLE partie 1 GABON
MEGOS	11°45'04.42"S 043°04'39.88"E	IAF MORONI
MEGOT	05°48'42"N 007°26'30"W	B600/UB600 T/C Limite TMA ROBERTS/Secteur d'ABIDJAN
MEKAL	09°23'58"N 015°18'01"E	A403/UA403 - UB736 T/R Limite TMA N'DJAMENA partie 2
MEKIV	12°17'34"N 017°21'11"W	UG853 FIR DAKAR - SENEGAL
MEKOP	06°04'33.39"N 001°03'15.14"E	LOME RNP RWY 04 IAF
MELAL	17°51'25.70"N 015°35'26.40"W	R988 Limite TMA POINTE-NOIRE CONGO
MELEL	03°37'28"S 012°28'45"E	
MEMAR	09°26'01.30"N 005°46'24.70"W	KORHOGO IAF
MEMER	04°54'04.80"N 006°30'59.80"W	SAN PEDRO IAF
MENAX	07°15'27"N 014°27'25"E	UQ200 - UM998
MENES	18°18'22.50"N 015°53'18.30"W	IAF NOUAKCHOTT OUMTOUNSY
MEPON	04°23'36"N 001°58'24"E	
MERAR	18°22'44.90"N 015°44'07.50"W	IAF MARADI
MEREK	13°33'53.82"N 006°55'14.90"E	A600 Limite TMA BAMAKO partie 1 MALI
MERIG	00°45'48.20"N 009°07'38.30"E	
MERIP	12°41'41"N 006°34'31"W	UM215 - UT419 - UQ580 - UG655
MERON	04°55'00"N 024°02'42"E	UM974 Limite UTA BAMAKO MALI
MESER	14°44'55"N 011°56'19"W	UY339 - UQ580 - UG861
MESIN	03°39'08.71"S 011°36'06.84"E	A600
MESUL	14°48'49"N 011°49'45"W	IAF COTONOU(DBBB)ILSY RWY24
METEV	09°21'57.94"N 012°55'27.46"E	
METOX	06°28'26.05"N 002°32'22.71"E	UN304
MIDRI	13°26'02"S 052°00'00"E	UY212 - UY333
MIGED	00°24'12"S 017°30'42"W	
MIGNI	17°49'22"N 005°41'26"E	UG727
MIKMA	00°09'32"S 014°39'34"E	ODIENNE IAF
MILDA	09°21'06.40"N 007°40'12.19"W	N'DJAMENA IAF/IF
MILRA	11°59'39.81"N 014°53'16.74"E	A604/UA604 Limite FIR NIAMEY / FIR KANO
MIMBA	13°04'59.60"N 008°23'33"E	

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
MINBA	19°45'12"N 013°58'19"W	R975 T/R Limite TMA NOUAKCHOTT
MINVO	12°03'24"N 006°39'45"W	A601 T/R Limite TMA BAMAKO partie 1
MIPDO	06°55'21.67"N 022°05'59.99"E	UT325 - UQ583 Brazzaville FIR - Central African Republic
MIPNA	15°24'38"N 009°08'51"W	G851 T/R Limite FIS NOUAKCHOTT/TMA BAMAKO
MIRBO	06°22'33.70"N 001°00'00"E	LOME STAR RNAV 04 WPT
MIROV	10°00'00"S 052°36'00"E	UL441
MISRU	08°00'00"N 020°39'22"E	UM214 - UT325
MISTI	00°43'41.43"N 011°53'07.51"E	UQ582 - A604/UA604
MIYEC	23°42'00"N 012°59'00"W	UT365 - G851/UG851 T/R Limite FIR CANARIES/FIR DAKAR
MOBKA	04°19'06"N 019°38'00"E	TMA BANGUI/ TMA GBADOLITE
MOBNA	04°05'51"N 002°42'40"E	
MOGNI	08°33'30"N 026°50'42"W	UB623
MOGSA	14°41'18"N 020°12'41"W	UW31/W31 - A602/UA602 T/R Limite FIR SAL OCEANIQUE / FIR DAKAR
MOGSI	01°11'57.92"N 008°42'17.21"E	UQ583 - UG856 Libreville UTA. Brazzaville FIR
MOKAL	04°04'36.90"N 009°34'46.90"E	DOUALA IAF
MOKAR	05°31'27.20"N 004°14'53.50"W	
MOKAT	20°56'00"N 001°10'00"E	G859/UG859 T/R Limite FIR ALGER / FIR NIAMEY
MOKER	12°26'46.21"N 001°19'39.21"W	OUAGADOUGOU IAF
MOKIK	11°12'36.20"N 004°07'26.60"W	BOBO-DIOULASSO IAF
MOKIM	07°53'41.29"N 004°54'43.38"W	BOUAKE IAF
MOKOB	01°56'30"N 006°42'40"E	UQ584 - UB600
MOKOD	16°24'47.90"N 013°25'45.80"W	UA600 - UB728 T/R limite UIR/UTA DAKAR
MOLAN	07°06'57.90"N 007°45'04.50"W	MAN IAF
MOLAR	07°38'41"N 003°07'23"W	TMA ABIDJAN
MOLIT	13°45'06"N 008°19'48"E	A604/UA604 - G854/UG854 T/R limite FIR KANO / N'DJAMENA / BRAZZAVILLE
MOLUG	01°52'43.59"S 013°29'52.36"E	
MOMIG	10°36'12"N 013°29'33"E	UM998
MOMOT	03°38'21.46"N 011°23'40.46"E	YAOUNDE IAF
MONAN	09°33'18"N 023°40'00"E	UB736
MONEK	04°07'52.70"S 015°24'44.30"E	IF BRAZZAVILLE
MONIT	01°44'49.12"N 009°38'07.52"E	
MONOS	06°15'57"N 001°47'00"E	L433/UL433
MONUK	17°16'06"N 013°21'12"W	UQ596 - UG615 - UB728
MOPAL	11°17'47"N 008°25'11"W	UG852
MOPAV	13°54'08"N 009°08'58.06"E	IAF ZINDER RNP RWY 23
MOPEB	06°48'25.58"N 005°33'50.54"W	YAMOUSOUKRO IAF
MORAR	09°55'47.46"N 001°15'09.62"E	IAF NIAMTOUGOU
MOROS	02°48'24"N 015°42'55"E	A403/UA403 - UL434 - UG625 - UM998
MOSIG	04°19'59"S 015°00'34"E	BRAZZAVILLE IAWP
MOTEN	00°41'48"N 009°17'50"E	
MOTET	05°08'46"N 013°52'28"E	L433/UL433 - UG727

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
MOTOP	13°45'37"N 008°37'38"E	G854 - R986 T/R limite FIR NIAMEY / FIR KANO
MOTUS	05°34'56.10"N 004°11'19.10"W	
MOVAG	13°24'53"N 002°35'32.73"E	
MOVID	13°35'34.87"N 002°24'23.62"E	NIAMEY IAF
MOVOD	00°43'24"S 010°53'25"E	UG856 - UG861
MOVOK	10°52'36.39"N 003°47'44.82"W	UQ594 - UA601
NAKOL	04°03'48.20"S 015°14'12.30"E	BRAZZAVILLE IAF
NALAT	09°18'07.68"N 013°45'53.13"E	
NALET	17°26'52"N 013°54'28"W	UG615 - UR620
NAMEX	17°49'51"N 015°36'41.05"W	
NAMIS	18°36'43"N 011°30'00"E	UQ594
NAMOR	08°00'00"N 014°14'40"E	UM998 NDJAMENA / BRAZZAVILLE
NAMOS	17°54'00.19"S 049°22'07.50"E	TOAMASINA IAWP
NANGA	10°24'30"N 002°50'00"W	A601/UA601 T/R Limite TMA BOBO DIOULASSO / FIR ACCRA
NANIG	03°19'29.37"N 011°41'51.18"E	
NANIK	06°20'30"N 033°10'18"W	UN741
NANOS	13°45'59"N 005°45'57"E	UT258 - UQ592 - UB731
NANTA	21°50'34"S 051°30'00"E	UG653
NANUS	16°48'18"N 011°56'52"W	UM372 - UG615 - UR722
NAPAP	04°00'48.01"N 008°22'49.49"E	
NAPEN	12°58'46.27"N 019°30'43.33"E	UM214 - UQ589 - UG660
NAPIL	17°06'15.04"N 008°10'13.91"E	IAF AGADEZ RNP RWY 25L
NAPTU	12°30'59"N 006°34'03"W	G860 T/R Limite TMA BAMAKO
NAPUX	04°27'00.61"S 015°09'05.59"E	IAF BRAZZAVILLE
NARAB	12°46'26"N 014°09'12"E	UG620
NARAG	14°33'10.10"N 017°22'01.51"W	IAF DAKAR
NARAT	14°56'36.20"N 018°00'00"W	UG853 - UR976
NARPI	01°28'04"N 006°08'18"E	UQ584
NARTU	08°00'00"N 014°45'22"E	UG624
NASED	08°00'00"N 017°59'40"E	UQ584
NASTO	09°52'48"N 003°30'24"E	
NATGO	18°00'00"N 008°58'06"E	R986
NATNA	05°20'44.50"N 004°20'10.80"W	
NATRI	05°43'18.01"N 010°27'27.76"E	IAF BAFUSSAM (FKKU) VOR RWY 15
NAVKI	13°15'41"N 003°26'29"E	UM114 - UG660 FIR NIAMEY
NAVON	11°00'00"N 001°12'54"W	R982/UR982
NAVTO	00°17'21.22"S 010°21'11.72"E	UQ582 - UG856 FIR BRAZZAVILLE
NEBDO	13°04'20.67"N 002°04'51.61"E	
NEBEX	00°30'55.65"N 012°01'28.83"E	UT143 - UA604
NEBRA	18°28'35.62"N 011°00'20.84"E	UQ594 - UG858 - UM998
NEGLO	11°55'40"N 009°08'18"W	A612/UA612 T/R Limite FIR ROBERTS/TMA BAMAKO partie 1
NEKRA	20°00'00"N 009°08'06"E	R986
NEKTO	11°05'33.80"N 004°44'17.20"W	
NELTO	09°47'42"N 029°01'54"W	UN866



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
NEMLA	16°57'42.47"N 007°47'59.74"E	IAF AGADEZ RNP RWY 07R
NEMLO	12°05'47.79"N 001°09'00.88"E	UM629 - UG855
NERSO	14°38'18.26"N 017°03'47.84"W	
NERUP	05°28'35"S 009°00'00"E	UQ561 - UQ581
NERVU	06°19'21.75"N 002°10'17.54"E	IAF COTONOU(DBBB) RNP RWY06
NESAM	10°00'00"S 048°31'54"E	UM307
NESIG	16°53'37.56"S 049°53'50.98"E	IAF FMMS-IAC-RNP19
NETUS	12°18'20.55"S 049°02'27.75"E	IF FMNA-IAC-RNP13
NEVDI	16°31'02"N 016°06'36"W	UR975
NIDEK	23°14'45.38"S 043°54'40.28"E	IAF FMST-IAC-RNP22
NIRUP	04°18'22"N 017°11'33"E	R984-2
NIVAR	05°27'14.80"N 004°17'45.10"W	
NOCUT	19°55'48"N 018°00'00"W	UG853 T/R limite UIR CANARIAS / UTA NOUAKCHOTT
NULIG	03°50'10.43"S 009°41'35.34"E	UA400 - UQ561
NULIK	12°16'27.90"N 001°41'06.90"W	OUAGADOUGOU IAF
NULOR	01°30'24.99"S 014°51'30.15"E	UQ580 - UG727 UTA BRAZZAVILLE - FIR BRAZZAVILLE - CONGO
NULOS	01°15'35"S 009°09'12"E	B732 T/R limite TMA PORT GENTIL
NULOX	12°13'06.99"N 015°14'43.73"E	N'DJAMENA IAF
NUPAL	05°47'24.67"N 010°08'59.86"E	IAF BAFOUSSAM (FKKU) RNAV RWY 15
NURAS	14°13'20"N 015°29'03"W	A601 T/R Limite TMA DAKAR
NURIP	00°15'35"S 007°53'14"E	H520 Limite TMA SAO-TOME et TMA PORT GENTIL
NUROK	09°25'40"N 016°16'30"E	A607/UA607 - UB736
NUSIR	01°40'19.09"N 009°47'03.27"E	
NUSIT	18°25'05"N 017°13'00"W	B600/UB600 UTA NOUAKCHOTT- MAURITANIE - FIR DAKAR
NUSUR	13°09'15"N 001°52'47"W	UA600 - UR866 UTA OUAGADOUGOU BURKINA FASO - FIR NIAMEY
NUTET	11°56'39.40"N 001°25'24.90"W	
NUVIP	03°31'26"N 014°06'55"E	UQ583 - UG727
NUVIS	00°27'35"N 017°58'00"E	UQ580
NUVOS	11°32'24.40"N 002°15'31.96"E	UQ592 - UA608 Niamey FIR
OBUDU	06°10'12"N 009°15'00"E	A604/UA604 FIR KANO/TMA DOUALA, T/R ACC KANO/ACC DOUALA
ODATA	18°42'23.36"N 003°35'42.82"W	UT365
ODOVA	00°29'46.17"N 010°35'38.74"E	UT143 - UG861
ODPAT	18°26'16.20"N 015°41'53.75"W	
ODPON	17°41'17.70"N 016°02'58.90"W	
ODRAK	03°16'17.05"N 008°24'38.30"E	
ODROL	04°50'36"N 011°54'34"E	H455 T/C Limite TMA DOUALA/YAOUNDE
ODSAB	05°40'22.20"N 003°56'43.80"W	
OKDOP	19°56'52.30"S 054°14'11.60"E	UA400
OKRES	16°54'18.06"S 049°47'37.88"E	IAF FMMS-IAC-RNP19
OKTIB	21°05'22"S 055°07'12.60"E	
OLEVO	13°06'44.02"N 017°23'34.13"E	UM863

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
OMUBA	15°04'34.14"N 017°13'04.13"W	
ONAMU	03°05'44.98"S 010°52'03.57"E	UR526 - UQ560 - UQ581 FIR BRAZZAVILLE
ONANO	00°37'01"N 009°01'38.40"E	
ONARI	07°39'30"N 003°07'09"W	G859/UG859 Limite TMA ABIDJAN COTE D'IVOIRE
ONASA	03°43'35"S 011°07'37"E	R526 T/R Limite TMA POINTE NOIRE
ONASI	04°06'21.61"N 011°23'50.70"E	
ONAVO	00°03'51.99"N 014°37'35.35"E	UT419 - UG727
ONELA	05°12'13.10"N 004°20'35.60"W	
ONESI	05°23'28"N 002°45'16"W	B600/UB600 T/R LIMIT ABIDJAN TMA-UTA/ACCRA FIR
ONIMA	07°17'33"N 015°29'55"E	UQ200 - UA403 - UG624
ONIMI	16°24'35"N 003°23'14"W	UB727 - UR866 FIR NIAMEY
ONKAR	01°16'04"N 011°31'56"E	A604/UA604 - UG625 Limite TMA/UTA LIBREVILLE et FIR/UIR BRAZZAVILLE - GABON
ONLEN	01°43'13"S 008°11'49"E	A400/UA400 Limite TMA SAO-TOME - FIR BRAZZAVILLE
ONLET	14°32'43"N 014°17'48"E	A607
ONLON	07°31'36.90"N 003°33'51.77"W	UM104 - UQ592 - UA614
ONOB	13°41'36"N 024°26'30"W	UB623
ONOGO	06°33'30.64"N 014°39'22.75"E	UQ584 - UM998
ONPAL	06°18'43.30"N 006°12'17.50"W	UB729
ONRAV	00°02'32.71"S 010°43'29.96"E	UQ582 - UG861 Brazzaville FIR - Gabon
ONTIK	11°25'56.86"N 002°56'18.91"W	UM104 - UQ594 - UA614
ONTOL	16°15'00"N 006°16'18"W	UM108 - UB735
ONTOP	13°33'01"N 013°55'24"E	UG619
ONUDA	08°09'41"N 022°51'09"E	UM215 - UA410 - UG655 - UG862
ONUSI	12°55'50"N 004°16'30"W	A600/UA600 T/R ACC BAMAKO / ACC OUAGA
ONVAS	06°36'24.46"N 001°14'48.69"E	LOME STAR RNAV 04 WPT
OPALA	07°24'00"N 002°45'00"E	R984-1/UR984 Limite TMA COTONOU
OPARA	14°40'23"N 008°05'18"W	UM122 - UM974 - UR977
OPDAK	04°15'27"N 021°34'22"E	UM214
OPDAP	09°30'23.30"N 013°48'36.05"E	UQ589 - UW605 - UM998
OPEBA	07°17'19"N 022°29'44"E	
OPENA	11°57'25.80"N 001°38'53.30"W	
OPGAM	02°22'07"N 017°40'14"E	UL434 - UM731
OPGIS	11°17'39.40"N 004°43'30.40"W	
OPIKI	02°10'42"N 018°29'30"E	UL434
OPOLA	07°17'51.38"N 016°21'28.24"E	UQ200 - UQ584 - UM731 N'djamena FIR (TCHAD)
OPUGA	00°00'00"N 003°00'00"W	
OPUGO	14°05'48.59"N 000°51'03.68"W	UG859 - UM974 Niamey FIR (Burkina Faso)
OSLEK	16°00'00"N 006°21'21.98"E	UT258 - UQ594
OSVOR	23°27'18.39"N 012°12'25.07"W	UT365 - UR975
OVMEG	09°30'59"N 020°17'35"E	UM214 - UB736
OVREN	13°03'56.64"N 002°13'03.83"E	

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
OXIDU	11°00'00"N 000°20'12"W	R984-1/UR984 T/R Limite TMA OUAGADOUGOU/FIR ACCRA
OXIMU	04°56'38"N 015°06'53"E	UL433 - UM998
OXITA	12°32'27"N 016°53'41.50"W	CAP SKIRING IAWP
OXOVA	04°00'00"N 005°21'34"W	
PAMPA	08°00'00"N 000°34'00"E	UA601 - B726/UB726 - R983/UR983 Intersection Limite TMA COTONOU
PAZON	15°30'43.15"S 046°10'25.66"E	MAHAJANGA IAF IAWP
PILTI	15°17'06"N 002°18'14"W	UM104 - A612/UA612 - UA614
PILVI	01°50'33.95"S 010°21'12.44"E	R526/UR526 Brazzaville FIR - Gabon
PIMLA	14°54'41.98"N 017°09'40.16"W	BLAISE DIAGNE DIASS-THIES IAF
PIMTA	04°03'11.58"N 015°21'58.62"E	UQ583 - UM998
PIMTO	09°20'45.18"N 007°34'27.21"W	ODIENNE IAF
PINDI	03°57'11.20"N 011°41'21.20"E	YAOUNDE Ville IAWP
PINGI	17°42'43.20"N 016°07'27.90"W	
PINKU	06°37'09.29"N 001°19'25.07"E	LOME STAR RNAV04 WPT
PINRU	09°39'39.41"N 031°22'13.89"W	UL435 - UN741 Dakar Oceanic FIR (SENEGAL)
PINVO	12°56'09"N 009°44'59"W	UY509 - UA601
PIPLA	09°17'14.61"N 018°28'40.38"E	SARH IAF/IF
PIPLO	02°16'06"N 018°07'00"E	UL434
PIPMO	01°49'44.49"S 013°33'53.37"E	
PIPTI	09°11'01.10"N 013°31'31.10"E	IAF GAROUA
PIRMI	05°02'00"S 011°58'12"E	R987/UR987 Limite FIR BRAZZAVILLE - LUANDA
PISRO	04°54'16.70"N 003°41'57.40"W	
PITAM	16°41'06"S 050°00'00"E	UB790
PITMA	12°49'08"N 005°23'17"W	A600/UA600 T/R ACC BAMAKO/ACC OUAGADOUGOU T/R Limite TMA BAMAKO partie 2
PITNO	05°06'29.70"N 003°32'14.50"W	
PITRU	09°34'28"N 013°19'21"E	UG727 - UG857
PIVDO	13°04'33.53"N 002°16'31.20"E	
PIVKI	06°45'23"N 005°56'51"W	UR979 TMA/UTA ABIDJAN COTE DIVOIRE
PIVLA	09°21'11.22"N 005°45'38.51"W	KORHOGO IAF/IF
PIVSA	13°58'08"N 018°00'00"W	UA302 - UG853 Dakar FIR - SENEGAL
POBLA	21°06'31.90"N 016°58'54.30"W	NOUADHIBOU IAF
POBLO	15°02'22.46"N 005°23'00.94"E	IAF TAHOUA
PODGA	14°51'11"N 019°08'02"E	UM214 - UG622
PODPI	14°03'57"N 004°58'48"W	A612 Limite TMA MOPTI Mali
PODRA	13°26'23.92"N 007°19'51.49"E	IAF MARADI
PODVI	18°15'16.90"N 015°49'10"W	
POGBA	04°56'00"N 024°45'32.31"E	UT325 Boundary point of BRAZZAVILLE and KINSHASA FIR
POGMA	00°19'03.60"N 009°01'14.20"E	
POGRA	11°40'00"N 014°10'36"W	V205 - UR865
POKNO	06°45'05"N 005°30'05.43"W	YAMOUSOUKRO IAF/IF
POKOT	05°36'04"N 017°59'03"E	A607 T/R Limite TMA BANGUI partie 1
POKSI	11°51'04"N 034°23'02"W	UL435

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
POKUS	04°00'15.52"N 011°41'14.60"E	YAOUNDE IAF
POKVA	04°21'33"N 009°57'00"E	UQ300 - UG857
POLKI	13°33'22"N 003°34'23"E	G854 T/R Limite FIR / TMA NIAMEY
POLPU	11°16'41.04"N 021°40'00.47"E	UT142 - UM215 - UG655 N'djamena FIR - TCHAD
POLTO	06°29'30.12"N 002°45'00"E	L433/UL433 Limite TMA COTONOU
POMAT	13°52'36"N 024°35'48"W	UN873
POMBI	16°43'09.03"N 002°48'17.45"W	IAF/IF TOMBOUCTOU
POMET	05°28'49"N 005°14'26"W	B600 T/C Limite TMA ABIDJAN
POMKO	04°15'51"N 010°09'57"E	UQ300 - UQ584
POMPA	13°40'12"N 006°15'00"E	G854/UG854 T/R Limite FIR KANO/FIR NIAMEY
POMUP	11°23'41"N 007°14'08"W	G851 Limite TMA BAMAKO - MALI
PONAK	13°50'08.13"N 009°12'04.70"E	IAF ZINDER RNP RWY 23
PONDO	06°30'00"N 011°18'29"E	UG857
PONEK	04°36'10.90"N 018°27'59.10"E	BANGUI IAF
PONIR	20°04'30.10"S 055°06'40.40"E	UN304 - UA400
PONIS	07°47'19.59"N 004°51'38.42"W	BOUAKE IAF
PONOS	12°16'43.56"N 015°11'10.69"E	N'DJAMENA IAF/IF
PONOT	01°05'35"S 011°20'52"E	G856 T/R Limite TMA LIBREVILLE
PONUS	04°17'09.30"S 015°02'59"E	IAF BRAZZAVILLE
POPOL	09°59'43.33"N 001°05'50.07"E	IAF NIAMTOUGOU
PORAX	07°28'33.20"N 007°19'20.20"W	MAN IAF
POROK	12°07'16.50"N 001°51'57.20"W	
POSAG	02°02'15"S 007°21'35"E	UQ559
POSIV	18°03'11.25"N 011°38'46.58"W	UM372 - UQ596 - UR722
POSON	02°05'44.29"N 009°54'07.53"E	
POSOR	04°35'42.88"N 006°48'11.88"W	SAN PEDRO IAF
POTAN	03°11'35"S 014°31'25"E	A604 T/R Limite TMA POOL
POTED	10°55'41.58"N 014°27'48.25"E	G857 T/R Limite TMA N'DJAMENA
POTIM	12°11'39.70"N 001°37'07.20"W	OUAGADOUGOU IAF
POTOB	03°39'29.80"N 009°02'06.80"E	TMA MALABO
POTOL	21°20'40.46"N 003°52'14.60"W	UM108 - UQ596 - UB735 - UR981
POTOX	12°26'00"N 015°54'54"W	B600/UB600 Limite TMA DAKAR et TMA BISSAU
POTUB	16°37'20"N 011°24'10"W	UG615 Nouakchott UTA, Mauritanie, Dakar FIR
POVAS	22°07'44"N 008°40'10"W	UM122 - UT365 - UM725 - UR977
POVAT	10°58'37.30"N 004°26'04"W	BOBO - DILOULASSO IAF
POVIN	16°50'48.12"N 014°04'15.81"W	UQ596 - UA600 - UR620
POXAS	13°34'26.69"N 001°59'47.14"E	NIAMEY IAF
RAKOL	05°02'58.59"N 003°55'21.92"W	IAF ABIDJAN
RAKOM	20°33'58"N 011°51'52"E	UB730 - UG858
RAKUD	03°24'30"N 029°11'00"W	UB623
RAKUT	11°59'59.50"N 014°53'37.40"E	N'DJAMENA IAF
RALAR	11°00'00"N 003°29'01"E	
RALAT	07°38'18.24"N 005°15'50.07"W	BOUAKE IAF
RALER	00°11'57.20"N 009°05'08.50"E	



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
RALIN	04°28'12"N 008°16'48"E	UR984
RAMET	09°00'07.70"N 018°16'18.10"E	SARH IAF/IF
RAMEX	04°26'09.70"S 015°09'31.10"E	BRAZZAVILLE IAF
RAMIN	04°53'40.51"N 006°46'33.31"W	SAN PEDRO IAF
RAMOR	00°26'26"N 006°35'00"E	A400/UA400 T/R limite FIR ACCRA/FIR BRAZZAVILLE
RAMUP	16°57'40.94"N 008°13'19.71"E	IZF AGADEZ RNP RWY 25R
RANAP	09°19'21.20"N 013°09'34.21"E	GAROUA IAF/IF
RANID	06°23'36.88"N 002°35'59.96"E	IAF COTONOU(DBBB)ILSY RWY24
RANOS	09°15'21.36"N 005°37'54.35"W	KORHOGO IAF
RANUS	00°55'16.63"N 016°14'49.68"E	UT419 - UM998
RAPIM	02°03'28.14"S 010°26'29.45"E	UT419 - UR526 - UQ561 - UQ562 GABON
RAPOD	03°31'48.97"N 011°36'15.49"E	YAOUNDE IAF
RAPUT	04°36'46.50"S 015°17'33.40"E	BRAZZAVILLE IAF
RASAD	01°11'24"N 003°00'00"W	
RASIS	03°57'24.17"N 011°44'57.93"E	YAOUNDE IAF
RASOP	02°34'02.88"S 011°20'16.64"E	UQ581 - UG861
RASUK	04°11'23.76"S 015°27'41.20"E	IAF BRAZZAVILLE
RATEK	09°30'03.87"N 006°06'25.80"W	UQ594 - UG851
RATOD	10°03'57"N 013°38'53"E	UG857 - UM998
RATOS	00°36'31.80"N 009°14'49.50"E	
RATUS	05°46'49.93"N 025°32'01.11"E	UT419 - UG862
RAVOT	13°32'59"N 013°02'57"E	UG620 - UG727
RELEN	11°56'03.47"N 014°56'49.81"E	N'DJAMENA IAF
RILOS	13°15'07.16"N 002°31'39.62"E	
RIMEN	14°26'25.76"N 004°17'12.22"W	IAF MOPTI
RIMOB	05°00'49.73"N 017°52'02.84"E	UQ583 - UG624
RIMOT	09°20'57.30"N 013°34'48.40"E	GAROUA IAF
RINEL	05°04'33.60"N 004°00'08.10"W	ABIDJAN IAF
RIPOL	14°04'53"N 011°30'00"E	UG616 - UG622
RIPOP	05°57'02.23"N 001°12'40.07"E	LOME RNP RWY 04 IAF
RIPUL	13°43'05"N 005°39'52"W	A612/UA612 T/R Limite TMA BAMAKO partie 2
RIRAG	05°50'06.61"N 005°27'43.59"W	UV207 - UQ592 Abidjan UTA. Dakar FIR
RIROT	08°00'00"N 015°59'40"E	
RISOT	09°44'51.04"N 007°33'48.80"W	ODIENNE IAF
RISUB	12°49'48"N 009°21'00"E	R778/UR778
RITAT	13°28'25.60"N 002°00'04.90"E	NIAMEY IAF
RITIL	02°14'03"N 007°45'55"E	B737 T/R limite TMA SAO-TOME
RIVED	16°44'29.33"N 003°12'37.25"W	IAF TOMBOUCTOU
RIXAS	07°04'31.90"N 007°40'39.70"W	MAN IAF/IF
RULDO	08°00'00"N 016°55'00"E	A607/UA607 T/R Limite FIR N'DJAMENA/FIR BRAZZAVILLE
RULPO	12°30'52.30"N 001°35'20.40"W	OUAGADOUGOU IAF
RUPIG	15°35'31"S 055°30'00"E	R348/UR348
RUSMO	14°54'47.35"N 016°59'20.52"W	BLAISE DIAGNE DIASS-THIES IAF
RUVNI	04°06'12"N 019°38'18"E	L433 T/R Limite TMA BANGUI / TMA GBADOLITE

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
SABDU	18°58'50"N 014°53'57"W	R975 T/R Limite TMA NOUAKCHOTT
SABGO	05°49'41"N 001°47'00"E	TMA LOME
SABSA	03°07'27"N 018°03'02"E	A410 T/R Limite TMA BANGUI partie 1
SABSI	14°42'49"N 011°30'00"E	UR778
SADBA	08°56'30"N 027°20'06"W	UN873 FIR DAKAR OCEANIQUE
SADKA	22°52'41.80"N 010°26'06.70"W	UT365 - UM372 - UR722 - UA854
SAGRO	10°35'00"N 030°51'48"W	UN741
SAGVI	01°27'05.73"N 007°36'48.70"E	UB600 UTA SAO TOME in BRAZZAVILLE FIR
SAKNI	03°45'45.81"N 009°07'31.63"E	
SASSA	07°37'51.90"N 013°41'43.20"E	TMA N'GAOUNDERE
SBITA	25°05'33"N 005°00'04"W	UM725
SEMAX	03°22'15.80"N 004°33'13.70"W	
SEMEB	06°43'54.12"N 002°01'12"E	TMA COTONOU
SEMIR	10°41'22"N 014°03'48"E	UG857
SEMOK	16°00'00"N 014°53'58"E	A403
SEMOS	12°11'03.20"N 001°54'04.10"W	
SEMUL	05°00'00"S 008°00'00"E	UQ562 Brazzaville FIR (Congo)
SEMUR	14°35'20"N 005°33'40"W	UB727 - UM974 FIR DAKAR TERRESTRE
SENAB	04°54'35"N 001°11'30"E	
SENON	01°44'10.02"N 009°07'58.02"W	
SENOT	05°08'34.30"N 003°31'34.10"W	
SENOX	25°33'16"N 007°18'09"W	UA854 - UR981
SEPAK	03°38'13.71"N 011°57'41.38"E	
SEPAS	00°06'00.80"N 009°11'47.60"E	
SEPAT	14°12'29"N 006°00'29"W	UB727
SEPEL	17°50'02"N 015°07'18"W	UG615 - UR975
SEPOM	17°20'00"N 020°00'00"W	
SERAG	14°15'29.47"N 003°27'35.01"E	UM114 - UQ594
SERAL	02°20'57"N 017°45'26"E	A410/UA410 - UL434 T/R Limite TMA BANGUI partie 2
SERIM	03°07'24"S 020°24'30"W	
SEROD	06°20'42"N 022°58'30"W	FIR DAKAR OCEANIQUE - SENEGAL
SEROR	21°33'58"N 011°54'02"W	G851/UG851 - UA854 Nouakchott UTA (MAURITANIA)
SESAL	04°09'55.60"N 018°34'48.30"E	BANGUI IAF
SESAM	13°42'38"N 007°07'31"E	G854/UG854 T/R Limite FIR KANO/FIR NIAMEY
SESIG	04°57'14"N 003°00'00"W	UR979
SETID	13°19'55"N 011°40'00"W	A601 FIR DAKAR TERRESTRE
SETOG	13°58'07.82"N 009°05'51.31"E	IAF ZINDER RNP RWY 23
SETOL	03°48'58.43"S 011°24'07.49"E	UQ580 - UR987 Brazzaville FIR - Congo
SEVAM	04°00'00"N 005°50'21"W	
SEVOK	05°17'27.86"N 010°21'15.80"E	IAF BAFOUSSAM(FKKU)VOR RWY 33
SEXAT	05°38'35"N 010°45'09"E	L433/UL433 - G857/UG857 - UR986 Brazzaville FIR - Cameroon
SEXEM	10°47'40.41"N 006°52'34.54"W	G851/UG851 - G854/UG854 Dakar FIR (Mali)

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
SEXOR	01°36'40.55"N 017°28'41.75"E	UA410 - UT419	TAREN	13°18'47"N 000°00'38"W	UA600 - UA603
SIBAX	00°43'36"N 016°17'24"W		TARIX	03°34'50.22"N 011°40'09.72"E	YAOUNDE IAF
SIBED	08°00'24.87"N 013°29'50.44"E	IAF GAROUA	TAROV	02°01'34.30"N 009°57'58.80"E	BATA IAF
SIBEX	02°57'33.08"S 010°59'21.62"E	UQ581 - UR987	TASIL	04°00'18"N 029°59'24"W	UN873
SIBIG	14°32'31.24"N 017°27'08.24"W	IAF/IF DAKAR	TASIN	03°37'13"S 011°18'28"E	R987 T/R Limite TMA POINTE NOIRE
SIGAL	12°18'00"N 014°28'48"E	G854/UG854 T/R Limite FIR KANO/N'DJAMENA/BRAZAVILLE	TASOK	00°04'42.40"N 009°35'13.20"E	
SIRPA	01°36'30"N 006°18'29"E	UQ584 - UR979	TASOM	05°34'48"N 015°39'30"E	UA403 - UT475
SIRTO	11°00'00"N 002°37'23.88"E	R981/UR981 T/R Limite TMA NIAMEY/ TMA COTONOU	TASUB	09°31'47.92"N 001°04'52.66"E	IAF NIAMTOUGOU
SISNU	14°02'36.61"N 014°49'10.38"W	UA601 - UR620 - UR865 Dakar FIR (SENEGAL)	TASUT	14°55'36.54"N 017°30'13.85"W	IAF DAKAR
SISTA	01°20'29"S 007°55'49"E	UA400 - UQ559	TATAB	12°30'34.60"N 001°25'34.60"W	OUAGADOUGOU IAF
SITBI	01°42'34.11"N 009°42'35.40"E		TATAT	11°00'00"N 002°16'24"E	UA608
SITMI	18°05'53.20"N 016°20'30.90"W	MAHWP NOUAKCHOTT OUMTOUNSY	TATOR	04°34'01.21"N 006°43'29.06"W	SAN PEDRO IAF/IF
SOAVI	13°35'36"S 046°12'43"E	UR775 - UB790	TAVAL	05°19'58.90"N 003°31'06.20"W	
SOBNO	16°38'36"N 014°24'24"W	UQ596 Limite UTA Dakar/UTA Nouakchott-FIR DAKAR	TAVIL	18°08'44"N 001°25'44"W	UB727 - UR981
SOGRO	03°51'42.27"N 008°54'57.61"E	MALABO IAF	TAVOT	13°04'59"N 002°40'09"W	UM104 - UA600 - UA614
SOKMA	17°48'51.16"N 014°01'35.73"E	UQ592 - UG862 Niamey FIR (NIGER)	TEBKA	06°09'43.50"N 002°17'32.03"E	IAF COTONOU(DBBB) RNP RWY06
SOLAL	11°53'06"S 041°49'36"E	UN305	TEKTI	04°00'00"N 018°44'12"E	UA607
SOLMA	19°23'03"N 004°48'50"W	UM108 - UT365 - UB735 - UR866	TEMKI	00°08'26"S 009°03'58"E	G857 T/C Limite TMA LIBREVILLE / TMA PORT GENTIL
SOLVI	05°09'59.92"N 018°10'35.05"E	UQ583 - UA607	TEMLA	00°37'16.98"S 009°51'10.50"E	UR526 - UQ582 UTA LIBREVILLE - FIR BRAZAVILLE - GABON
SOMSI	03°02'00"N 018°35'00"E	BANGUI vers MBANDAKA	TENKI	00°44'08.12"S 009°57'43.95"E	R987 Brazzaville FIR (Gabon)
SONKO	15°05'12"N 002°46'06"W	UA612 - UR866	TENPO	14°42'35"N 009°34'39"W	UY509 - UM974
SOPOG	06°01'15.29"N 025°15'53.52"E	UT139 - UG862	TENTA	01°30'00"S 006°35'00"E	UQ360
SOPVI	19°15'01"S 046°34'25"E	UB536	TENTU	09°04'00.12"N 002°55'59.88"E	R981/UR981 T/R Limite TMA COTONOU / FIR ACCRA
SORKA	13°07'52.35"N 001°56'12.42"E		TERAS	20°44'25"N 001°47'40"E	UM608 - UB727
SUNIR	24°18'06"S 040°00'00"E	UT122 - UG653	TERBI	05°46'09.88"N 010°19'25.90"E	IAF BAFOUSSAM (KKU) RNAV RWY 15
TABNO	10°23'42"S 043°38'12"E	UG661	TERTA	03°27'41"N 001°11'30"E	
TAKUM	06°54'00"N 010°19'48"E	UR986	TESKI	02°23'01.30"N 004°52'52.90"W	
TAMIL	10°35'00"N 000°01'00"E	UA603 - UG855 - R984-1/UR984	TESTI	20°15'25.30"N 000°59'17.40"E	UB727 - G859/UG859
TAMOL	07°33'08.23"N 004°58'40.58"W	BOUAKE IAF	TETRO	25°29'12"S 040°00'00"E	UG654
TAMUL	19°59'00"N 011°10'16"W	UM372 - UR722 - UM725 - G851/UG851	TEXAT	16°54'58.37"S 049°41'24.73"E	IAF FMMS-IAC-RNP19
TANAD	14°20'52.33"N 013°52'05.04"E	UT237 - UG622	TIDAL	18°08'13"S 044°58'58"E	UA400
TANAS	03°31'08.42"N 008°29'50.95"E	MALABO IAF	TIDOB	15°57'42"S 054°31'28"E	UR348 - UA665
TANAX	16°39'50.24"N 003°10'39.65"W	IAF/IF TOMBOUCTOU	TIGOK	15°00'00"S 053°52'17"E	UA665 FIR ANTANANARIVO - MADAGASCAR
TANEB	18°28'57.50"N 016°04'31.70"W	IAF NOUAKCHOTT OUMTOUNSY	TIGUR	19°28'21"S 050°03'49"E	A401/UA401 T/R Limite TMA ANTANANARIVO
TANIS	04°22'55.50"S 015°05'41.30"E	IF BRAZAVILLE	TIGUS	17°27'03"S 050°58'10"E	UR348 - UB790
TANIS	04°22'55.50"S 015°05'41.32"E	BRAZAVILLE IAF/IF	TIKAN	14°39'30"S 046°16'41"E	UR775
TANON	09°15'56.52"N 013°35'07.57"E	GAROUA IAF	TIKAP	16°01'16"S 049°10'13"E	UL441 - UB790
TAPAK	13°58'56"N 010°40'08"E	UG622 - UR778	TIKEL	13°37'35"S 050°33'10"E	UL433 - UL441
TAPEK	02°36'09.76"N 011°57'04.69"E	UQ583 - UR986	TIKEM	15°30'43.20"S 046°10'25.70"E	MAHAJANGA IAF
TAPIL	01°47'57"S 010°27'09"E	R987/UR987 T/R Limite TMA LIBREVILLE	TILUX	23°36'04.72"S 043°44'40.28"E	IAF 09AD2-FMST-IAC-RNP04
TAPIX	09°13'51.17"N 005°22'32.02"W	KORHOGO IAF	TIMAK	05°20'00"S 010°00'00"E	UQ560 - UQ580
TAPOS	03°31'33.50"N 011°31'08.10"E	YAOUNDE IAWP	TIMOX	17°51'54"N 013°47'37"W	UR620 - UM725
TAPUS	19°27'39.44"N 008°27'19.63"W	UM122 - UY509 - UQ596 - UR977	TINET	04°02'00"N 011°31'23.30"E	IAF YAOUNDE
TAPUT	09°14'18.71"N 018°32'46.74"E	SARH IAF			

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
TINEV	06°05'50.01"N 001°04'06.54"E	LOME VOR RWY 04 IAF
TIPAD	15°35'48.40"N 012°14'09.20"W	UM372 - UA600 - UR722
TIPEM	14°29'03.50"N 020°48'04.04"E	UM215 - UM863
TISEN	24°11'04"N 006°09'16"W	UM725 - UR981
TITAS	07°16'57.08"N 023°10'37.92"E	UQ200 - UM215 - UQ583 - UG655
TITAT	09°13'06"N 017°00'30"W	Limite FIR DAKAR OCEANIQUE - FIR ROBERTS (entrée AORRA 3 et 4)
TIVAL	01°49'42"S 014°54'21"E	UG727
TIVOD	06°57'36"N 014°43'12"W	FIR DAKAR OCEANIQUE - ROBERTS (entrée AORRA 3 et 4)
TIXOT	12°21'51.20"N 001°56'15.30"W	
TOBAB	04°10'36"N 015°19'54"E	UR984 - UM998
TOBAS	14°01'49"N 009°59'51"W	UA600
TOBEL	09°22'22.01"N 014°28'15.71"E	IAF GAROUA
TOBER	06°53'19.84"N 005°33'47.43"W	YAMOUSOUKRO IAF
TOBUK	21°56'00"N 009°18'00"E	UB731 - R986 - UM998 T/R Limite FIR ALGER/FIR NIAMEY
TONBA	21°35'18"N 019°51'12"E	UM7 - UL12 - UM215 - UR778
TSARA	12°30'00"S 052°12'20"E	UA665
TUMMO	22°00'00"N 014°40'18"E	A403/UA403 T/R Limite FIR TRIPOLI/FIR N'DJAMENA
TUMUT	11°00'00"N 001°58'42"W	G859/UG859 T/R Limite TMA OUAGADOUGOU/FIR ACCRA
TUPIS	13°26'57.98"N 001°44'38.51"E	
TUREB	12°20'17.99"N 003°27'31.95"E	UM114 - UQ592 Niamey FIR (NIGER)
TURED	13°00'00"N 018°00'00"W	A602/UA602 - UG853 FIR DAKAR TERRESTRE
TUROT	04°34'18"N 012°09'54"W	
TURUP	11°27'54"N 019°40'00"W	UA302 Limite FIR DAKAR TERRESTRE - FIR DAKAR OCEANIQUE
TUSEK	06°16'36"N 003°11'00"W	UG855
TUSOT	04°09'09.70"N 018°29'10.40"E	IAF BANGUI-M'Poko RNAV RWY 34
TUSUR	19°54'47"N 017°06'31"W	B600 T/R Limite TMA NOUADHIBOU/TMA NOUAKCHOTT
TUTAN	17°55'44.10"N 016°05'09.90"W	NOUAKCHOTT IAWP
TUTAS	00°55'16.30"S 008°40'08.20"E	
TUTEL	05°04'53.76"N 003°59'59.75"W	ABIDJAN IAF/IF
TUTLO	17°00'00"N 037°30'00"W	SANTA MARIA/SAL OCEANIC
TUTOL	16°14'24.45"N 000°12'33.83"W	IAF GAO
TUVAT	18°02'52"N 015°53'39.30"W	IAF NOUAKCHOTT OUMTOUNSY
TUXID	10°00'23.37"N 005°07'28.94"W	UQ594 - UP685
TUXOL	17°31'06.59"N 013°21'19.29"E	UQ592 - UA607 - UM731 Niamey FIR (NIGER)
UBALA	04°02'50.80"S 015°13'45.90"E	IAF BRAZZAVILLE
UBALO	00°42'51"S 007°29'15"E	A400/UA400 T/R limite TMA SAO-TOME
UBATA	14°45'13.50"N 012°26'05.20"W	UM372 - UR722 - UM974
UBATI	11°44'49"N 009°01'22"W	B727/UB727 UBATI : T/R Limite FIR ROBERTS/FIR DAKAR TMA BAMAKO
UBEKA	03°46'31.58"N 011°57'54.74"E	

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
UBEVA	13°44'37"N 004°44'50"E	UY333 Boundary point between Kano and Niamey FIRs
UBOLA	00°29'08.50"N 009°49'38.60"E	
UBOLI	03°45'57"S 011°04'23"E	B732 T/R limite TMA POINTE NOIRE
UBOSU	04°48'24"N 011°06'14"E	UQ584 - UR986 Brazzaville FIR (Cameroon)
UBOXA	13°15'15.58"N 000°43'16.24"W	A600 Niamey FIR (Burkina Faso)
UBOXI	04°56'07.17"N 006°36'54.94"W	SAN PEDRO IAF/IF
UBUTU	07°11'42"N 008°10'48"W	B729/UB729
UBUVA	01°24'14.51"S 011°43'57.62"E	UT419 - UG856 UTA BRAZZAVILLE CONGO
UDEBO	10°55'31.02"N 018°51'49.02"W	
UDRAS	05°35'44.20"N 003°41'11.10"W	
ULGAS	13°34'36.20"N 001°45'13.79"E	
ULMAB	01°10'14"S 015°29'36"E	UA403 - UQ580 Brazzaville FIR
ULNAL	04°51'43.21"S 010°25'17.44"E	UA400 - UQ580
ULNOT	17°06'26"N 015°40'09"W	UR865 - UR975
ULPAK	25°10'02"N 007°46'09"W	UA854 - UR866
ULSAM	05°56'43.61"N 002°30'17.19"E	TMA COTONOU
ULTIM	01°00'23"N 010°37'33"E	BANGUI vers LIBREVILLE
ULVAB	13°28'46"N 010°06'09"E	UR778 - UG854
UMOSA	08°00'00"N 015°25'56"E	A403/UA403 T/R Limite FIR N'DJAMENA/ FIR BRAZZAVILLE
UMOVO	11°00'00"N 000°53'42"W	R983/UR983
UMUSO	03°45'36"N 010°49'00"E	R874 Limite TMA DOUALA et TMA YAOUNDE - FIR BRAZZAVILLE -CAMEROUN
UNADO	16°15'00"N 009°30'39"W	UG851
UNAGA	20°24'09.23"N 006°12'51.18"W	UT365 - UQ596
UNIKA	07°55'31.89"N 004°56'58.55"W	BOUAKE IAF
UNKAL	23°12'21.75"S 043°48'41.64"E	IAF FMST-IAC-RNP22
UNKIK	20°14'28.50"S 052°56'04.70"E	A401/UA401 T/R Limite TMA LA REUNION partie 1
UNOTA	15°50'57"N 000°17'35"E	UT365 - UR981
UPAKI	16°56'55.53"N 008°14'06.06"E	IAF AGADEZ RNP RWY 25L
UPASA	04°03'48.20"S 015°14'12.30"E	BRAZZAVILLE IAF
UPATU	00°33'44.50"N 015°36'26.10"E	UT143 - UA403 - UT419 FIR BRAZZAVILLE
UPAVO	07°26'39.67"N 023°39'53.16"E	UQ583 - UG862
UPESA	16°41'15.84"N 018°00'00"W	UG853 Dakar FIR (SENEGAL)
URAPI	09°51'30"S 003°53'36"W	
USDIS	09°30'45.98"N 007°21'18.55"W	ODIENNE IAF
USDOT	09°25'19.56"N 005°20'41.76"W	KORHOGO IAF/IF
USKAT	01°04'51.28"N 008°23'39.25"E	UQ583 - UB600 FIR BRAZZAVILLE
USKAV	02°13'20"N 017°42'33"E	UA410 - UM731
USLAG	23°20'00"N 011°43'45"E	
USLEN	07°45'31"N 003°31'40"W	UM104 - UA614 Limite TMA ABIDJAN - COTE D'IVOIRE
USLOK	04°37'12"N 017°04'24"E	UL433 - UQ583 - UM731 Brazzaville FIR

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
USLOV	09°24'50"N 015°47'10"E	UM731 - UB736
USMOL	01°55'13.89"N 008°00'20.05"E	UB737 - UG856 Brazzaville FIR - Gabon
USPOK	14°23'54"N 014°20'33"E	UA607 - UG619 - UG622 - UM731
USRUT	23°39'24"N 002°43'18"W	UM108 - UM629 - UB735
USTAV	17°02'44.25"N 008°12'25.26"E	AGADEZ IAF
USTEL	05°02'51"N 004°00'50.30"W	ABIDJAN IAWP
USTER	03°40'30.40"N 011°27'04.93"E	YAOUNDE/Ville IAWP
UVDUK	11°40'22"S 051°39'48"E	UL441 - UA665
UVENA	18°36'19"S 054°24'06"E	UN304
UVGAD	16°27'47"S 046°34'21"E	A401/UA401 T/R Limite TMA MAHAJANGA / TMA ANTANANARIVO
UVGET	15°00'21"S 049°46'07"E	UL441 - UG661
VABAX	04°06'57.78"N 011°40'46.81"E	
VABEG	00°49'04"N 009°37'33.10"E	
VABOR	09°57'45.43"N 001°10'29.87"E	IAF NIAMTOUGOU
VADAK	05°39'02.90"N 003°47'38.20"W	
VADAM	04°49'28.38"N 006°29'06.51"W	SAN PEDRO IAF
VEMAR	14°30'00"S 051°25'35"E	UL433
VISCO	03°37'30.48"N 009°07'46.73"E	MALABO IAF
VISNA	08°40'00"N 014°03'11"E	UG624 - UM998
VISPA	17°41'31.20"N 015°50'04.70"W	
VISRO	07°57'48.10"N 005°06'05.59"W	BOUAKE IAF
VISTI	09°34'26.70"N 005°25'07.08"W	KORHOGO IAF
VITLI	04°20'47"N 008°34'00"E	UR984
VITSO	14°35'18.76"N 003°52'05.29"W	IAF MOPTI
VODLO	03°33'33.43"N 011°26'24.50"E	YAOUNDE IAF
VOHID	10°55'46"S 044°19'40"E	UN305 - UG661
VOKLA	11°06'36.90"N 004°32'13.60"W	BOBO - DIOULASSO IAF
VOKRI	06°33'15.20"N 002°28'45.38"E	IAF COTONOU(DBBB) ILSY RWY24
VOLBU	14°24'05"N 002°27'05"W	UM104 - UA614 - UR866 - UM974
VOLKO	07°12'42.03"N 020°50'35.93"E	UQ200 - UM214
VOLMI	00°31'27.14"N 012°40'49.81"E	UT143 - UR986 TMA LIBREVILLE
VOLMU	02°07'52.22"N 010°58'00"E	UQ583 - UA604 FIR BRAZZAVILLE
VOLNA	10°37'54"N 008°00'00"W	G854/UG854 T/R UIR ROBERTS/TMA BAMAKO
VOLTI	12°09'43"N 002°25'45"E	R981 T/R Limite TMA NIAMEY
VOMIN	06°54'14.46"N 005°09'41.52"W	YAMOOUSSOUKRO IAF
VOMLA	04°14'05.50"S 009°58'33.27"E	UA400 - UQ581 FIR BRAZZAVILLE
VONTI	01°48'44"S 015°26'44"E	A403/UA403 T/R Limite TMA POOL partie 2
VOPAL	06°00'47.83"N 001°07'57.64"E	LOME RNP RWY 04 IAF
VOPAT	02°27'52.68"S 013°02'49.98"E	UQ580 - G856/UG856 - R988/UR988 FIR BRAZZAVILLE
VOPLA	03°51'24.20"N 017°17'43.30"E	BANGUI vers LIBREVILLE
VOPSI	14°51'29.40"N 005°03'53.76"E	IAF TAHOUA
VOPUL	13°36'23.24"N 007°18'47.11"E	IAF MARADI
VORAX	04°32'16"S 013°34'38"E	B732 T/R limite TMA BRAZZAVILLE
VORDA	13°54'41.51"N 014°06'05.28"E	UT237 - UG619

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
VORET	01°03'48"S 008°09'17"E	UQ559
VORIS	00°23'16.20"N 009°35'52.80"E	
VORUT	04°00'00"N 004°52'22"W	
VOSGA	01°55'27"N 004°08'38"W	
VOSIP	13°04'59.65"N 000°52'25.79"E	UQ594 - UM629 - UG854 UTA NIAMEY NIGER
VOSLA	17°47'55.57"N 014°35'00.66"W	
VOSLI	10°09'19"N 015°35'04"E	UQ589 - UW605 - UM731
VOSNU	20°43'35.78"N 005°28'35.78"W	UQ596 - UR866
VOTAB	14°45'48"N 014°37'45"W	UR620 - UM974
VOTEM	08°30'00"N 002°20'30"E	UA608 TMA COTONOU
VOTIS	16°48'54.51"N 007°50'33.04"E	IAF AGADEZ RNP RWY 07L
VOTUR	04°18'15"N 017°09'26"E	UM731 - UR984
VOVIK	09°29'15.07"N 018°44'00.80"E	UT325 - UB736
VOXIL	13°49'42.03"N 001°55'50.43"E	
VOXIR	05°55'52.11"N 005°21'17.98"W	UQ592 - UB729 Dakar FIR - Abidjan
XUKON	14°45'40.80"N 013°34'27.80"W	UB728 - UM974
XULAK	12°10'30"N 021°20'51"E	UM215 - UW605 - UG655
XULED	00°45'33.24"S 008°00'19.80"E	UQ558 IAF FOOL SID-RNAV16
XUMIL	18°34'04"N 001°44'39"W	UM104 - UA614 - UR981
XUPAM	08°43'47.16"N 019°42'59.09"E	UT325 - UQ584
XURIK	24°53'29"S 047°19'58"E	UA402 - UG652
XURUT	02°00'00"S 006°35'00"E	UQ558
ZANOUE	06°32'50"N 003°29'36"W	G859 T/R Limite TMA ABIDJAN
ZAWAT	19°00'09"N 003°32'51"E	UM114
ZIMOG	20°09'13.44"N 000°45'11.32"E	IAF TESSALIT



ENR 4 AIDES ET SYSTÈMES DE RADIONAVIGATIONS

RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 AIDES DE RADIO NAVIGATION DE ROUTE

RADIO NAVIGATION AIDS - EN-ROUTE

NOM et TYPE de la Station/Déclinaison Name of station Magnetic Variation	IDENTIFICATION ID	FRÉQUENCE (MHZ-KHZ) Frequency	HEURES DE SERVICE Hours of Operation	COORDONNÉES Coordinates	ALTITUDE DE L'ANTENNE Antenna elevation	OBSERVATIONS Remarks
1	2	3	4	5	6	7
ANKAZOBE NDB 14°W (2015)	TN	385 kHz	SEM : 0300-1600 avance ou prolongation selon trafic (1)	18°18'57.80"S 047°06'49.60"E	1245M (4085FT)	P : 100 W (1) DIM et JF selon trafic sur initiative de FMMMZIZX ou O/R à FMMMZIZX la veille avant 1500. ASECNA
ANTANANARIVO / IVATO VOR-DME 15°W (2020)	TNV	115.1 MHz Ch 98X	H24	18°48'12"S 047°31'07.20"E	1260M (4134FT)	P.VOR : 50 W P.DME : 1 KW ASECNA
ANTSIRANANA / ARRACHART NDB 9°W (2020)	DO	390 kHz	H24	12°20'46.80"S 049°17'22"E		P : 100 W 385 M THR 13 QDR 114° ADEMA
MAHAJANGA VOR-DME 11°W (2020)	MG	112.5 MHz Ch 72X	H24	15°39'27"S 046°20'26.40"E	30M (98FT)	P.VOR : 50 W P.DME : 1 KW 497 M THR14 QDR 322° ASECNA
MAROMAMY NDB 15°W (2015)	MMY	267 kHz	SEM : 0300-1500 avance ou prolongation selon trafic (1)	18°48'17"S 049°01'55"E (*)	46M (151FT)	P : 100 W (1) DIM et JF selon trafic sur initiative de FMMMZIZX ou O/R à FMMMZIZX la veille avant 1500. ASECNA
MORAMANGA NDB 15°W (2015)	TE	371 kHz	SEM : 0300-1600 avance ou prolongation selon trafic (1)	18°57'08.10"S 048°13'32.50"E	924M (3031FT)	P : 100 W (1) DIM et JF selon trafic sur initiative de FMMMZIZX ou O/R à FMMMZIZX la veille avant 1500 ASECNA
MORONDAVA NDB 16°W (2020)	VSO	397 kHz	H24	20°17'15.50"S 044°19'01.90"E		P : 200 W QDR 200° 360 M intersection axes des pistes ADEMA
SAMBAVA DME	SB	Ch 82X	H24	14°16'42.10"S 050°10'36.20"E		P : 100 W ADEMA
SAMBAVA NDB 11°W (2020)	SA	376 kHz	H24	14°16'43.30"S 050°10'37.90"E		P : 100 W 350 M seuil 16 QDR 102° ADEMA
SOAVINANDRIANA NDB 15°W (2015)	TW	350 kHz	SEM : 0300-1500 avance ou prolongation selon trafic (1)	19°10'20"S 046°44'07"E (*)	1573M (5161FT)	P : 100 W (1) DIM et JF selon trafic sur initiative de FMMMZIZX ou O/R à FMMMZIZX la veille avant 1500 ADEMA
TOAMASINA VOR 15°W (2020)	MT	113.1 MHz	H24	18°07'27.30"S 049°23'39.30"E	11M (36FT)	P. VOR : 50 W 535 M Seuil 01 - QDR 189° ASECNA

NOM et TYPE de la Station/Déclinaison Name of station Magnetic Variation	IDENTIFICATION ID	FRÉQUENCE (MHZ-KHZ) Frequency	HEURES DE SERVICE Hours of Operation	COORDONNÉES Coordinates	ALTITUDE DE L'ANTENNE Antenna elevation	OBSERVATIONS Remarks
1	2	3	4	5	6	7
TOLAGNARO DME	FDN	Ch 100X	H24	25°02'15.60"S 046°57'11"E	30M (98FT)	P : 100 W Inutilisable entre 011° et 061° Unserviceable between 011° / 061° 24°W (2020) ADEMA
TOLAGNARO NDB 24°W (2020)	VSP	282 kHz	H24	25°02'17.30"S 046°57'11.80"E		P : 200 W 255 M ARP QDR 301° ADEMA
TOLIARY VOR-DME 21°W (2020)	TU	114.5 MHz Ch 92X	H24	23°23'28.23"S 043°43'19.17"E	13M (43FT)	P : 100 W ADEMA



FMNN — AD 2.5 SERVICES AUX PASSAGERS
PASSENGER FACILITIES

1	Hôtels / <i>Hotels</i>	En ville et plage (environ 150 chambres)	In city and beach (about 150 rooms)
2	Restaurants / <i>Restaurants</i>	Buffet bar sur l'aéroport et plusieurs restaurants en ville et en plage	Buffet bar at the AD and several restaurants in the city and on beach
3	Moyens de transport / <i>Transportation facilities</i>	Taxis - Cars des hôtels - Location de voitures O/R	Taxis - hotels buses - cars rental O/R
4	Services médicaux / <i>Medical facilities</i>	1 Hôpital et 11 centres de santé, dans un rayon de 10 km autour de l'aéroport	1 Hospital and 11 health centers, within a radius of 10 km around airport
5	Services bancaires et postaux <i>Bank and Post Office</i>	En ville. Ouverture pendant les heures de service	In the city. Open during hours of service
6	Services d'information touristique <i>Tourist office</i>	Bureau en ville	Office in the city
7	Observations / <i>Remarks</i>	NIL	

FMNN — AD 2.6 SERVICES DE SAUVETAGE ET DE LUTTE CONTRE L'INCENDIE
RESCUE AND FIRE FIGHTING SERVICES

1	Catégorie de l'aérodrome pour la lutte contre l'incendie / <i>AD category for fire fighting</i>	Niveau de protection assuré : 8 HJ - HN O/R	Ensured protection level: 8
2	Équipement de sauvetage <i>Rescue Equipment</i>	Matériel de sauvetage répondant au niveau de protection 8.	Rescue equipment satisfying the ensured protection level 8.
3	Moyens d'enlèvement des aéronefs accidentellement immobilisés <i>Capability for removal of disabled aircraft</i>	Chaque compagnie aérienne dispose de protocole d'accord avec les compagnies de levage. Coordonnateur / Coordinator: GSM : +(261) 34 49 334 15 E-mail : miary.rasamoely@ravinala-airports.aero	Each airline company has protocol of agreement with the lifting companies.
4	Observations / <i>Remarks</i>	Chaque compagnie aérienne a son propre plan d'enlèvement. Toutefois, le camion SSLI (VIMP) de ADEMA pourrait servir de moyen d'enlèvement en cas de demande de l'exploitant de l'aéronef accidentellement immobilisé selon la possibilité de faisabilité de l'opération afin de limiter la durée de non utilisation de la piste (levée NOTAM). A noter que l'enlèvement ne pourra se faire qu'après constat effectué par l'Autorité compétente. Véhicules incendie / Fire fighting Vehicles: 1 FLYCO 4 x 4 - 50 KG poudre 1 VIMP 9000 L eau + 1200 L émulseur + 250 KG poudre 1 VIMP 9000 L eau + 1100 L émulseur + 250 KG poudre 1 VIMP 4000 L eau + 400 L émulseur + 250 KG poudre	Each company has its own removal plan. However, the truck (VIMP) of ADEMA could used as removal means when a request is done by the operator of the ACFT that is accidentally disabled according to the possibility of the operation in order to limit the non use duration of the RWY. It is remarked that the removal could done only after the report is made by the Authority.

FMNN — AD 2.7 DISPONIBILITÉS SAISONNIÈRES - DÉNEIGEMENT
SEASONAL AVAILABILITY - CLEARING

1	Type d'équipements <i>Type of clearing equipment</i>	NIL
2	Priorité de déneigement <i>Clearance priority</i>	NIL
3	Observations / <i>Remarks</i>	NIL

FMNN — AD 2.8 AIRES DE TRAFIC, VOIES DE CIRCULATION ET EMPLACEMENTS DE VÉRIFICATION
APRONS, TAXIWAYS AND CHECK LOCATIONS

1	Surface de l'aire de trafic <i>Apron surface</i>	AST : Béton bitumineux / Asphaltic concrete
	Résistance de l'aire de trafic <i>Apron strength</i>	AST : PCN 146/F/B/X/T
2	Largeur des voies de circulation <i>TWY width</i>	TWY E : 22 M TWY W : 30 M
	Surface des voies de circulation <i>TWY surface</i>	TWY E : Béton bitumineux / Asphaltic concrete TWY W : Béton bitumineux / Asphaltic concrete
	Résistance des voies de circulation <i>TWY strength</i>	TWY E : PCN 147/F/B/X/T TWY W : PCN 161/F/B/X/T
3	Position et altitude des emplacements de vérification des altimètres <i>Altimeter check location (ACL) and elevation</i>	Poste 01 : 13°19'06.68"S 048°18'35.29"E - 8 M (28 FT) Poste 1A : 13°19'07.68"S 048°18'35.74"E - 9 M (29 FT) Poste 1B : 13°19'06.97"S 048°18'35.70"E - 9 M (28 FT) Poste 1C : 13°19'06.81"S 048°18'35.70"E - 8 M (28 FT) Poste 02 : 13°19'06.55"S 048°18'36.81"E - 9 M (28 FT) Poste 03 : 13°19'04.25"S 048°18'38.82"E - 9 M (28 FT) Poste 3A : 13°19'05.36"S 048°18'38.98"E - 9 M (28 FT) Poste 04 : 13°19'05.33"S 048°18'38.54"E - 9 M (29 FT) Poste 11 : 13°19'08.28"S 048°18'35.71"E - 9 M (29 FT) Poste 12 : 13°19'07.88"S 048°18'35.28"E - 9 M (29 FT) Poste 13 : 13°19'07.47"S 048°18'34.84"E - 9 M (28 FT)
4	Emplacement des points de vérification VOR <i>VOR check points</i>	Intersection barre d'arrêt et axe TWY W - VOR 234.17° DME 1.11 NM Intersection of stop bar and TWY W axis 13°19'06.20"S - 048°18'35.00"E Intersection barre d'arrêt et axe TWY E - VOR 234.07° DME 1.04 NM Intersection of stop bar and TWY E axis 13°19'02.60"S - 048°18'38.80"E
5	Points de vérification INS <i>INS checkpoints</i>	INS 01 - 13°19'06.68"S 048°18'35.29"E - 28 FT
6	Observations / Remarks	Demi-tour complet interdit sur la piste pour les aéronefs d'un poids supérieur au DHC 6. Le demi-tour doit être effectué sur les aires de demi-tour situées aux extrémités de piste. Virage à grand rayon recommandé pour les aéronefs d'un poids supérieur au DHC 6 Dimensions de l'aire de trafic : 149 m x 71 m Complete U-turn on runway prohibited for ACFT superior to DHC 6 weight. U-turn must be done at the turn-around areas located at the ends of the runway. Wide turn recommended for ACFT superior to DHC 6 weight APN Dimensions : 149 m x 71 m

FMNN — AD 2.9 GUIDAGE ET CONTRÔLE DES MOUVEMENTS À LA SURFACE ET BALISAGE
SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING

1	Panneaux d'identification des poste de stationnement d'aéronef <i>Use of aircraft stands ID signs</i>	Lignes de guidage au sol jusqu'aux postes	Ground guidance lines until ACFT stands
	Lignes de guidage TWY <i>TWY guide lines</i>	Lignes de guidage continues	Continuous guidance lines
	Systèmes de guidage pour l'accostage des aéronefs <i>Visual docking/parking guidance system</i>	NIL	
2	Balisage et feux des RWY et TWY Marquage et balisage lumineux des pistes et des voies de circulation <i>RWY and TWY markings and lightings</i>	RWY : Feux blancs LIH et jaunes clairs sur les 600 derniers mètres Aires de demi-tour : Feux bleus LIL TWY : Feux bleus LIL	RWY : White lights LIH and yellow on the last 600 meters Turn-around areas : Blue lights LIL TWY : Blue lights LIL
3	Barres d'arrêt <i>Stop bars</i>	Point d'attente sur les TWY	Holding point on TWY
4	Observations / Remarks	NIL	



FMNA — AD 2.11 RENSEIGNEMENTS MÉTÉOROLOGIQUES FOURNIS
METEOROLOGICAL INFORMATION PROVIDED

1	Centre météorologique associé à l'aérodrome <i>Associated MET Office</i>	Station Météorologique d'ANTSIRANANA	
2	Heures de service / <i>Hours of service</i>	HS et O/R	HS and O/R
	Centre météorologique responsable en dehors de ces heures <i>MET Office outside hours of service</i>	CVM ANTANANARIVO/Ivato	
3	Centre responsable de la préparation des TAF et périodes de validité des prévisions <i>Office responsible for TAF preparation and period of validity</i>	CVM ANTANANARIVO/Ivato	
	(à remonter) Période de validité <i>Validity period</i>	NIL	
4	Type de prévision d'atterrissage disponibles et intervalle de publication <i>Type of landing forecast / Interval of issuance</i>	TREND Renseignements sur la visibilité, nuages et plafond	TREND Information on visibility, cloud and ceiling
	(à remonter) Périodicité <i>Interval of issuance</i>	NIL	
5	Exposés verbaux / consultations assurés <i>Briefing / consultation provided</i>	P, T	
6	Documentation de vol <i>Flight documentation</i>	Textes abrégés en langage clair	Abbreviated plain language texts (PL)
	Langue utilisée <i>Language used</i>	Français (Fr), Anglais (En)	
7	Cartes, autres informations <i>Charts, other information</i>	NIL	
8	Équipement complémentaire <i>Supplementary equipment</i>	Équipements parc Météo, BLU, RSFTA (AFTN)	
9	Organismes ATS desservis <i>ATS units served</i>	TWR	
10	Informations complémentaires <i>Additional information</i>	La protection de la navigation aérienne est procurée par le CVM d'Antananarivo/Ivato auprès duquel les demandes de protection au départ doivent être formulées avec un préavis minimum de 4 Heures.	Air navigation protection is provided by ANTANANARIVO/Ivato MWO with which air protection request at the departure AD must be formulated with a minimum notice of 4 Hours.

FMNA — AD 2.12 CARACTÉRISTIQUES PHYSIQUES DES PISTES
RUNWAY PHYSICAL CHARACTERISTICS

Numéro de piste RWY NR	Relèvements VRAI et MAG <i>True and Mag Bearing</i>	Dimensions des RWY (M) <i>Dimensions of RWY (M)</i>	Résistance (PCN) et revêtement des RWY et SWY <i>Strength (PCN) and surface of RWY and SWY</i>	Coordonnées du seuil <i>Threshold THR Coordinates</i>	Altitude du seuil et du point le plus élevé de la TDZ <i>THR elevation and highest elevation of TDZ of precision RWY</i>
1	2	3	4	5	6
13	123.69° VRAI 133° MAG	1500 x 30	28.2 / F / B / X / T Béton bitumineux / Asphaltic concrete	12°20'44.26"S 049°17'09.33"E ----- GUND -21 M	THR : 94M / 308.4FT
31	303.69° VRAI 313° MAG	1500 x 30	28.2 / F / B / X / T Béton bitumineux / Asphaltic concrete	12°21'11.55"S 049°17'50.95"E ----- GUND -21 M	THR : 114M / 374FT TDZ : 114M / 374FT
Pente de RWY/SWY <i>RWY/SWY Slope</i>	Dimensions PA (M) SWY <i>dimensions</i>	Dimensions des PD (M) CWY <i>Dimensions</i>	Dimensions de la bande (M) <i>Strip Dimensions</i>	Zone dégagée d'obstacle <i>Obstacle free zone (OFZ)</i>	Observations <i>Remarks</i>
7	8	9	10	11	12
1.33 %	NIL	25 x 150	1620 x 150	NIL	PAPI situé à 300 M THR 13
1.33 %	NIL	25 x 150	1620 x 150	NIL	NIL

FMNA — AD 2.13 DISTANCES DÉCLARÉES
DECLARED DISTANCES

Désignation de la piste RWY NR	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Observations <i>Remarks</i>
1	2	3	4	5	6
13	1500	1525	1500	1500	PD = 25M CWY = 25M
31	1500	1525	1500	1500	PD = 25M CWY = 25M



FMNA — AD 2.19 AIDES DE RADIONAVIGATION ET D'ATTERRISSAGE
RADIO NAVIGATION AND LANDING AIDS

Type d'Aide/Déclinaison <i>Type of Aid/Magnetic Variation</i>	Identification <i>Identification</i>	Fréquences (MHZ-KHZ) <i>Frequency</i>	Heures de fonctionnement <i>Hours of operation</i>	Coordonnées antenne émission <i>Site of antenna coordinates</i>	Altitude de l'antenne <i>Elevation of DME antenna</i>	Observations <i>Remarks</i>
1	2	3	4	5	6	7
NDB 9°W (2020)	DO	390 kHz	H24	12°20'46.80"S 049°17'22.00"E		P : 100 W 385 M THR 13 QDR 114° ADEMA

FMNA — AD 2.20 REGLEMENT LOCAUX DE L'AERODROME
LOCAL REGULATIONS OF THE AERODROME

ESPACE AERIEN ATS / ATS AIRSPACE

1	Désignation et limites latérales <i>Designation and lateral limits</i>	Zone d'information de vol (FIZ) Cercle de 25NM centré sur le NDB 'DO'	<i>Flight Information Zone (FIZ)</i> <i>Circle of 25 NM radius centred on the NDB "DO"</i>
2	Limites verticales / <i>Vertical limits</i>	7000 FT MSL / GND	
3	Classification de l'espace aérien <i>Airspace classification</i>	G	
4	Indicatif d'appel et langues de l'organe ATS <i>ATS unit call sign/Languages</i>	ANTSIRANANA TWR Langues: Français - Anglais	ANTSIRANANA TWR Langage: French - English
5	Altitude de transition / <i>Transition altitude</i>	3000 FT	
6	Observations / <i>Remarks</i>	NIL	
Tour de piste obligatoire aux aéronefs non munis de radiocommunications bilatérales ou n'ayant pu établir de contact radio avant l'atterrissage.		AD traffic circuit obligatory for ACFT not equipped with bilateral radio communications or ACFT not able to have radio communications before landing.	

FMNA — AD 2.21 PROCEDURES ANTIBRUIT
ANTI NOISE PROCEDURES

NIL

FMNA — AD 2.22 PROCEDURES DE VOL
FLIGHT PROCEDURES

NIL

FMNA — AD 2.23 RENSEIGNEMENTS SUPPLEMENTAIRES
ADDITIONAL INFORMATION

A cause des concentrations d'oiseaux aux alentours de la piste 13/31, la prudence est recommandée pendant l'atterrissage et le décollage. Le DME 'DI' CH58X est hors service jusqu'à nouvel avis.	Due to bird concentrations around RWY 13/31, caution is advised during the landing and the take-off. The 'DI' CH58X DME is unserviceable until further notice
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FMNA — AD 2.24 CARTES RELATIVES A L'AERODROME
AERODROME CHART

Voir Partie 3.2 - Cartes relatives aux aérodromes

See Part 3.2 - Charts related to aerodromes



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

FMMS — AD 2.14 DISPOSITIF LUMINEUX D'APPROCHE ET BALISAGE LUMINEUX DE PISTE
APPROACH AND RUNWAY LIGHTING

Désignation de la piste <i>RWY Designator</i>	Type et intensité du balisage lumineux d'approche <i>Approach lighting type, length intensity</i>	Couleur des feux de seuil et barres <i>THR Lights colour wing bar lights WBAR</i>	PAPI Position/Pente <i>Location/Slope MEHT (FT)</i>	Zone de toucher des roues <i>TDZ, LGT, length</i>
1	2	3	4	5
01	NIL	NIL	Gauche / Left 3°	NIL
19	NIL	NIL	Gauche / Left 3°	NIL
Longueur, espacement couleur des feux d'axe de piste <i>RWY centre line, length, spacing, colour, intensity</i>	Longueur, espacement couleur des feux de bord de piste <i>RWY edge lights, length, spacing, colour, intensity</i>	Couleur des feux d'extrémité de piste <i>RWY end lights, LEN, spacing, colour, intensity</i>	Longueur, couleur des feux de prolongement d'arrêt <i>SWY lights length colour</i>	Observations <i>Remarks</i>
6	7	8	9	10
NIL	NIL	NIL	NIL	PAPI 01 and PAPI 19 O/R 12 HR before landing/Take-off at FMMS
NIL	NIL	NIL	NIL	

FMMS — AD 2.15 AUTRES DISPOSITIFS LUMINEUX, ALIMENTATION AUXILIAIRE
OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Emplacement, caractéristique et heures de fonctionnement des phares d'aérodrome/ d'identification / ABN/IBN location, characteristics and hours of operation	NIL NIL	
2	Emplacement et éclairage de l'anémomètre/ <i>Anemometer location and lighting</i> Indicateur de sens d'atterrissage <i>LDI location and lighting</i>	Anémomètre (non éclairé) installé sur pylône au parc MET. 1 manche à air (non éclairé) à environ 280M du seuil 19 côté droit (17°05'32.2"S 049°48'54.2"E).	Anemometer (unlighted) installed on pylon at MET park. 1 windsock (unlighted) at about 280M from THR 19 Right side (17°05'32.2"S 049°48'54.2"E).
3	Feux de bord de voies de circulation et feux axiaux de voies de circulation <i>TWY edge and centre line lighting</i>	NIL NIL	
4	Alimentation électrique auxiliaire/ délai de commutation <i>Secondary power supply / switch-over time</i>	Alimentation secourue par 2 groupes électrogènes de 100 KVA Temps de commutation: moins de 10 secondes	Stand-by power provided by 2 diesel power generators of 100 KVA. Switch-over time : less than 10s
5	Observations / Remarks	Toutes les installations sont secourues. PAPI 01 et PAPI 19 sont alimentés par un groupe électrogène autonome de 7KVA.	All facilities are powered with APU. PAPI 01 and PAPI 19 are powered by 1 diesel power generator of 7KVA.

FMMS — AD 2.16 AIRE D'ATTERRISSAGE D'HÉLICOPTÈRES
HELICOPTER LANDING AREA

1	Coordonnées TLOF ou THR de la FATO <i>Coordinates TLOF or THR of FATO</i> Ondulation du Géoïde / <i>Geoid undulation</i>	NIL
2	Altitude TLOF/FATO (M/Ft) <i>TLOF and FATO elevation (M/Ft)</i>	NIL
3	TLOF + FATO : Aire, dimensions, revêtement, résistance, balisage <i>TLOF and FATO area dimensions, surface, strength, marking</i>	NIL NIL NIL NIL
4	Relèvements vrai et magnétique de la FATO <i>True and magnetic bearing of FATO</i>	NIL
5	Distances déclarées disponibles <i>Declared distances available</i>	NIL
6	Dispositif lumineux d'approche et de FATO <i>Approach and FATO lighting</i>	NIL NIL NIL
7	Observations / <i>Remarks</i>	NIL

FMMS — AD 2.17 ESPACE AÉRIEN ATS
ATS AIRSPACE

Désignation et limites latérales <i>Designation and laterals limits</i>	Limites verticales <i>Vertical limits</i>	Classification de l'espace aérien <i>Airspace classification</i>	Indicatif d'appel et langues de l'organe <i>ATS unit call sign/Languages</i>	Altitude de transition <i>Transition altitude</i>	Observations <i>Remarks</i>
1	2	3	4	5	6
NIL	NIL	NIL	NIL	3500 FT	NIL

FMMS — AD 2.18 INSTALLATIONS DE TÉLÉCOMMUNICATION DES SERVICES
DE LA CIRCULATION AÉRIENNE
ATS RADIOCOMMUNICATION FACILITIES

Désignation du service <i>Service designation</i>	Indicatif d'appel <i>Call sign</i>	Fréquences (MHZ - KHZ) <i>Frequency</i>	Heure de fonctionnement <i>Hours of operation</i>	Observations <i>Remarks</i>
1	2	3	4	5
AFIS	SAINTE MARIE INFORMATION	120.3 MHz	0300-1500 UTC	O/R PN 03HR TO FMMSZIX FMMSYDYX
OTHER	SAINTE-MARIE RADIO	5484 KHz	0300-1500 UTC	O/P PN 03HR TO FMMSZIX FMMSYDYX



FMMS — AD 2.19 AIDES DE RADIONAVIGATION ET D'ATTERRISSAGE
RADIO NAVIGATION AND LANDING AIDS

Type d'Aide/Déclinaison <i>Type of Aid/Magnetic Variation</i>	Identification <i>Identification</i>	Fréquences (MHZ-KHZ) <i>Frequency</i>	Heures de fonctionnement <i>Hours of operation</i>	Coordonnées antenne émission <i>Site of antenna coordinates</i>	Altitude de l'antenne <i>Elevation of DME antenna</i>	Observations <i>Remarks</i>
1	2	3	4	5	6	7
NDB 14°W (2020)	SM	290 kHz	H24	17°05'27.90"S 049°48'52.90"E		P : 100 W 122 M THR 19 QDR 079° ADEMA

FMMS — AD 2.20 REGLEMENT LOCAUX DE L'AERODROME
LOCAL REGULATIONS OF THE AERODROME

ESPACE AERIEN ATS / ATS AIRSPACE	
1 Désignation et limites latérales <i>Designation and lateral limits</i>	Zone d'information de vol (FIZ) Sainte-Marie) Cercle de 20NM centré sur le NDB 'SM' "SM"
2 Limites verticales / <i>Vertical limits</i>	2000FT (600M) GND-MSL
3 Classification de l'espace aérien <i>Airspace classification</i>	G
4 Indicatif d'appel et langues de l'organe ATS <i>ATS unit call sign/Languages</i>	SAINTE-MARIE INFO Langues: Français - Anglais SAINTE-MARIE INFO Langage: French - English
5 Altitude de transition / <i>Transition altitude</i>	3500 FT
6 Observations / <i>Remarks</i>	NIL

Demi-tour complet interdit sur la piste pour les aéronefs d'un poids supérieur à 5700Kg. Le demi-tour doit être effectué sur les aires de demi-tour situées aux extrémités de piste. Virage à grand rayon recommandé pour les aéronefs d'un poids supérieur au DHC 6.

Tour de piste obligatoire aux aéronefs non munis de radiocommunications bilatérales ou n'ayant pu établir de contact radio avec avant l'atterrissage.

Atterrissage piste 19 : circuit toujours par la droite si conditions VMC.

Complete U-turn on runway prohibited for ACFT heavier than 5700KG. U-turn must be done at the turn pads located at the ends of the runway. Wide turn recommended for ACFT heavier than DHC 6 weight.

AD traffic circuit obligatory for ACFT not equipped with bilateral radio communications or ACFT not able to have radio communications before landing.

When RWY 19 landing, the circuit is always on right in case of VMC condition.

FMMS — AD 2.21 PROCEDURES ANTIBRUIT
ANTI NOISE PROCEDURES

NIL

FMMS — AD 2.22 PROCEDURES DE VOL
FLIGHT PROCEDURES

NIL

FMMS — AD 2.23 RENSEIGNEMENTS SUPPLEMENTAIRES
ADDITIONAL INFORMATION

A cause des concentrations d'oiseaux aux alentours de la piste 01/19, la prudence est recommandée pendant l'atterrissage et le décollage.

Due to bird concentrations around RWY 01/19, caution is advised during the landing and the take-off.

FMMS — AD 2.24 CARTES RELATIVES A L'AERODROME
AERODROME CHART

Voir Partie 3.2 - Cartes relatives aux aérodomes

See Part 3.2 - Charts related to aerodromes



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

GAGO — AD 2.14 DISPOSITIF LUMINEUX D'APPROCHE ET BALISAGE LUMINEUX DE PISTE
APPROACH AND RUNWAY LIGHTING

Désignation de la piste <i>RWY Designator</i>	Type et intensité du balisage lumineux d'approche <i>Approach lighting type, length intensity</i>	Couleur des feux de seuil et barres <i>THR Lights colour wing bar lights WBAR</i>	PAPI Position/Pente <i>Location/Slope MEHT (FT)</i>	Zone de toucher des roues <i>TDZ, LGT, length</i>
1	2	3	4	5
06L	NIL	Vert / Green - LIL	Gauche / Left 3°08	NIL Balisage diurne
24R	NIL	Vert / Green - LIL	Gauche / Left 2°51	NIL Balisage diurne
Longueur, espacement couleur des feux d'axe de piste <i>RWY centre line, length, spacing, colour, intensity</i>	Longueur, espacement couleur des feux de bord de piste <i>RWY edge lights, length, spacing, colour, intensity</i>	Couleur des feux d'extrémité de piste <i>RWY end lights, LEN, spacing, colour, intensity</i>	Longueur, couleur des feux de prolongement d'arrêt <i>SWY lights length colour</i>	Observations <i>Remarks</i>
6	7	8	9	10
NIL	2500 M - 60 M - Blanc / White	Rouge / Red - LIL	NIL	NIL
NIL	2500 M - 60 M - Blanc / White	Rouge / Red - LIL	NIL	NIL

GAGO — AD 2.15 AUTRES DISPOSITIFS LUMINEUX, ALIMENTATION AUXILIAIRE
OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Emplacement, caractéristique et heures de fonctionnement des phares d'aérodrome/ d'identification / ABN/IBN location, characteristics and hours of operation	NIL NIL
2	Emplacement et éclairage de l'anémomètre/ <i>Anemometer location and lighting</i> Indicateur de sens d'atterrissage <i>LDI location and lighting</i>	Anémomètre installé au parc MTO Anemometer installed in the MTO park Manche à air lumineuse Lighted windsock
3	Feux de bord de voies de circulation et feux axiaux de voies de circulation <i>TWY edge and centre line lighting</i>	Feux de voies de circulation : Bleus TWY edge lights : Blue Feux axiaux de voies de circulation : NIL TWY Centre line lights : NIL
4	Alimentation électrique auxiliaire/ délai de commutation <i>Secondary power supply / switch-over time</i>	Alimentation secours par 3 groupes de 60 KVA Stand-by power provided by 3 diesel power generators 60 KVA Temps de commutation : manuelle Switch-over time : manual
5	Observations / Remarks	Obstacles importants balisés de jour et de nuit High obstacles with day marking and night obstruction light

GAGO — AD 2.16 AIRE D'ATTERRISSAGE D'HÉLICOPTÈRES
HELICOPTER LANDING AREA

1	Coordonnées TLOF ou THR de la FATO <i>Coordinates TLOF or THR of FATO</i> Ondulation du Géoïde / <i>Geoid undulation</i>	NIL
2	Altitude TLOF/FATO (M/Ft) <i>TLOF and FATO elevation (M/Ft)</i>	NIL
3	TLOF + FATO : Aire, dimensions, revêtement, résistance, balisage <i>TLOF and FATO area dimensions, surface, strength, marking</i>	NIL NIL NIL NIL
4	Relèvements vrai et magnétique de la FATO <i>True and magnetic bearing of FATO</i>	NIL
5	Distances déclarées disponibles <i>Declared distances available</i>	NIL
6	Dispositif lumineux d'approche et de FATO <i>Approach and FATO lighting</i>	NIL NIL NIL
7	Observations / <i>Remarks</i>	NIL

GAGO — AD 2.17 ESPACE AÉRIEN ATS
ATS AIRSPACE

Désignation et limites latérales <i>Designation and laterals limits</i>	Limites verticales <i>Vertical limits</i>	Classification de l'espace aérien <i>Airspace classification</i>	Indicatif d'appel et langues de l'organe <i>ATS unit call sign/Languages</i>	Altitude de transition <i>Transition altitude</i>	Observations <i>Remarks</i>
1	2	3	4	5	6
CTR GAO Cercle de 15 NM de rayon centré sur BAKAB "BAKAB" 16°14'16.29"N - 000°01'35.40"W	900 M ASFC ----- SOL	D	GAO TOUR - Français (Fr) - Anglais (En)	2500 FT	
Demi-tour complet interdit sur la piste pour tout aéronef d'un poids supérieur à 40 Tonnes. Le demi-tour doit être effectué sur les raquettes prévues à cet effet. Circuit à droite QFU 06R ou 06L. Survol du camp militaire interdit.					
Complete U-turn on the runway prohibited for ACFT superior to 40 T weight. U-turn must be done on the turn-around areas provided to this effect. Right hand circuit for RWY 06R or 06L. Flying over the military camp prohibited					



GAMB — AD 2.14 DISPOSITIF LUMINEUX D'APPROCHE ET BALISAGE LUMINEUX DE PISTE
APPROACH AND RUNWAY LIGHTING

Désignation de la piste <i>RWY Designator</i>	Type et intensité du balisage lumineux d'approche <i>Approach lighting type, length intensity</i>	Couleur des feux de seuil et barres <i>THR Lights colour wing bar lights WBAR</i>	PAPI Position/Pente <i>Location/Slope MEHT (FT)</i>	Zone de toucher des roues <i>TDZ, LGT, length</i>
1	2	3	4	5
05	Ligne d'approche simplifiée - 420 M - LIL - avec barre de 150 M	verts et rouges Green and red	Gauche / Left 2°59	Marquage au sol
23	NIL	verts et rouges Green and red	Gauche / Left 2°58	NIL
Longueur, espacement couleur des feux d'axe de piste <i>RWY centre line, length, spacing, colour, intensity</i>	Longueur, espacement couleur des feux de bord de piste <i>RWY edge lights, length, spacing, colour, intensity</i>	Couleur des feux d'extrémité de piste <i>RWY end lights, LEN, spacing, colour, intensity</i>	Longueur, couleur des feux de prolongement d'arrêt <i>SWY lights length colour</i>	Observations <i>Remarks</i>
6	7	8	9	10
NIL	2540 M - 60 M - Blanc / White	Rouge / Red	Rouge / Red unidirectionnels	NIL
NIL	2540 M - 60 M - Blanc / White	Rouge / Red	Rouge / Red unidirectionnels	NIL

GAMB — AD 2.15 AUTRES DISPOSITIFS LUMINEUX, ALIMENTATION AUXILIAIRE
OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Emplacement, caractéristique et heures de fonctionnement des phares d'aérodrome/ d'identification / ABN/IBN location, characteristics and hours of operation	NIL NIL	
2	Emplacement et éclairage de l'anémomètre/ <i>Anemometer location and lighting</i> Indicateur de sens d'atterrissage <i>LDI location and lighting</i>	NIL Proximité seuil 05 et balise diurne Indicateur de vent à côté du taxiway côté piste 05	
3	Feux de bord de voies de circulation et feux axiaux de voies de circulation <i>TWY edge and centre line lighting</i>	Feux de bord de voies de circulation : Bleus 30 M	TWY edge lights : Blue lights 30 M
		Feux axiaux de voies de circulation : NIL	TWY Centre line lights : NIL
4	Alimentation électrique auxiliaire/ délai de commutation <i>Secondary power supply / switch-over time</i>	2 groupes électrogènes de 63 KVA (2 dans le manuel)	2 diesels power generators 63 KVA (Both of them in manual)
5	Observations / <i>Remarks</i>	NIL	

GAMB — AD 2.16 AIRE D'ATERRISSAGE D'HÉLICOPTÈRES
HELICOPTER LANDING AREA

1	Coordonnées TLOF ou THR de la FATO <i>Coordinates TLOF or THR of FATO</i> Ondulation du Géoïde / <i>Geoid undulation</i>	NIL
2	Altitude TLOF/FATO (M/Ft) <i>TLOF and FATO elevation (M/Ft)</i>	NIL
3	TLOF + FATO : Aire, dimensions, revêtement, résistance, balisage <i>TLOF and FATO area dimensions, surface, strength, marking</i>	NIL NIL NIL NIL
4	Relèvements vrai et magnétique de la FATO <i>True and magnetic bearing of FATO</i>	NIL
5	Distances déclarées disponibles <i>Declared distances available</i>	NIL
6	Dispositif lumineux d'approche et de FATO <i>Approach and FATO lighting</i>	NIL NIL NIL
7	Observations / <i>Remarks</i>	NIL

GAMB — AD 2.17 ESPACE AÉRIEN ATS
ATS AIRSPACE

Désignation et limites latérales <i>Designation and lateral limits</i>	Limites verticales <i>Vertical limits</i>	Classification de l'espace aérien <i>Airspace classification</i>	Indicatif d'appel et langues de l'organe <i>ATS unit call sign/Languages</i>	Altitude de transition <i>Transition altitude</i>	Observations <i>Remarks</i>
1	2	3	4	5	6
CTR MOPTI Cercle de 15 NM de rayon centré sur MOPTI VOR "MTI" 14°31'33.80"N - 004°03'53.00"W	900 M ASFC ----- SOL	D	MOPTI TOUR - Français (Fr) - Anglais (En)	3500 FT	
Aérodrome situé dans les FIR NIAMEY et DAKAR					

GAMB — AD 2.18 INSTALLATIONS DE TÉLÉCOMMUNICATION DES SERVICES
DE LA CIRCULATION AÉRIENNE
ATS RADIOCOMMUNICATION FACILITIES

Désignation du service <i>Service designation</i>	Indicatif d'appel <i>Call sign</i>	Fréquences (MHZ - KHZ) <i>Frequency</i>	Heure de fonctionnement <i>Hours of operation</i>	Observations <i>Remarks</i>
1	2	3	4	5
TWR	MOPTI TOUR	118.2 MHz	HS (0600-1800)- HN O/R avant 15H00 UTC à GABSYDYX et avant 17h00 à GAMBZPZX	P : 50 W

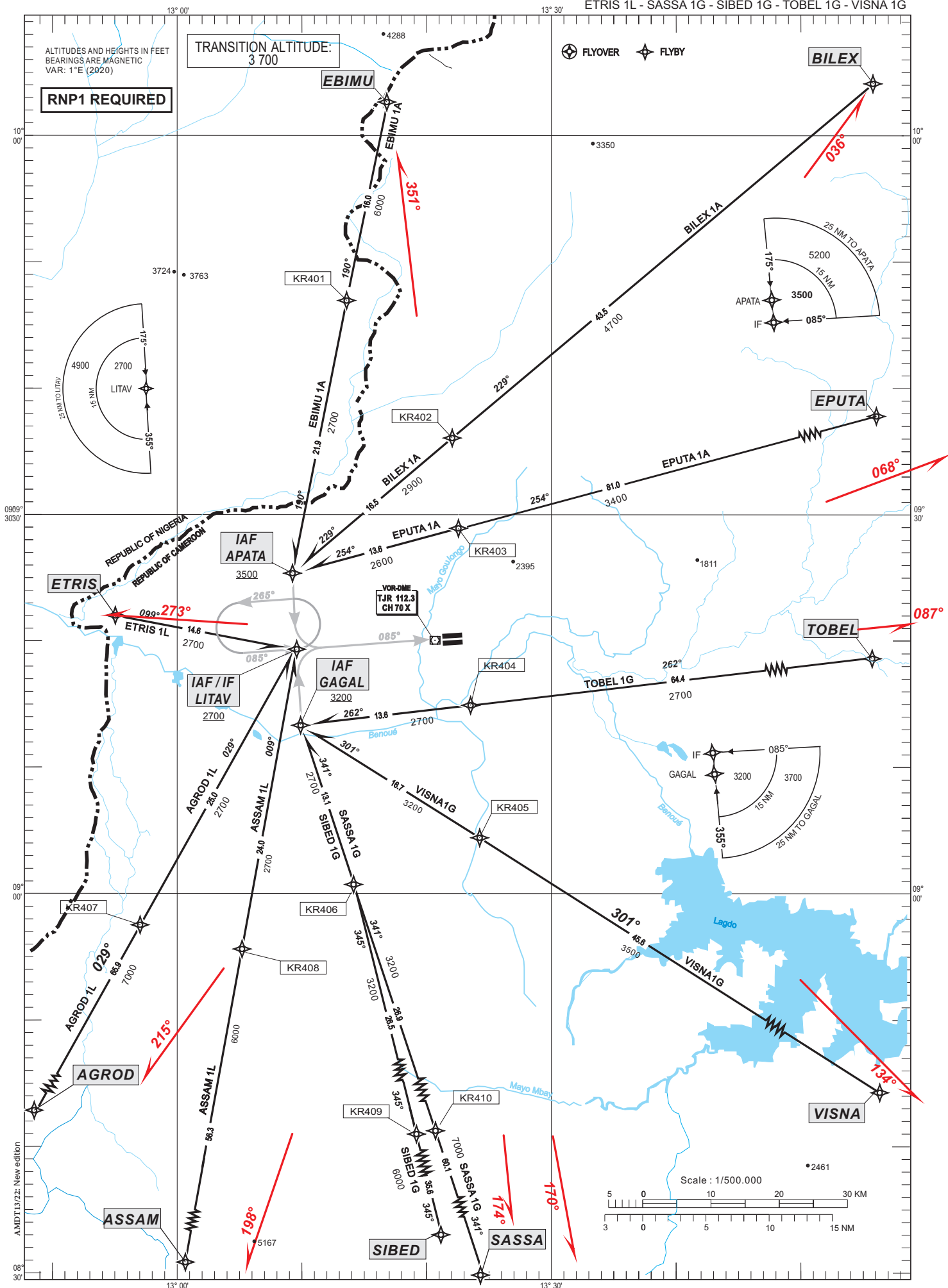


STANDARD ARRIVAL CHART - INSTRUMENT - ICAO

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
RWY 09

AGROD 1L - ASSAM 1L - BILEX 1A - EBIMU 1A - EPUTA 1A
ETRIS 1L - SASSA 1G - SIBED 1G - TOBEL 1G - VISNA 1G



TABULAR DESCRIPTION 1/2									
STAR indicator				EBIMU 1A			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	EBIMU							RNP1
20	TF	KR401		190(191.4)	16.0		+6000		RNP1
30	TF	APATA		190(191.4)	21.9		+3500		RNP1
STAR indicator				BILEX 1A			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	BILEX							RNP1
20	TF	KR402		229(230.1)	43.5		+4700		RNP1
30	TF	APATA		229(230.1)	16.5		+3500		RNP1
STAR indicator				EPUTA 1A			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	EPUTA							RNP1
20	TF	KR403		254(255.1)	81.0		+3500		RNP1
30	TF	APATA		254(255.1)	13.6		+3500		RNP1
STAR indicator				TOBEL 1G			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	TOBEL							RNP1
20	TF	KR404		262(263.4)	64.4		+3200		RNP1
30	TF	GAGAL		262(263.4)	13.6		+3200		RNP1
STAR indicator				VISNA 1G			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	VISNA							RNP1
20	TF	KR405		301(302.2)	45.6		+3500		RNP1
30	TF	GAGAL		301(302.2)	16.7		+3200		RNP1
STAR indicator				SASSA 1G			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	SASSA							RNP1
20	TF	KR410		341(341.7)	60.1		+7000		RNP1
30	TF	KR406		341(341.7)	26.9		+3200		RNP1
40	TF	GAGAL		340(341.3)	13.1		+3200		RNP1
STAR indicator				SIBED 1G			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	SIBED							RNP1
20	TF	KR409		345(345.7)	35.6		+6000		RNP1
30	TF	KR406		345(345.7)	26.5		+3200		RNP1
40	TF	GAGAL		340(341.3)	13.1		+3200		RNP1

TABULAR DESCRIPTION 2/2									
STAR indicator				ASSAM 1L			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	ASSAM							RNP1
20	TF	KR408		009(010.3)	56.3		+6000		RNP1
30	TF	LITAV		009(010.3)	24.0		+2700		RNP1

STAR indicator				AGROD 1L			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	AGROD							RNP1
20	TF	KR407		029(029.7)	65.9		+7000		RNP1
30	TF	LITAV		029(029.7)	25.0		+2700		RNP1

STAR indicator				ETRIS 1L			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	ETRIS							RNP1
20	TF	LITAV		099(100.0)	14.6		+2700		RNP1

N°	WAYPOINT ID	LATITUDE	LONGITUDE	Role
1	AGROD	08°00'02.74"N	012°24'07.59"E	BoA
2	APATA	09°25'22.13"N	013°09'10.79"E	IAF
3	ASSAM	08°00'02.02"N	012°54'59.81"E	BoA
4	BILEX	10°04'05.28"N	013°55'49.05"E	BoA
5	EBIMU	10°02'42.05"N	013°16'48.43"E	BoA
6	EPUTA	09°49'54.35"N	014°41'45.97"E	BoA
7	ETRIS	09°22'01.66"N	012°55'02.98"E	BoA
8	GAGAL	09°13'20.28"N	013°09'57.65"E	IAF
9	SASSA	07°37'51.90"N	013°41'43.20"E	BoA
10	KR401	09°46'56.99"N	013°13'35.12"E	AWP
12	KR402	09°36'04.01"N	013°22'02.95"E	AWP
13	KR403	09°28'55.06"N	013°22'32.85"E	AWP
14	KR404	09°14'54.85"N	013°23'31.29"E	AWP
15	KR405	09°04'25.84"N	013°24'15.01"E	AWP
16	KR406	09°00'50.78"N	013°14'13.48"E	AWP
17	KR407	08°57'32.83"N	012°57'01.71"E	AWP
18	KR408	08°55'38.11"N	013°05'12.09"E	AWP
19	KR409	08°35'03.76"N	013°20'53.86"E	AWP
20	KR410	08°35'12.49"N	013°22'43.64"E	AWP
21	LETNU	08°00'24.87"N	013°29'50.44"E	BoA
22	LITAV	09°19'21.21"N	013°09'34.23"E	IF/IAF
23	TOBEL	09°22'22.01"N	014°28'15.71"E	BoA
24	VISNA	08°40'00.00"N	014°03'11.00"E	BoA

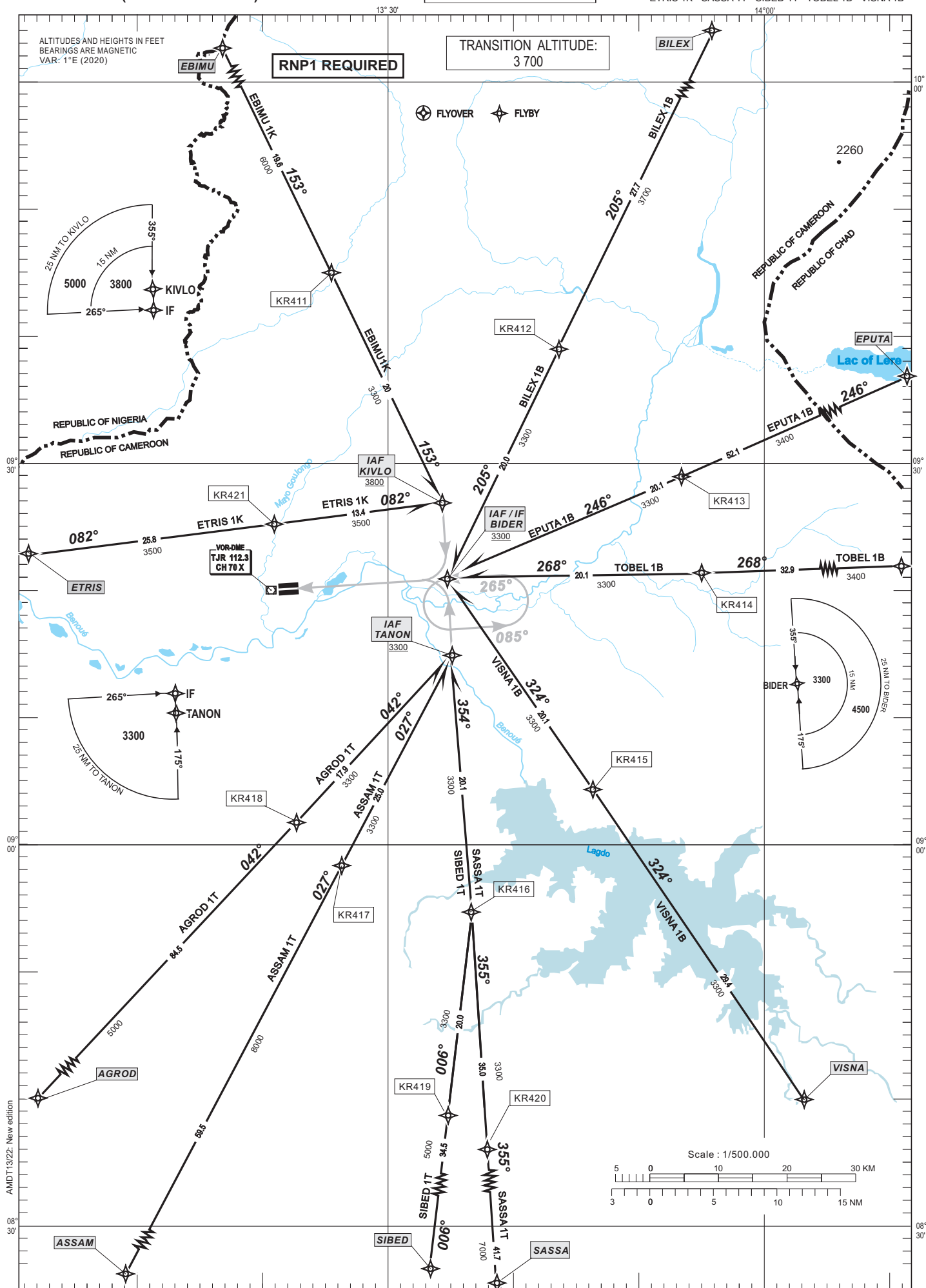
PAGE LAISSÉE INTENTIONNELLEMENT VIDE

STANDARD ARRIVAL CHART - INSTRUMENT (STAR RNAV GNSS)

APP : Provided by TWR
TWR : 118.3

**GAROUA (FKKR)
RWY 27**

AGROD 1T - ASSAM 1T - BILEX 1B - EBIMU 1K - EPUTA B
ETRIS 1K - SASSA 1T - SIBED 1T - TOBEL 1B - VISNA 1B



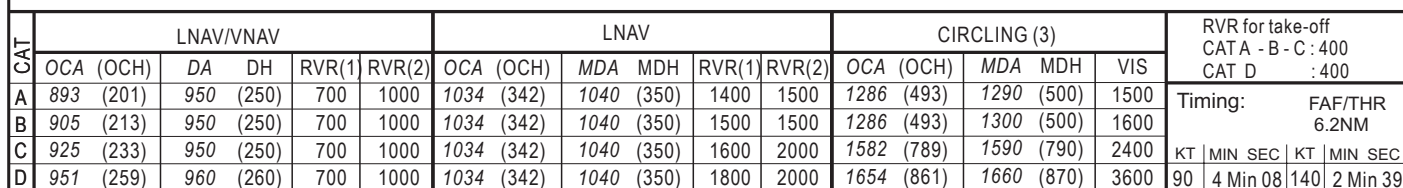
TABULAR DESCRIPTION 1/2									
STAR indicator				EBIMU 1K			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	EBIMU							RNP1
20	TF	KR411		153(154.0)	19.6		+6000		RNP1
30	TF	KIVLO		153(154.0)	20.0		+3800		RNP1
STAR indicator				BILEX 1B			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	BILEX							RNP1
20	TF	KR412		205(206.0)	27.7		+3700		RNP1
30	TF	BIDER		205(206.0)	20.0		+3300		RNP1
STAR indicator				EPUTA 1B			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	EPUTA							RNP1
20	TF	KR413		246(246.6)	52.1		+3400		RNP1
30	TF	BIDER		246(246.6)	20.1		+3300		RNP1
STAR indicator				TOBEL 1B			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	TOBEL							RNP1
20	TF	KR414		268(268.7)	32.9		+3400		RNP1
30	TF	BIDER		268(268.7)	20.1		+3300		RNP1
STAR indicator				VISNA 1B			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	VISNA							RNP1
20	TF	KR415		324(324.1)	29.4		+3500		RNP1
30	TF	BIDER		324(228.0)	20.1		+3300		RNP1
STAR indicator				SASSA 1T			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	SASSA							RNP1
20	TF	KR420		355(356.3)	41.7		+7000		RNP1
30	TF	KR416		355(356.3)	35.0		+3300		RNP1
40	TF	TANON		355(355.7)	20.1		+3300		RNP1
STAR indicator				SIBED 1T			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	SIBED							RNP1
20	TF	KR419		006(007.2)	34.5		+5000		RNP1
30	TF	KR416		006(007.2)	20.0		+3300		RNP1
40	TF	TANON		355(355.7)	20.1		+3300		RNP1

TABULAR DESCRIPTION 2/2									
STAR indicator				ASSAM 1T			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	ASSAM							RNP1
20	TF	KR417		027(028.1)	59.5		+8000		RNP1
30	TF	TANON		027(028.1)	25.0		+3300		RNP1
STAR indicator				AGROD 1T			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	AGROD							RNP1
20	TF	KR418		042(043.3)	84.5		+5000		RNP1
30	TF	TANON		042(043.3)	17.9		+3300		RNP1
STAR indicator				ETRIS 1K			VAR 2020 - 1.0 E		
Serial Number	Path Descriptor	Waypoint	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kt)	NAV Spec
10	IF	ETRIS							RNP1
20	TF	KR421		082(082.8)	25.8		+3800		RNP1
30	TF	KIVLO		082(082.8)	13.4		+3800		RNP1

N°	WAYPOINT ID	LATITUDE	LONGITUDE	Role
1	AGROD	08°00'02.74"N	012°24'07.59"E	BoA
2	ASSAM	08°00'02.02"N	012°54'59.81"E	BoA
3	BIDER	09°20'57.32"N	013°34'48.40"E	IF/IAF
4	BILEX	10°04'05.28"N	013°55'49.05"E	BoA
5	EBIMU	10°02'42.05"N	013°16'48.43"E	BoA
6	EPUTA	09°49'54.35"N	014°41'45.97"E	BoA
7	ETRIS	09°22'01.66"N	012°55'02.98"E	BoA
9	KIVLO	09°26'57.99"N	013°34'20.48"E	IAF
10	KR411	09°45'02.09"N	013°25'29.06"E	AWP
11	KR412	09°38'57.99"N	013°43'35.97"E	AWP
12	KR413	09°28'59.51"N	013°53'23.73"E	AWP
13	KR414	09°21'25.60"N	013°55'00.38"E	AWP
14	KR415	09°04'23.03"N	013°46'20.11"E	AWP
15	KR416	08°54'49.26"N	013°36'43.28"E	AWP
16	KR417	08°52'44.97"N	013°23'17.13"E	AWP
17	KR418	09°01'47.24"N	013°22'42.18"E	AWP
18	KR419	08°34'53.08"N	013°34'11.77"E	AWP
19	KR420	08°19'41.60"N	013°39'00.42"E	AWP
20	KR421	09°25'15.46"N	013°20'54.62"E	AWP
21	SASSA	07°37'51.90"N	013°41'43.20"E	BoA
22	TANON	09°14'56.09"N	013°35'06.78"E	IAF
23	TOBEL	09°22'22.01"N	014°28'15.71"E	BoA
24	VISNA	08°40'00.00"N	014°03'11.00"E	BoA
25	SIBED	08°00'24.87"N	013°29'50.44"E	BoA

PAGE LAISSÉE INTENTIONNELLEMENT VIDE

GAROUA (FKKR)
RNP RWY 09



Timing:		FAF/THR	
		6.2NM	
KT	MIN SEC	KT	MIN SEC
90	4 Min 08	140	2 Min 39
100	3 Min 43	150	2 Min 29
110	3 Min 23	160	2 Min 20
120	3 Min 06	170	2 Min 11
130	2 Min 52	180	2 Min 04

**INSTRUMENT
APPROACH CHART**
Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 09 ELEV: 692
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
RNP RWY 09

TABULAR DESCRIPTION

RNP RWY 09

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/TCH	Navigation Specification
10	IF	APATA	—	—	—	—	—	+ 3500	230	—	RNP APCH
20	TF	LITAV	—	175(176.3)	—	6.0	L	+ 2700	230	—	RNP APCH
10	IF	GAGAL	—	—	—	—	—	+ 3200	230	—	RNP APCH
20	TF	LITAV	—	355(356.3)	—	6.0	R	+ 2700	230	—	RNP APCH
10	IF	LITAV	—	—	—	—	—	+ 2700	230	—	RNP APCH
20	TF	KR501	—	085(086.3)	—	5.4	—	@2700	—	—	RNP APCH
30	TF	RW09	Y	085(086.3)	—	6.2	—	@742	—	-3/15	RNP APCH
40	TF	KR502	Y	085(086.3)	-1	5.0	R		230	—	RNP APCH
50	DF	GAGAL	—	—	—	—	—	+ 3200	230	—	RNP APCH

WAYPOINT LIST

RNP RWY 09

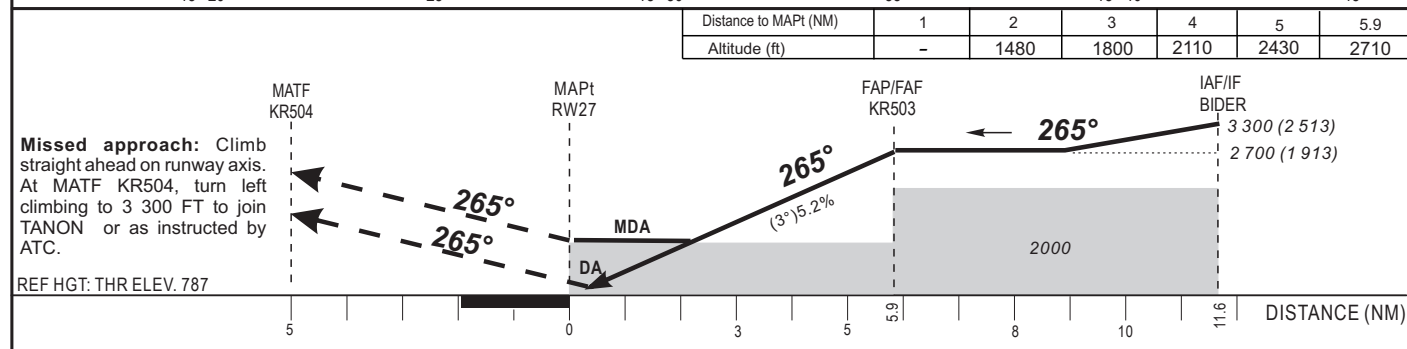
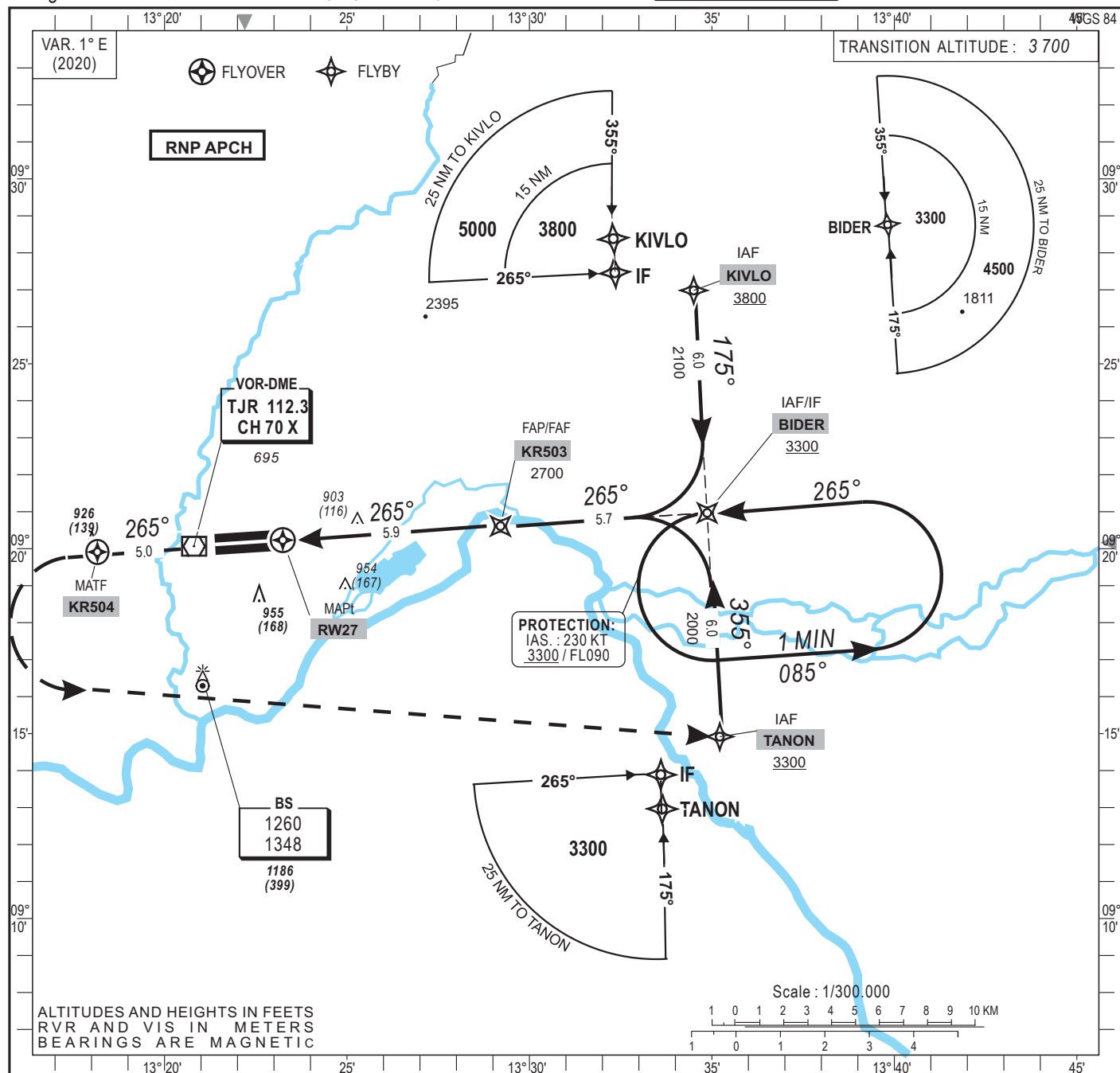
Waypoint Identifier	Coordinates		Role	Radial/dist. "TJR"
APATA	09°25'22.138"N	013°09'10.783"E	IAF	R294°/12.5NM
LITAV	09°19'21.208"N	013°09'34.225"E	IF/IAF	R265°/11NM
GAGAL	09°13'20.275"N	013°09'57.653"E	IAF	R237°/12.5NM
KR501	09°19'42.279"N	013°15'03.692"E	FAF/FAP	R265°/5.6NM
RW09	09°20'06.009"N	013°21'16.358"E	THR09	R085°/0.6NM
KR502	09°20'25.266"N	013°26'19.195"E	MATF	R085°/5.6NM

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 27 ELEV: 787
HEIGHTS RELATED TO THR RWY 27 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
RNP RWY 27



CAT	LNAV/VNAV				LNAV				CIRCLING (1)				RVR for take-off CAT A - B - C : 400 CAT D : 400	
	OCA (OCH)	DA	DH	RVR	OCA (OCH)	MDA	MDH	RVR	OCA (OCH)	MDA	MDH	VIS		
A	1074 (287)	1080 (290)	1200		1176 (389)	1180 (390)	1500		1286 (493)	1290 (500)	1500		Timing: FAF/THR 5.9 NM	
B	1087 (300)	1090 (300)	1200		1176 (389)	1180 (390)	1500		1286 (493)	1300 (500)	1600			
C	1091 (304)	1100 (310)	1200		1176 (389)	1180 (390)	1800		1582 (789)	1590 (790)	2400		KT	MIN SEC
D	1100 (313)	1110 (320)	1200		1176 (389)	1180 (390)	2000		1654 (861)	1660 (870)	3600		90	3 Min 56 140 2 Min 32
													100	3 Min 32 150 2 Min 22
													110	3 Min 13 160 2 Min 13
													120	2 Min 57 170 2 Min 05
													130	2 Min 43 180 1 Min 58

Notes :

- (1) In the south of the aerodrome and daytime only - OCH and MDH AAL
- Minimum temperature: 10°
- RDH: 15 m

TABULAR DESCRIPTION

RNP RWY 27

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/TCH	Navigation Specification
10	IF	KIVLO	—	—	—	—	—	+ 3800	230	—	RNP APCH
20	TF	BIDER	—	175(176.3)	—	6.00	R	+ 3300	230	—	RNP APCH
10	IF	TANON	—	—	—	—	—	+ 3300	230	—	RNP APCH
20	TF	BIDER	—	355(356.3)	—	6.00	R	+3300	230	—	RNP APCH
10	IF	BIDER	—	—	—	—	—	+ 3300	230	—	RNP APCH
20	TF	KR503	—	265(266.3)	—	5.70	—	@2700	—	—	RNP APCH
40	TF	RW27	Y	265(266.3)	—	5.90	—	@837	—	-3/15	RNP APCH
50	TF	KR504	Y	265(266.3)	-1	5.00	L		230	—	RNP APCH
50	DF	BIDER	—	—	—	—	—	+ 3300	230	—	RNP APCH

WAYPOINT LIST

RNP RWY 27

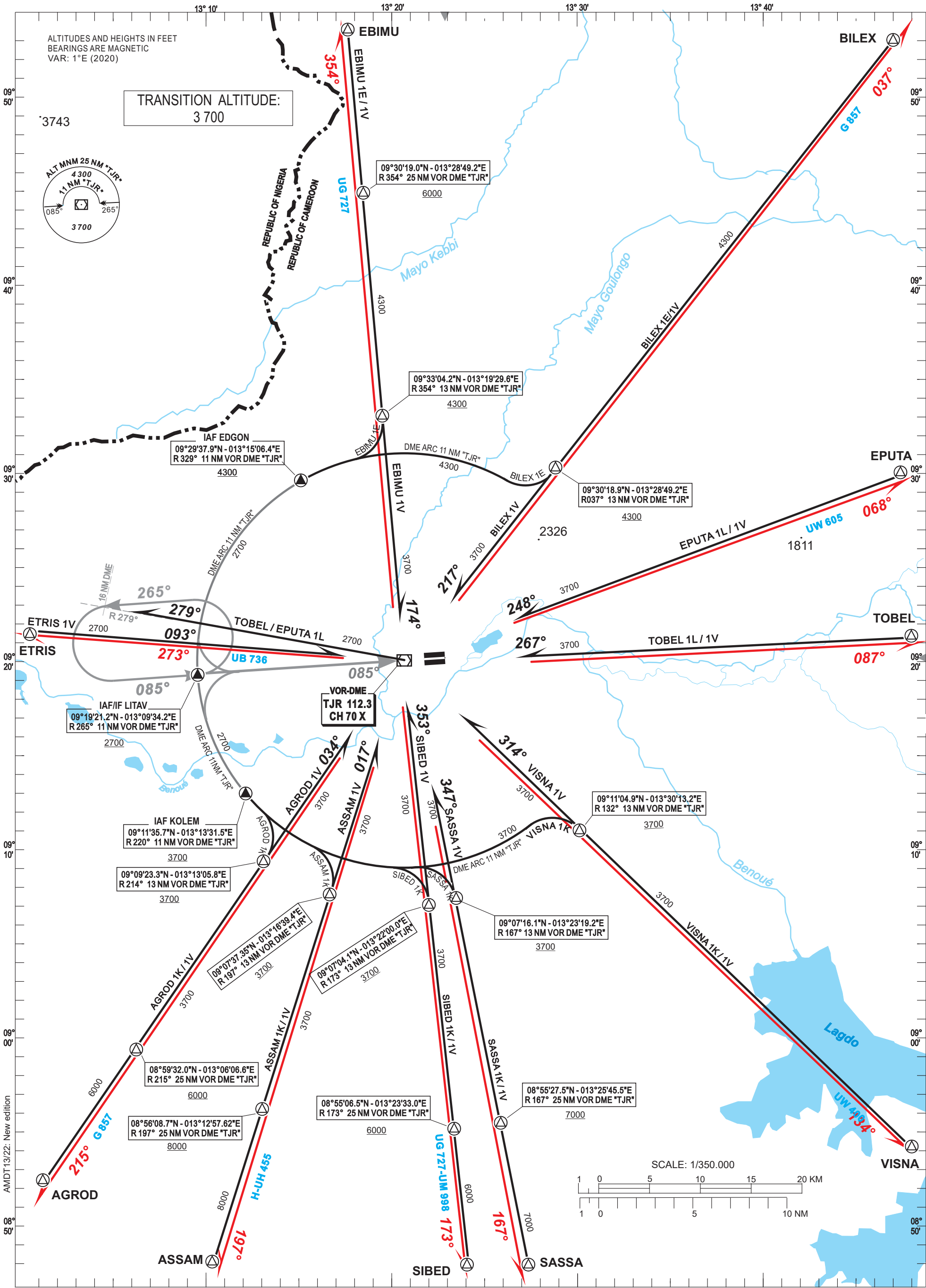
Waypoint Identifier	Coordinates		Role	Radial/dist."TJR"
KIVLO	09°26'57.987"N	013°34'20.478"E	IAF	R062°/12NM
BIDER	09°20'57.320"N	013°34'48.400"E	IF/IAF	R085°/14NM
TANON	09°14'56.088"N	013°35'06.780"E	IAF	R109°/15.2NM
KR503	09°20'35.275"N	013°28'58.349"E	FAF/FAP	R085°/8.2NM
RW27	09°20'12.835"N	013°23'03.875"E	THR27	R085°/2.4NM
KR504	09°19'53.559"N	013°18'01.042"E	MATF	R085°/5.6NM

STANDARD ARRIVAL CHART -
INSTRUMENT (STAR VOR-DME)

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
RWY 09

AGROD 1K / 1V - ASSAM 1K / 1V - BILEX 1E / 1V - EBIMU 1E / 1V - EPUTA 1L/1V
SASSA 1K / 1V - SIBED 1K / 1V - TOBEL 1L / 1V - VISNA 1K / 1V



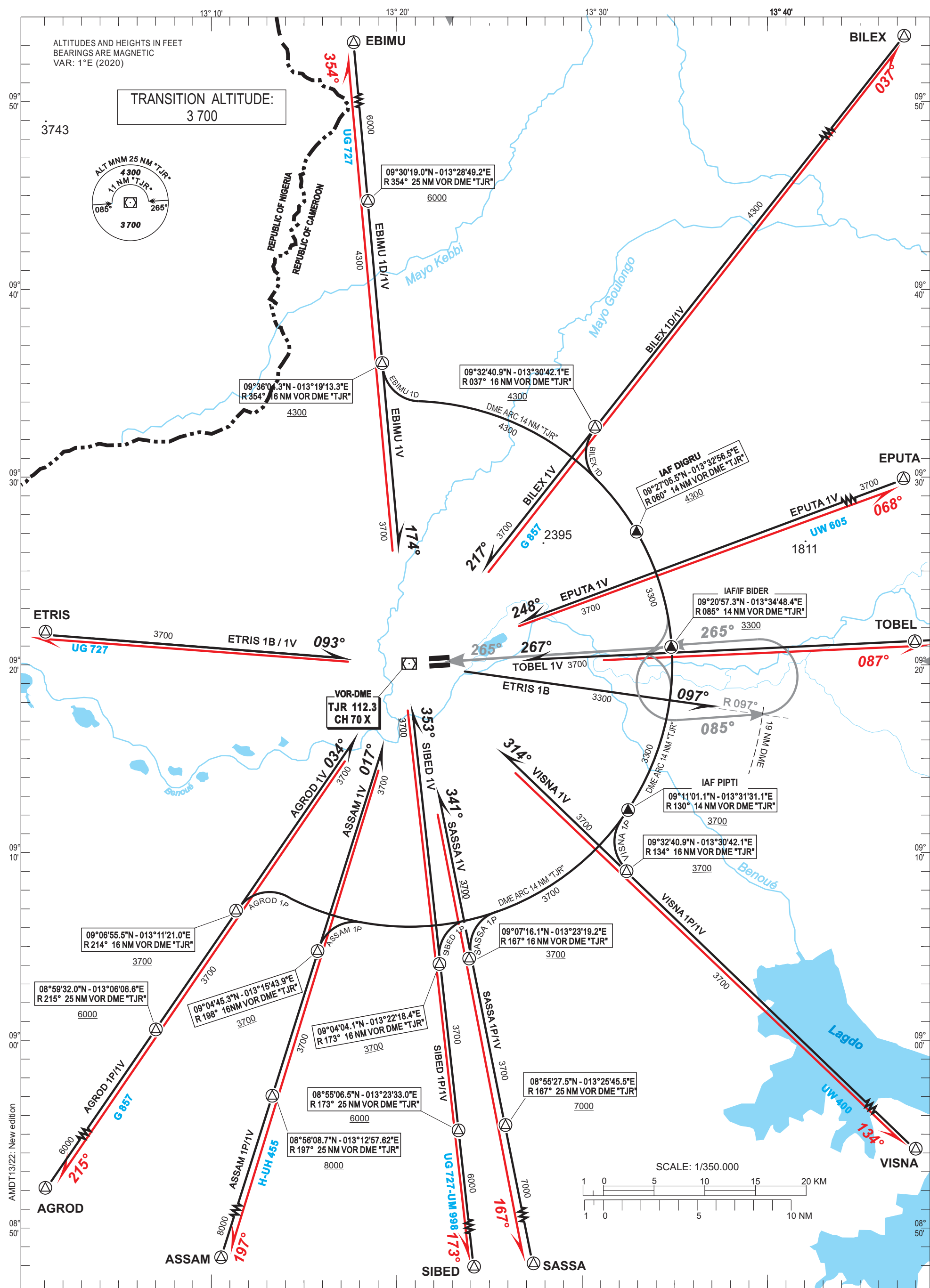
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STANDARD ARRIVAL CHART - INSTRUMENT (STAR VOR-DME)

APP : Provided by TWR
TWR: 118.3

GAROUA (FKKR)
RWY 27

AGROD 1P/1V - ASSAM 1P/1V - BILEX 1E/1V - EBIMU 1E/1V - EPUTA 1V
ETRIS 1B/1V - SASSA 1P/1V - SIBED 1P/1V- TOBEL 1V - VISNA 1P/1V



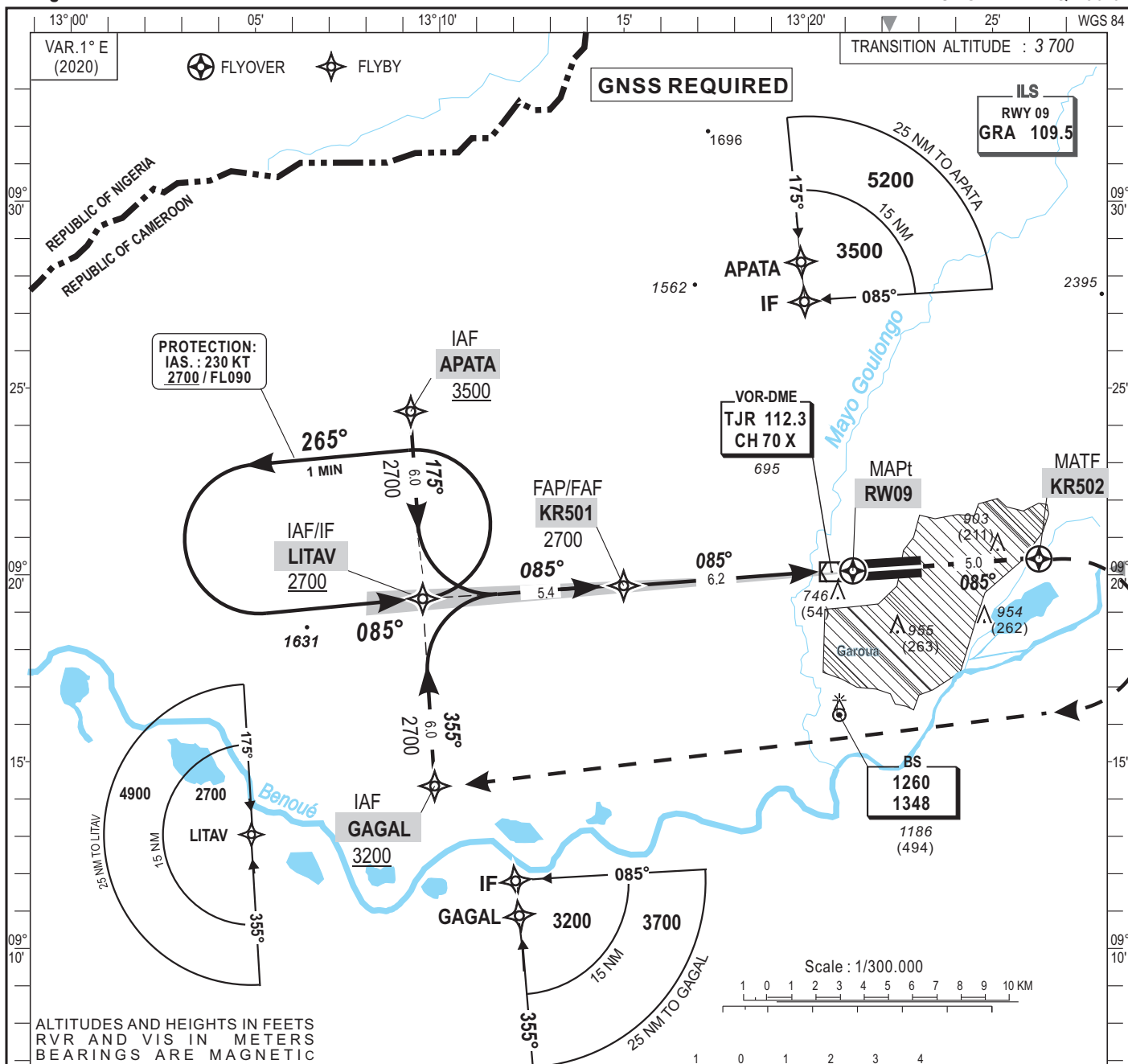
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INSTRUMENT APPROACH CHART Categories A-B-C-D

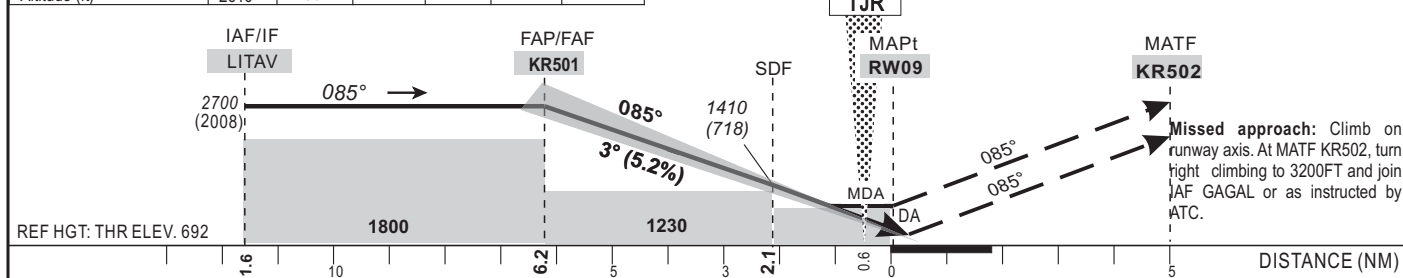
AERODROME ELEV: 793
THR RWY 09 ELEV: 692
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
ILS X or LOC X - RWY 09
IDENT ILS "GRA" FREQ 109.5



Distance to ILS-DME (NM)	6	5	4	3	2	1
Altitude (ft)	2610	2290	1970	1650	1330	-



CAT	CAT.1					LOC - DME				CIRCLING (3)				RVR for take-off CAT A - B - C : 400 CAT D : 400	
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA (MDH)	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS		
A	893 (201)	900 (210)	700	1000	1140 (440)	1140 (440)	1400	1500	1286 (493)	1290 (500)	1500			Timing: FAF/THR 6.2NM	
B	905 (213)	910 (220)	700	1000	1140 (440)	1140 (440)	1500	1500	1286 (493)	1300 (500)	1600				
C	913 (221)	920 (230)	700	1000	1140 (440)	1140 (440)	1600	2000	1582 (789)	1590 (790)	2400			KT	MIN SEC
D	924 (232)	930 (240)	700	1000	1140 (440)	1140 (440)	1800	2000	1654 (861)	1660 (870)	3600			90	4 Min 08
Notes : - (1) With approach light - (2) Without approach light - (3) In the south of the aerodrome and daytime only - OCH and MDH AAL - RDH: 15 m														140	2 Min 39
														100	3 Min 43
														110	3 Min 23
														120	3 Min 06
														130	2 Min 52
														180	2 Min 04

**INSTRUMENT
APPROACH CHART**
Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 09 ELEV: 692
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
ILS X or LOC X - RWY 09
IDENT ILS "GRA" FREQ 109.5

TABULAR DESCRIPTION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/TCH	Navigation Specification
10	IF	APATA	—	—	—	—	—	+ 3500	230	—	RNP APCH
20	TF	LITAV	—	175(176.3)	—	6.0	L	+ 2700	230	—	RNP APCH
10	IF	GAGAL	—	—	—	—	—	+ 3200	230	—	RNP APCH
20	TF	LITAV	—	355(356.3)	—	6.0	R	+ 2700	230	—	RNP APCH
10	IF	LITAV	—	—	—	—	—	+ 2700	230	—	N/A
20	TF	KR501	—	085(086.3)	—	5.4	—	@2700	—	—	N/A
30	TF	RW09	Y	085(086.3)	—	6.2	—	@742	—	-3/15	RNP APCH
40	TF	KR502	Y	085(086.3)	-1	5.0	R		230	—	RNP APCH
50	DF	GAGAL	—	—	—	—	—	+ 3200	230	—	RNP APCH

WAYPOINT LIST

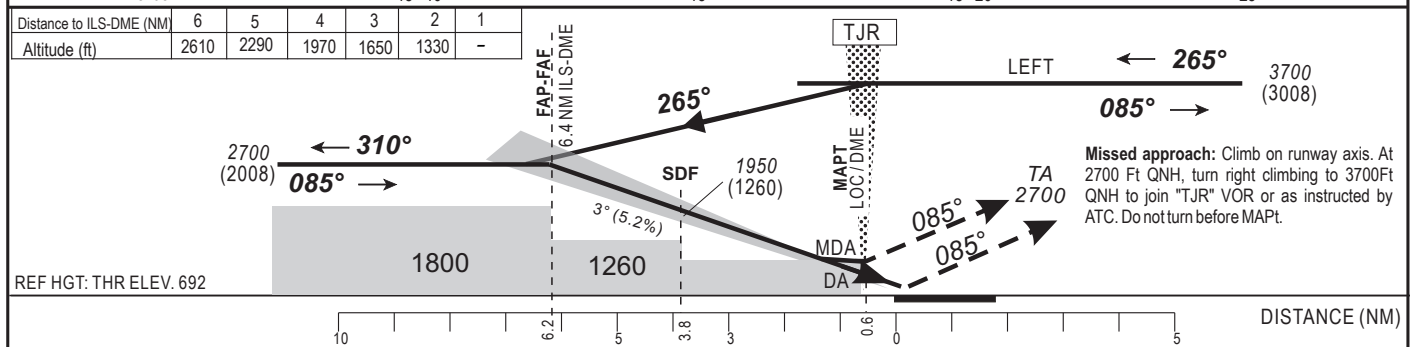
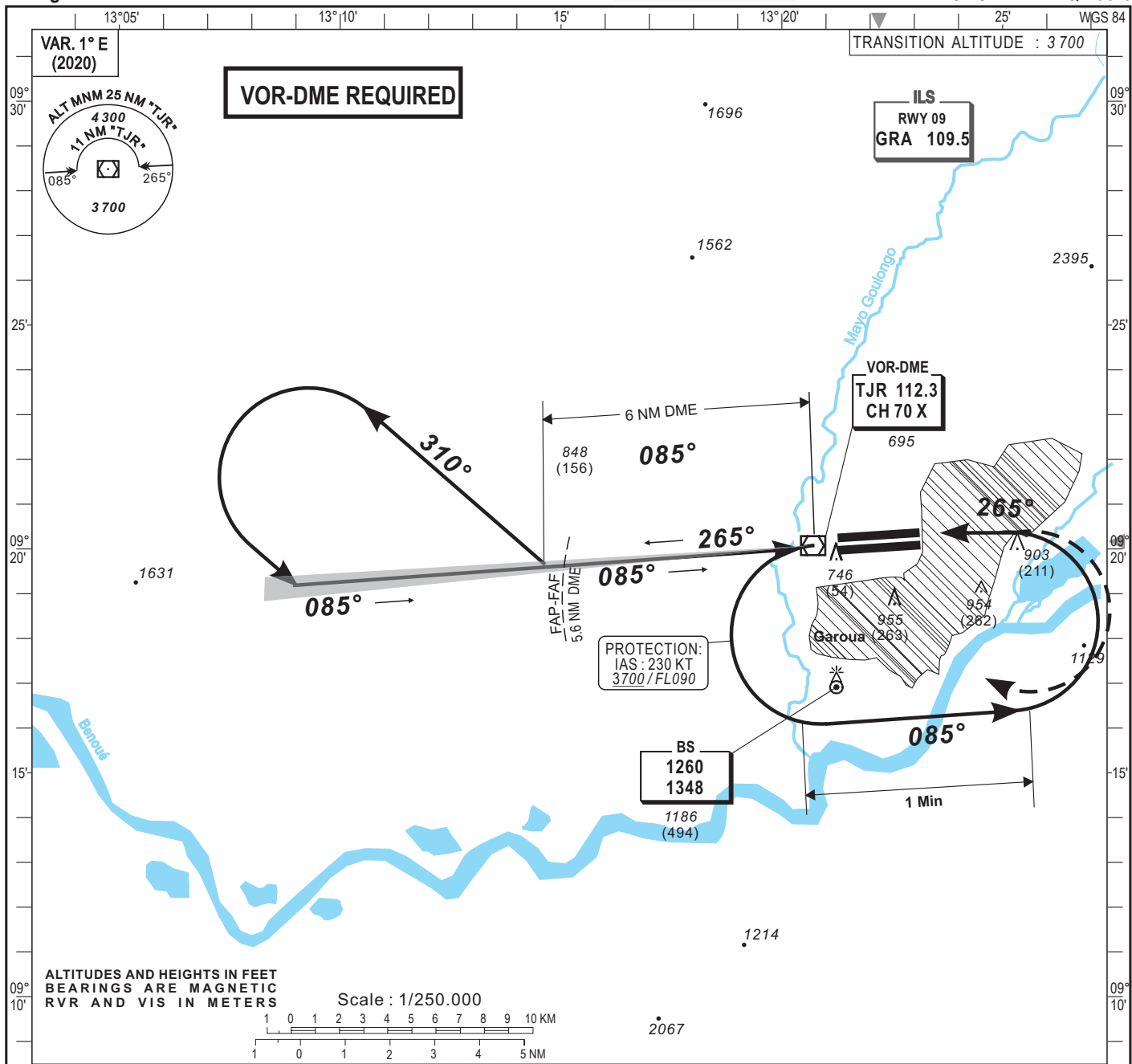
Waypoint Identifier	Coordinates		Role	Radial/dist. "TJR"
APATA	09°25'22.138"N	013°09'10.783"E	IAF	R294°/12.5NM
LITAV	09°19'21.208"N	013°09'34.225"E	IF/IAF	R265/11NM
GAGAL	09°13'20.275"N	013°09'57.653"E	IAF	R237°/12.5NM
KR501	09°19'42.279"N	013°15'03.692"E	FAF/FAP	R265°/5.6NM
RW09	09°20'06.009"N	013°21'16.358"E	THR09	R085°/0.6NM
KR502	09°20'25.266"N	013°26'19.195"E	MATF	R085°/5.6NM

INSTRUMENT APPROACH CHART Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 09 ELEV: 692
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
ILS Y or LOC Y - RWY 09
IDENT ILS "GRA" FREQ 109.5



CAT	CAT.1					LOC - DME				CIRCLING (3)				RVR for TAKE-OFF CAT A - B - C : 400 CAT D : 400					
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA (MDH)	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS						
A	893 (201)	900 (210)		700	1000	1140 (440)	1140 (440)	1400	1500	1286 (493)	1290 (500)		1500	Timing: FAF / THR 6.2 NM					
B	905 (213)	910 (220)		700	1000	1140 (440)	1140 (440)	1500	1500	1286 (493)	1300 (500)		1600						
C	913 (221)	920 (230)		700	1000	1140 (440)	1140 (440)	1600	2000	1582 (789)	1590 (790)		2400	KT	MIN	SEC	KT	MIN	SEC
D	924 (232)	930 (240)		700	1000	1140 (440)	1140 (440)	1800	2000	1654 (861)	1660 (870)		3600	90	4	Min 08	140	2	Min 39
Notes: (1)With approach light - (2) Without approach light - (3) In the south of the aerodrome and daytime only - OCH and MDH AAL .														100	3	Min 43	150	2	Min 29
														110	3	Min 23	160	2	Min 20
														120	3	Min 06	170	2	Min 11
														130	2	Min 52	180	2	Min 04

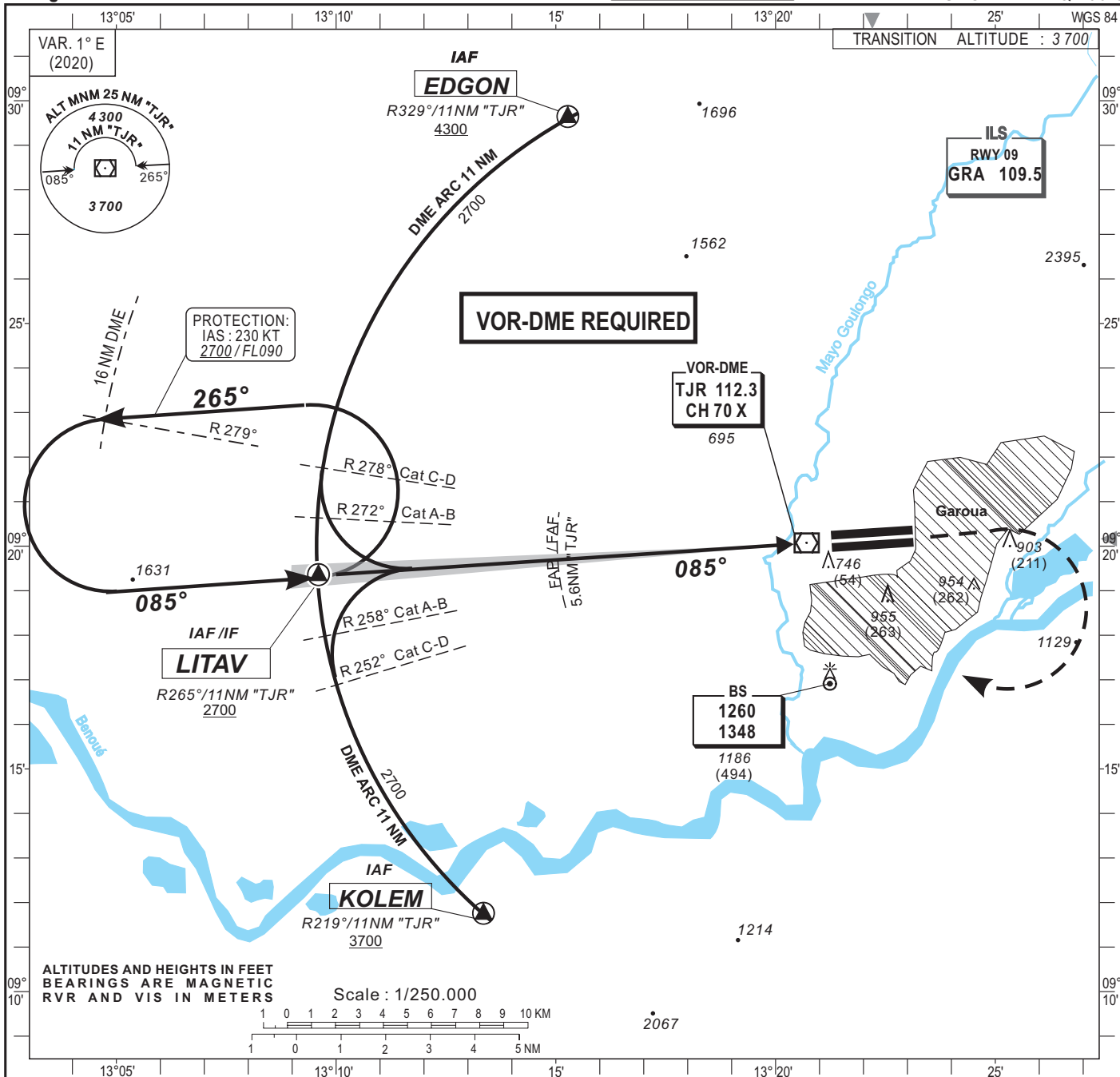
Notes: (1) With approach light - (2) Without approach light - (3) In the south of the aerodrome and daytime only - OCH and MDH AAL.

Categories A-B-C-D

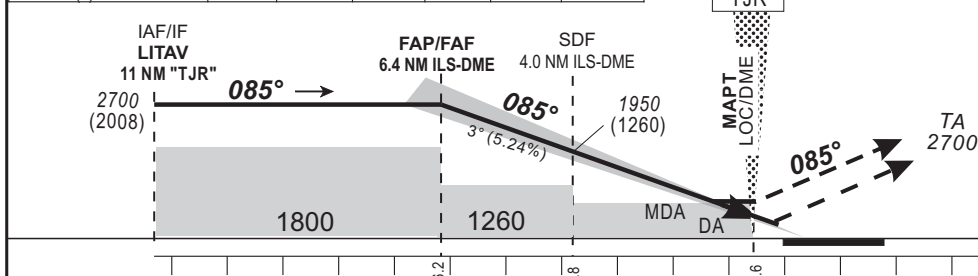
AERODROME ELEV: **793**
THR RWY 09 ELEV: **692**
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
ILS Z or LOC Z - RWY 09
IDENT ILS "GRA" FREQ 109.5



Distance to ILS-DME (NM)	6	5	4	3	2	1
Altitude (ft)	2610	2290	1970	1650	1330	-



Missed approach : Climb on runway axis. At 2700 FT QNH, turn right to join "TJR" VOR overhead; then follow R 279° till 16 NM from "TJR". Then turn left to join LITAV or as instructed by ATC.

REF HGT: THR ELEV. 692

DISTANCE (NM)

CAT	CAT.1				LOC - DME				CIRCLING (3)				RVR for TAKE-OFF CAT A - B - C : 400 CAT D : 400								
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA (MDH)	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS								
A	893 (201)	900	(210)	700	1000	1140 (440)	1140 (440)	1400	1500	1286 (493)	1290	(500)	1500	Timing: FAF / THR 6.2 NM							
B	905 (213)	910	(220)	700	1000	1140 (440)	1140 (440)	1500	1500	1286 (493)	1300	(500)	1600								
C	913 (221)	920	(230)	700	1000	1140 (440)	1140 (440)	1600	2000	1582 (789)	1590	(790)	2400								
D	924 (232)	930	(240)	700	1000	1140 (440)	1140 (440)	1800	2000	1654 (861)	1660	(870)	3600								
Notes: (1)With approach light - (2) Without approach light - (3) In the south of the aerodrome and daytime only - OCH and MDH AAL .														KT	MIN	SEC	KT	MIN	SEC		
														90	4	Min	08	140	2	Min	39
														100	3	Min	43	150	2	Min	29
														110	3	Min	23	160	2	Min	20
														120	3	Min	06	170	2	Min	11
														130	2	Min	52	180	2	Min	04

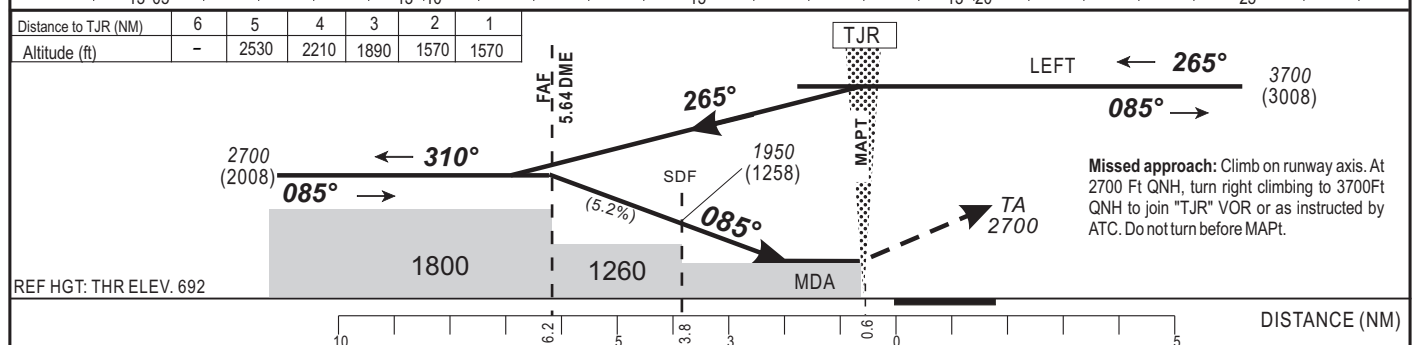
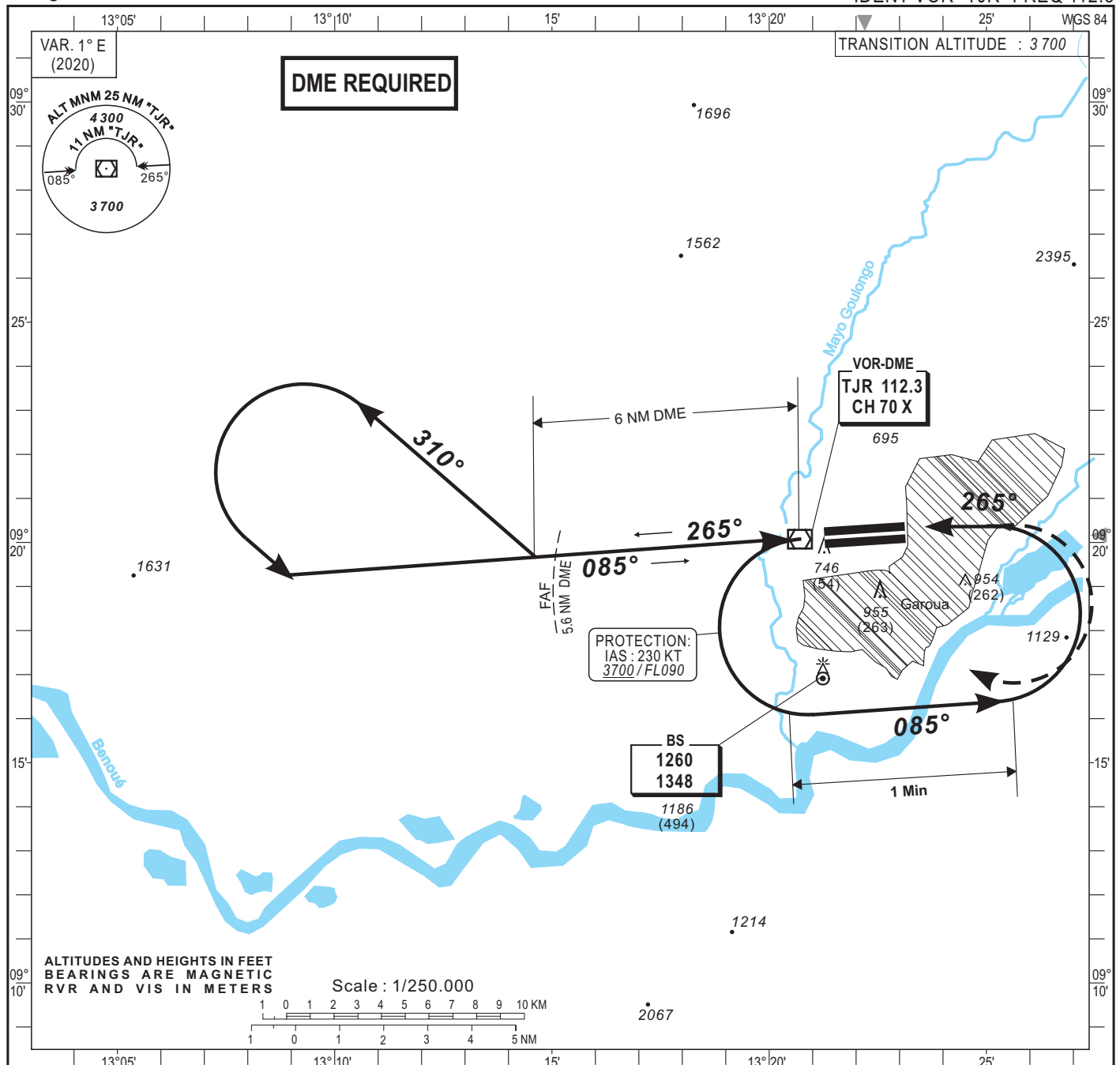
AMD T13/22 : New edition

INSTRUMENT APPROACH CHART Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 09 ELEV: 692
HEIGHTS RELATED TO THR RWY 09 ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
VOR Y - RWY 09
IDENT VOR "TJR" FREQ 112.3

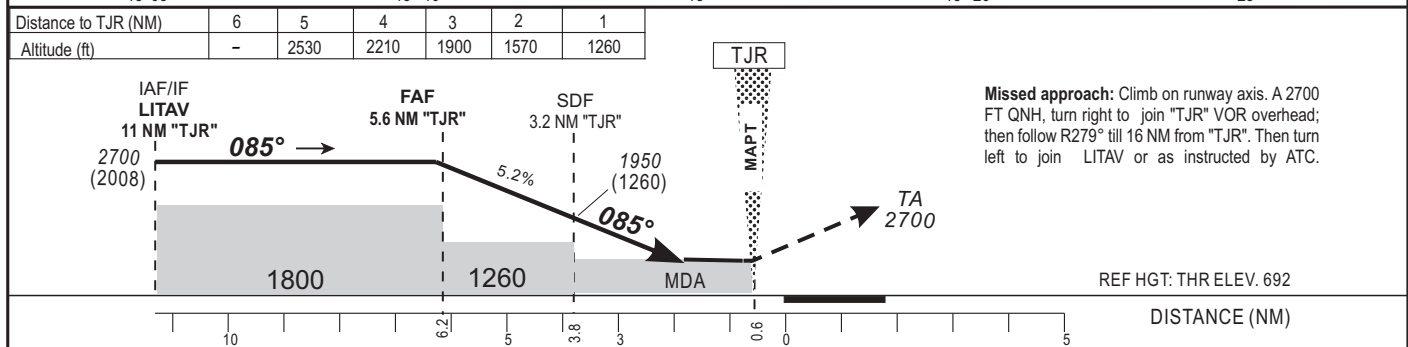


CAT	VOR-DME				CIRCLING (3)				RVR for TAKE-OFF CAT A - B - C : 400 CAT D : 400
	OCA (OCH)	MDA (MDH)	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS	
A	1172 (480)	1180 (480)	1000	1500	1286 (493)	1290 (500)	1500		Timing: FAF / THR 6.2 NM KT MIN SEC KT MIN SEC 90 4 Min 08 140 2 Min 39 100 3 Min 43 150 2 Min 29 110 3 Min 23 160 2 Min 20 120 3 Min 06 170 2 Min 11 130 2 Min 52 180 2 Min 04
B	1172 (480)	1180 (480)	1200	1500	1286 (493)	1300 (500)	1600		
C	1172 (480)	1180 (480)	1200	2000	1582 (789)	1590 (790)	2400		
D	1172 (480)	1180 (480)	1600	2000	1654 (861)	1660 (870)	3600		

Notes: (1) With approach light - (2) Without approach light - (3) In the south of the aerodrome - OCH and MDH AAL - Daytime only.

AMDT13/22 : New edition

GAROUA (FKKR)
VOR Z - RWY 09
IDENT VOR "TJR" FREQ 112.3



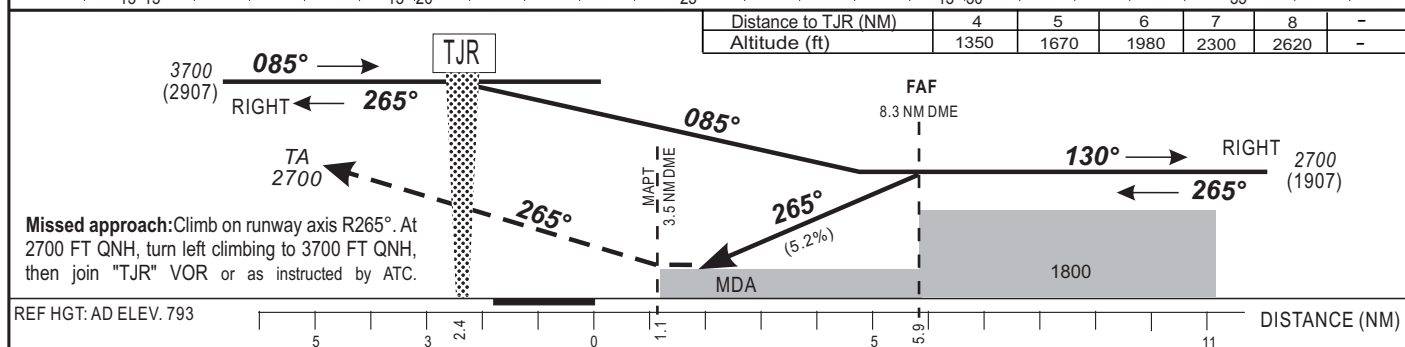
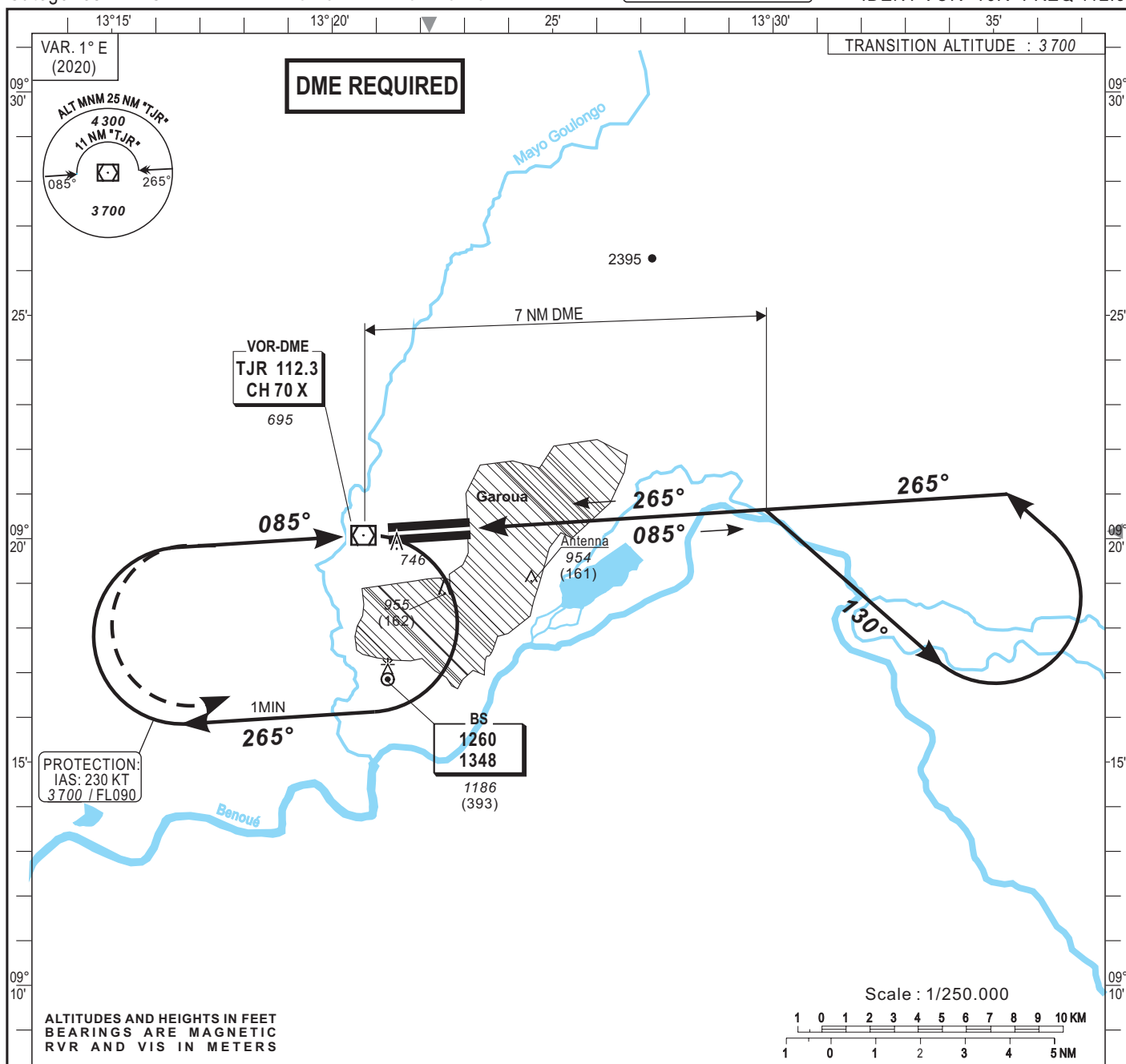
CAT	VOR-DME				CIRCLING (3)				RVR for TAKE-OFF CAT A - B - C : 400 CAT D : 400					
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VIS		Timing: FAF / Seuil 6.2 NM					
A	1172 (480)	1180 (480)	1400	1500	1286 (493)	1290 (500)	1500		KT	MIN	SEC	KT	MIN	SEC
B	1172 (480)	1180 (480)	1500	1500	1286 (493)	1300 (500)	1600		90	4	Min 08	140	2	Min 39
C	1172 (480)	1180 (480)	1600	2000	1582 (789)	1590 (790)	2400		100	3	Min 43	150	2	Min 29
D	1172 (480)	1180 (480)	1800	2000	1654 (861)	1660 (870)	3600		110	3	Min 23	160	2	Min 20
Notes: (1)With approach light - (2) Without approach light - (3) In the south of the aerodrome and daytime only - OCH and MDH AAL .									120	3	Min 06	170	2	Min 11
									130	2	Min 52	180	2	Min 04

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 27 ELEV: 787
HEIGHTS RELATED TO AERODROME ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
VOR Y - RWY 27
IDENT VOR "TJR" FREQ 112.3



CAT	VOR-DME				CIRCLING (1)										RVR for TAKE-OFF CATA - B - C : 400 CAT D : 400			
	OCA (OCH)	MDA	MDH	RVR	OCA (OCH)	MDA	MDH	VIS										
A	1208 (415)	1210 (420)	1500		1286 (493)	1290 (500)	1500								Timing: FAF / MAPt 4.8 NM			
B	1208 (415)	1210 (420)	1500		1286 (493)	1300 (500)	1600											
C	1208 (415)	1210 (420)	1800		1582 (789)	1590 (790)	2400											
D	1208 (415)	1210 (420)	2000		1654 (861)	1660 (870)	3600											
													KT	MIN	SEC	KT	MIN	SEC
													90	3	Min 12	140	2	Min 03

Notes: (1) In the south of the aerodrome and daytime only - OCH and MDH AAL

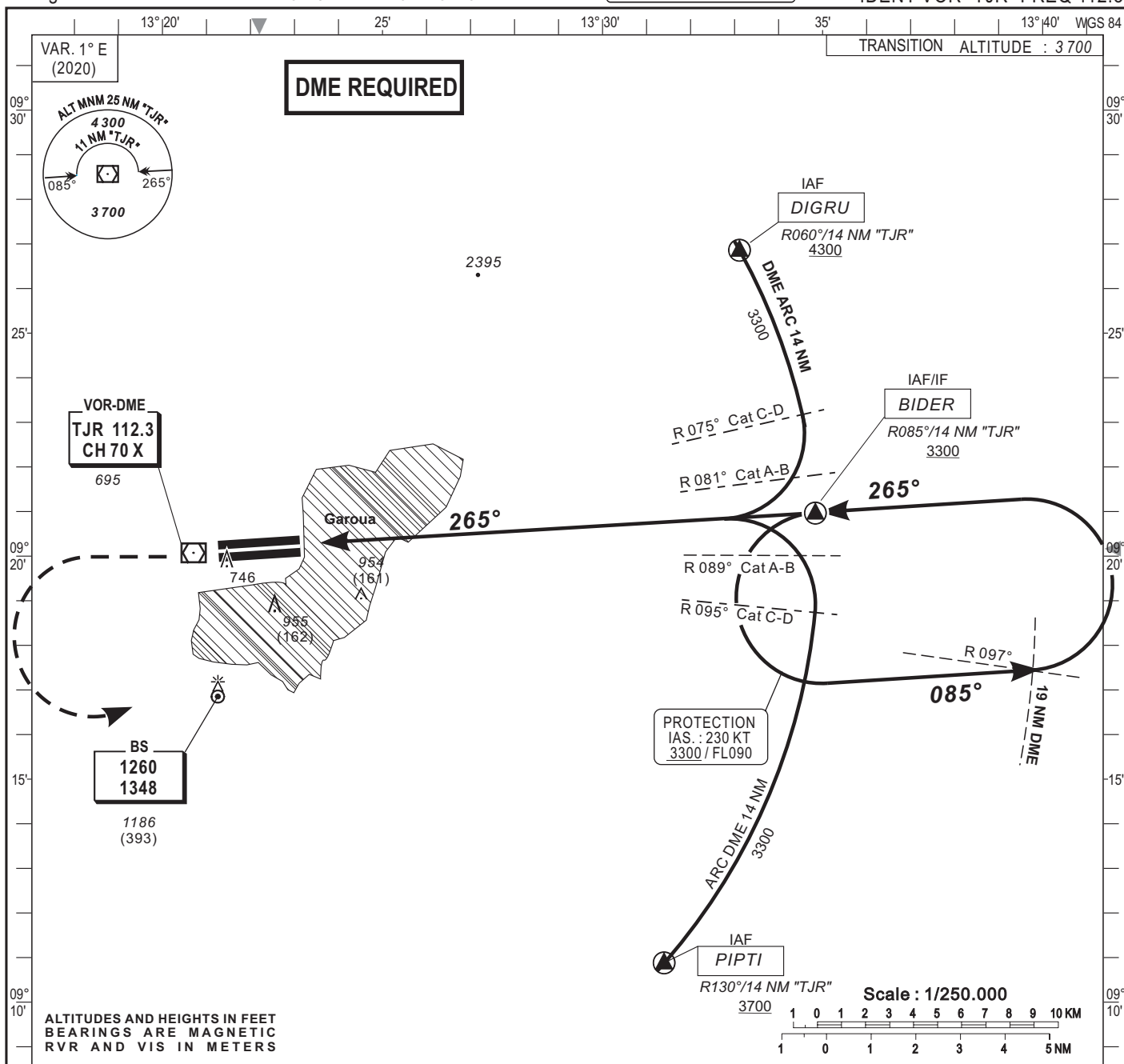
AMDT13/22 : New edition

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

AERODROME ELEV: 793
THR RWY 27 ELEV: 787
HEIGHTS RELATED TO AERODROME ELEV

APP : Provided by TWR
TWR : 118.3

GAROUA (FKKR)
VOR Z - RWY 27
IDENT VOR "TJR" FREQ 112.3



Missed approach: Climb on runway axis. At 2700 FT QNH, turn left climbing to 3300 FT QNH; then join IAF BIDER via R097° or as instructed by ATC.

TJR

TA 2700

MAPt 3.5 NM TJR

FAF 8.3 NM TJR

IAF/IF BIDER 14 NM TJR

3300 (2507)

2700 (1907)

REF HGT: AD ELEV. 793

MDA

1960

DISTANCE (NM)

CAT	VOR-DME				CIRCLING (1)				RVR for TAKE-OFF CAT A - B - C : 400 CAT D : 400
	OCA (OCH)	MDA	MDH	RVR	OCA (OCH)	MDA	MDH	VIS	
A	1208 (415)	1210 (420)	1500	1286 (493)	1290 (500)	1500			Timing: FAF / MAPt 4.8 NM KT MIN SEC KT MIN SEC 90 3 Min 12 140 2 Min 03 100 2 Min 53 150 1 Min 55 110 2 Min 37 160 1 Min 48 120 2 Min 24 170 1 Min 42 130 2 Min 13 180 1 Min 36
B	1208 (415)	1210 (420)	1500	1286 (493)	1300 (500)	1600			
C	1208 (415)	1210 (420)	1800	1582 (789)	1590 (790)	2400			
D	1208 (415)	1210 (420)	2000	1654 (861)	1660 (870)	3600			

Notes: (1) In the south of the aerodrome and daytime only. - OCH and MDH AAL -

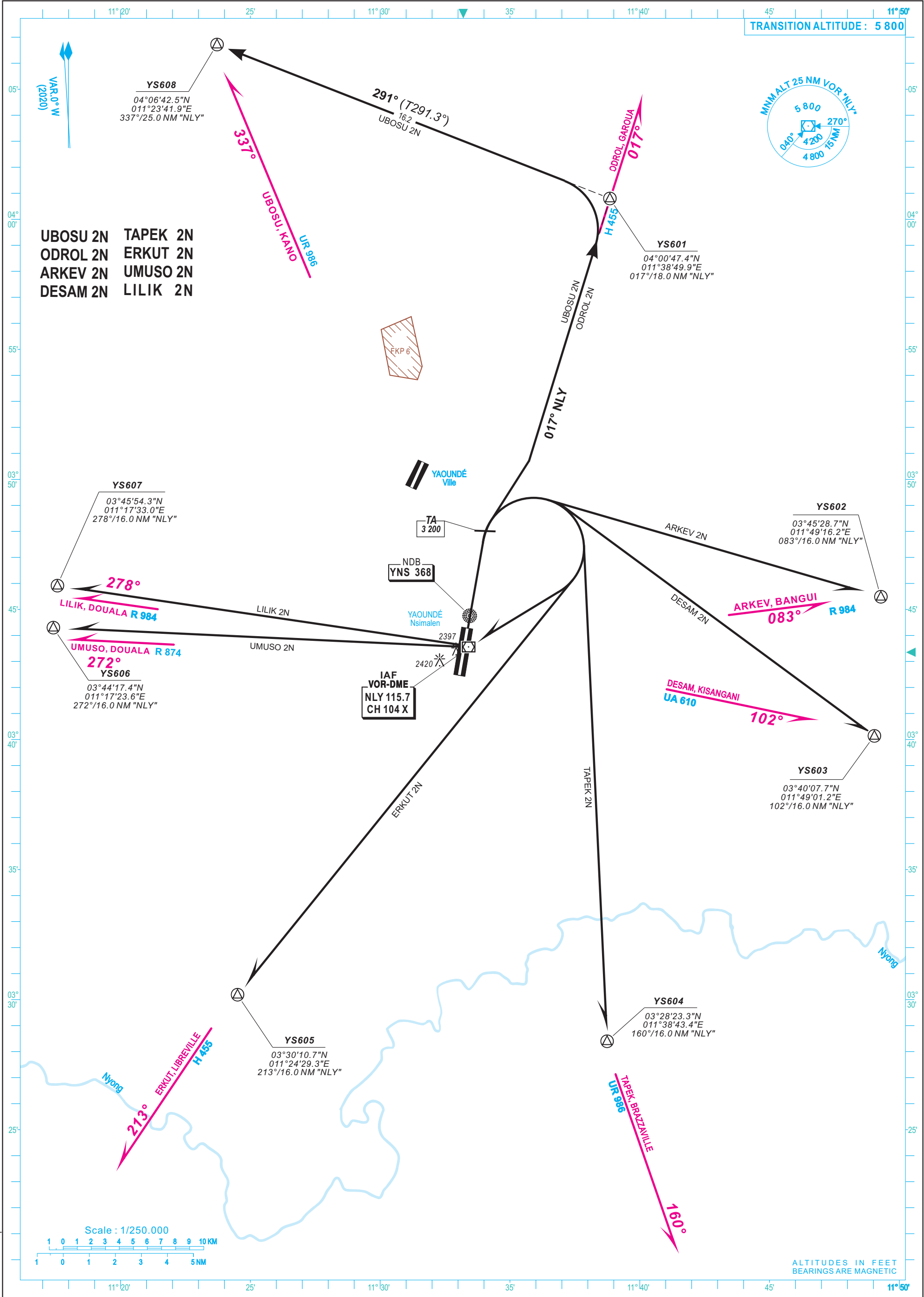
AMDT13/22 : New edition



STANDARD DEPARTURE CHART-
INSTRUMENT (SID VOR-DME)
Categories A-B-C-D

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ / Nsimalen (FKYS)
RWY 01



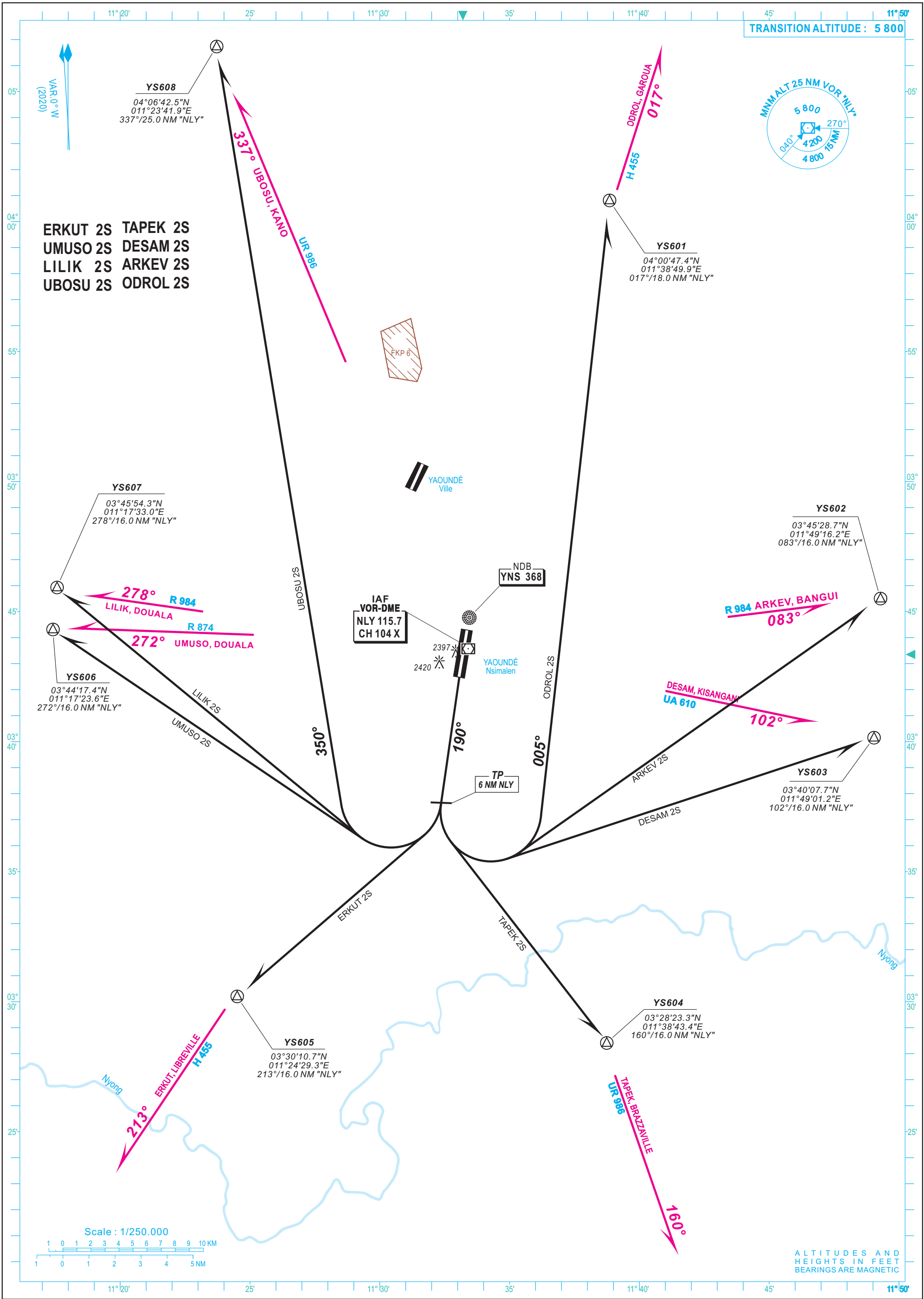
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STANDARD DEPARTURE CHART-
INSTRUMENT (SID VOR-DME)
Categories A-B-C-D

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ / Nsimalen (FKYS)
RWY 19



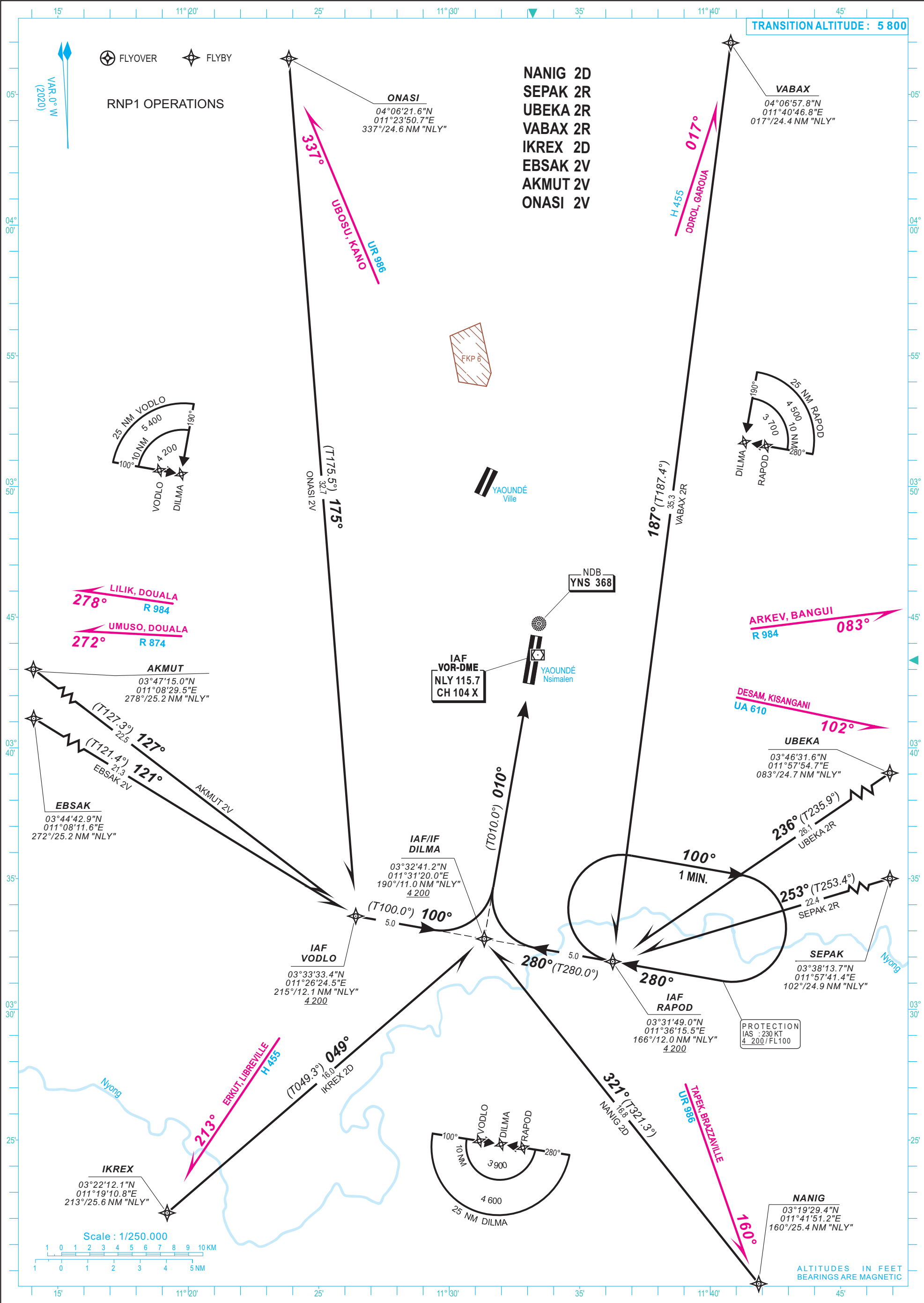
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STANDARD ARRIVAL CHART-
INSTRUMENT (STAR RNAV-GNSS)
Categories A - B - C - D

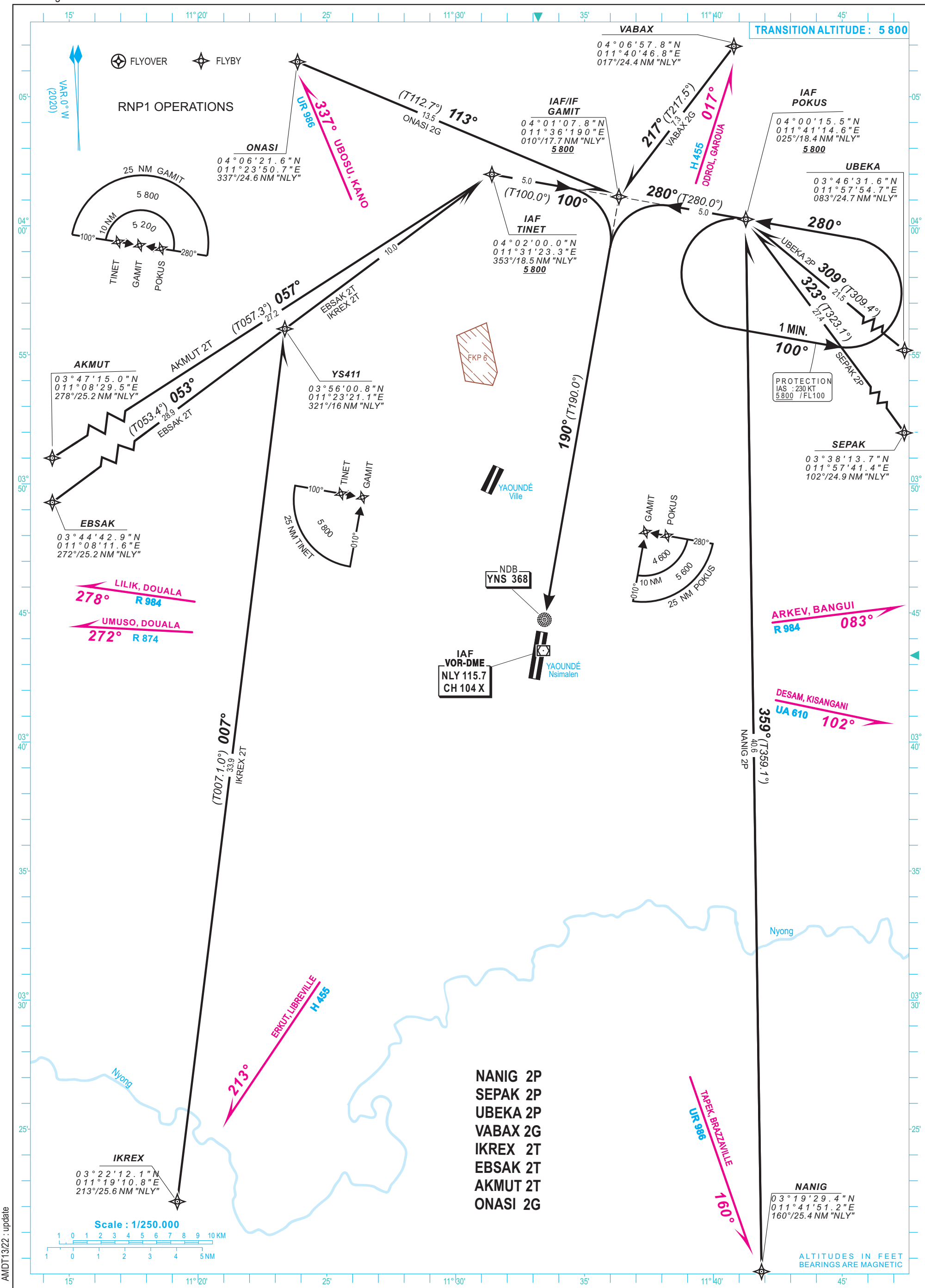
Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOOUNDÉ / Nsimalen (FKYS)
RWY 01



AMDT13/22 : update

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PAGE LAISSÉE INTENTIONNELLEMENT VIDE

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278

THR : 2 263

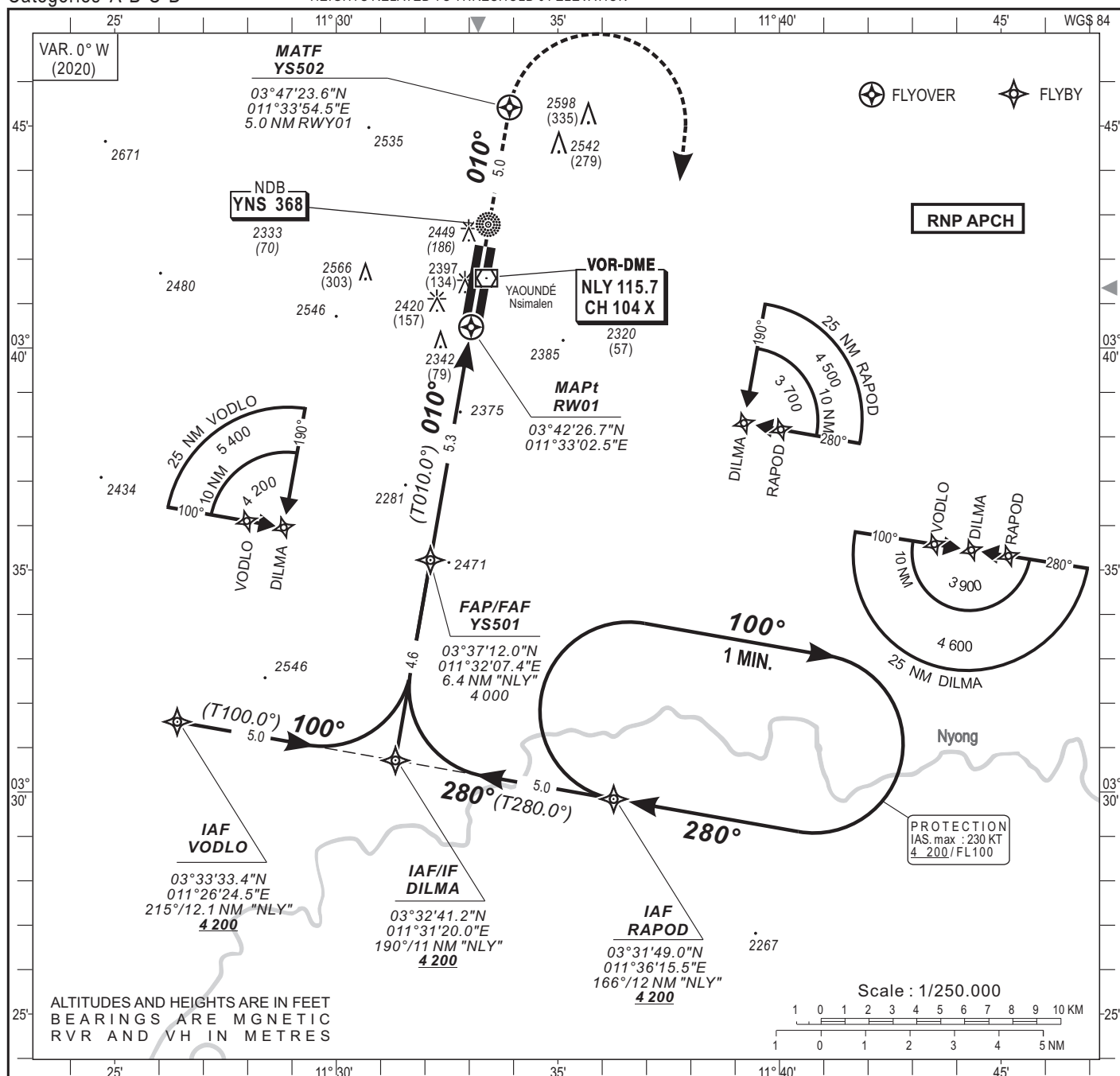
HEIGHTS RELATED TO THRESHOLD 01 ELEVATION

NSIMALEN Approach : 121.3

NSIMALEN Tower : 119.1

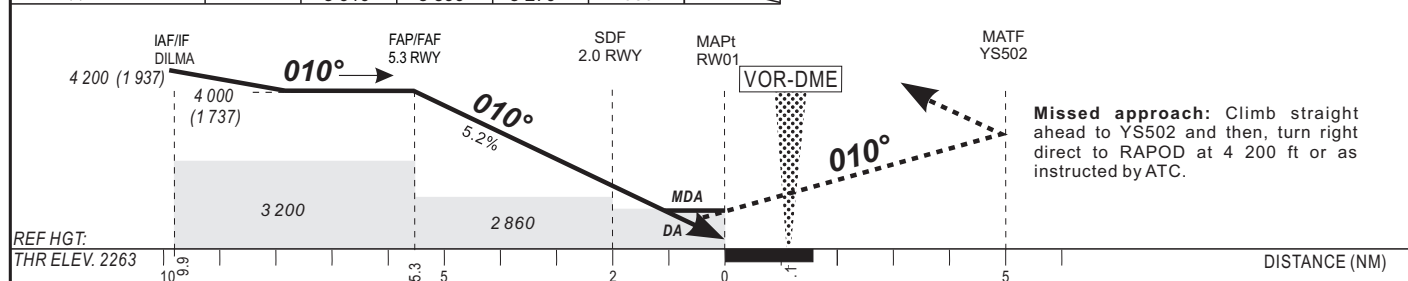
YAOUNDÉ /Nsimalen (FKYS)

RNP RWY 01



Distance to THR (NM)	FAF	5	4	3	2	1
Altitude (ft)	4 000	3 910	3 590	3 270	2 950	

TRANSITION ALTITUDE : 5 800



CAT	LNAV/VNAV					LNAV				CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400					
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VIS								
A	2651 (388)	2660 (390)	1300	1500	2704 (441)	2710 (450)	1500	1500	2827 (549)	2830 (550)	1500	Timing FAF / THR 5.3 NM							
B	2651 (388)	2660 (390)	1400	1500	2704 (441)	2710 (450)	1500	1500	2861 (583)	2870 (590)	1600								
C	2651 (388)	2660 (390)	1600	1800	2704 (441)	2710 (450)	1800	2000	3052 (774)	3060 (780)	2400								
D	2651 (388)	2660 (390)	1800	2000	2704 (441)	2710 (450)	2000	2000	3052 (774)	3060 (780)	3600								
Notes: - (1) With approach lights - (2) Without approach lights - (3) Daytime only - OCH and MDH AAL - RDH : 15 m - Minimum temperature : 10°C												KT	MIN	SEC	KT	MIN	SEC		
												90	3	Min	32	140	2	Min	16
												100	3	Min	11	150	2	Min	07
												110	2	Min	53	160	1	Min	59
												120	2	Min	39	170	1	Min	52
												130	2	Min	27	180	1	Min	46

AMDT13/22 : update

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

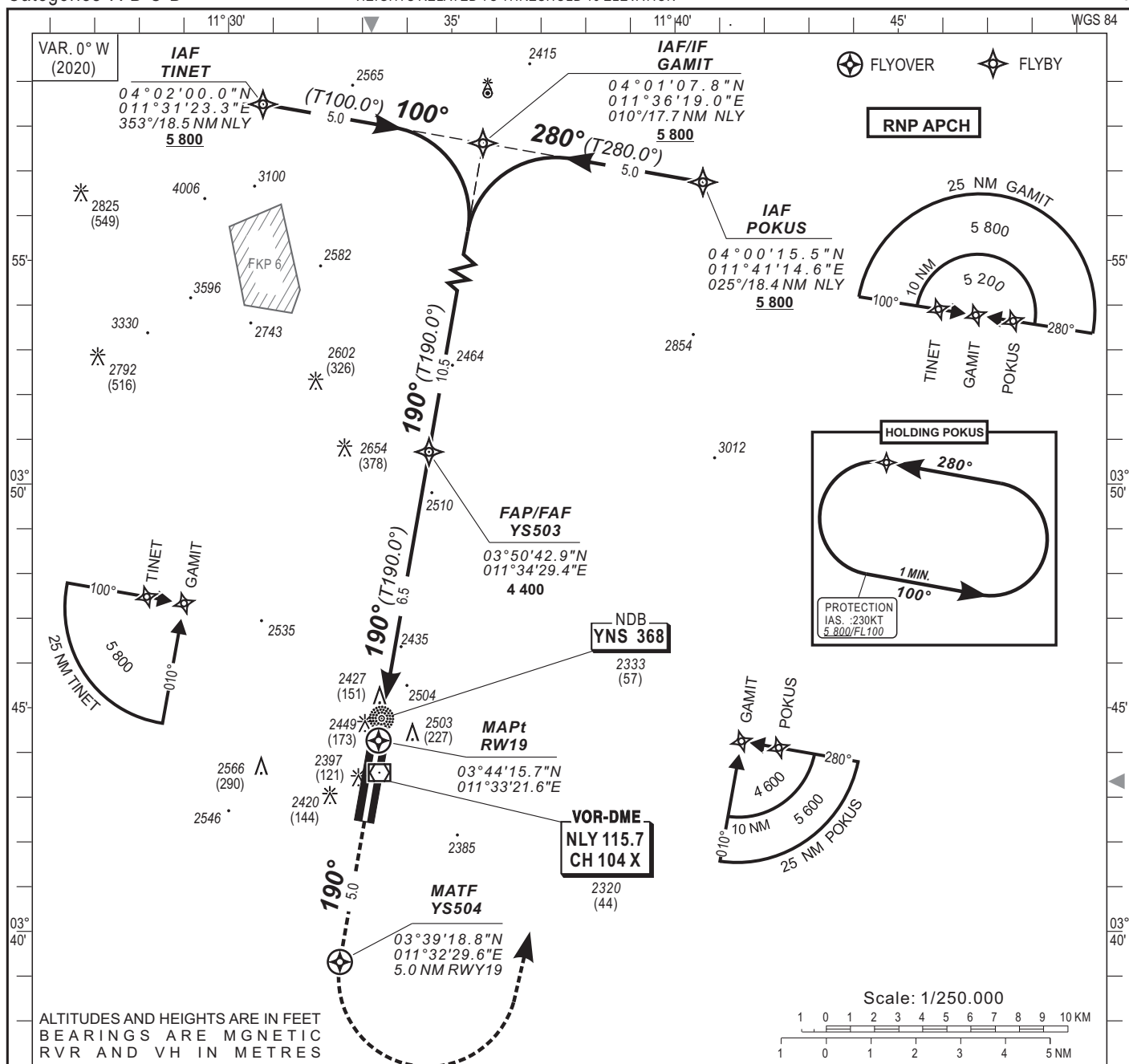
ELEV. : 2 278
THR : 2 276

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

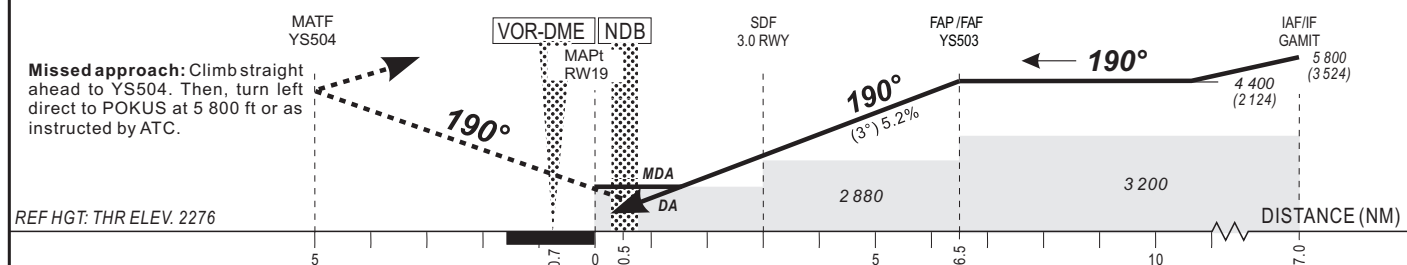
YAOUNDÉ /Nsimalen (FKYS)

RNP RWY 19

HEIGHTS RELATED TO THRESHOLD 19 ELEVATION



Distance to THR (NM)	FAF	6	5	4	3	2	-	TRANSITION ALTITUDE : 5 800
Altitude (ft)	4 400	4 240	3 920	3 600	3 280	2 970	-	



CAT	LNAV/VNAV					LNAV					CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400	
	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS		
A	2717 (441)	2720 (450)		1000	1500	2768 (492)	2770 (500)		1000	1500	2827 (549)	2830 (550)		1500	Timing FAF / THR 6.5 NM	
B	2717 (441)	2720 (450)		1200	1500	2768 (492)	2770 (500)		1200	1500	2861 (583)	2870 (590)		1600		
C	2717 (441)	2720 (450)		1200	2000	2768 (492)	2770 (500)		1200	2000	3052 (774)	3060 (780)		2400	KT	MIN SEC
D	2717 (441)	2720 (450)		1600	2000	2768 (492)	2770 (500)		1600	2000	3052 (774)	3060 (780)		3600	90 4 Min 20	140 2 Min 47

Notes: - (1) With approach lights - (2) Without approach lights
- (3) Daytime only - OCH and MDH AAL
- RDH : 15 m
- Minimum temperature : 10°C

03AD2-FKYS-IAC-RNP19

29 DEC 2022

AERONAUTICAL INFORMATION SERVICE - ASECNA

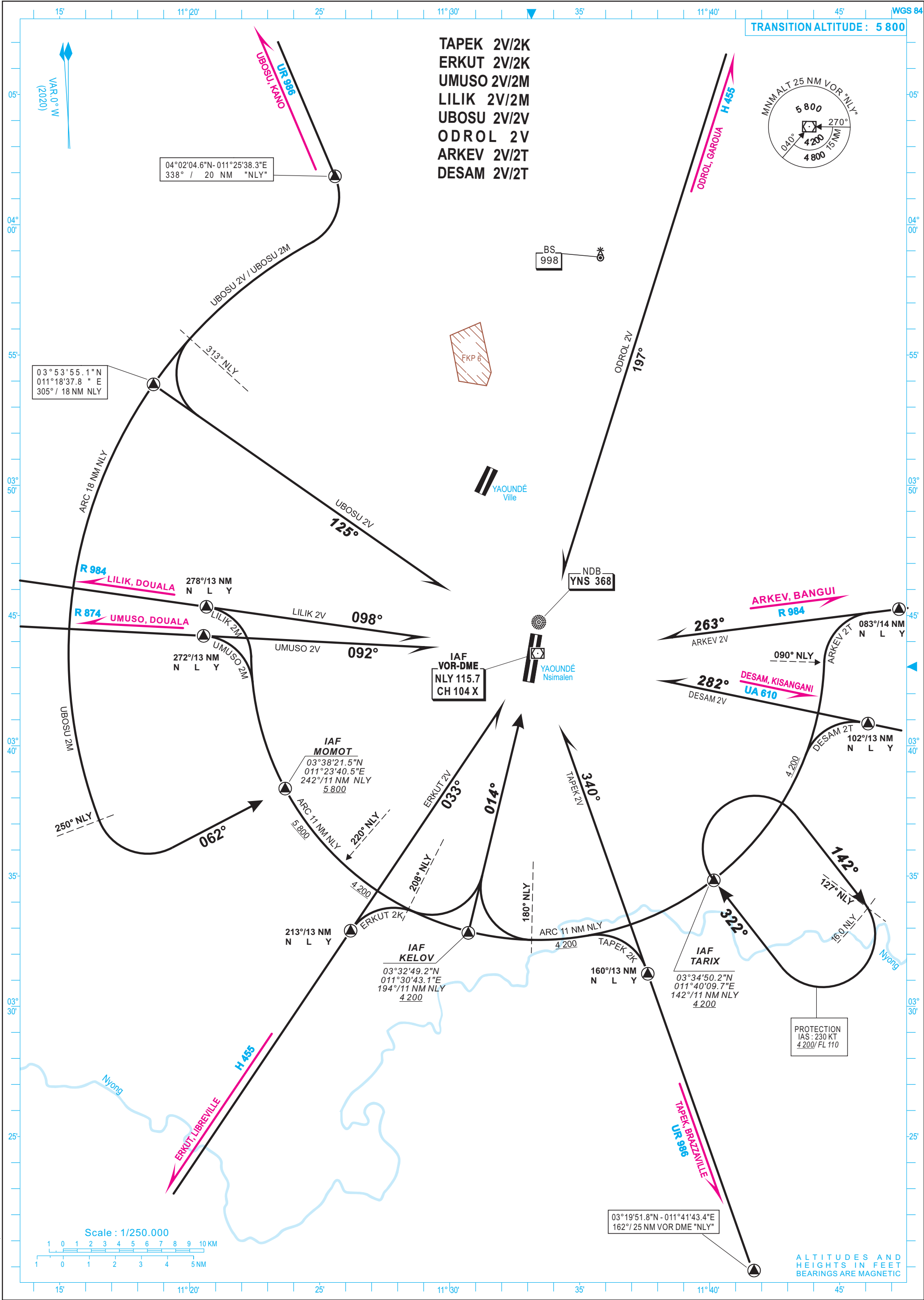
AMDT13/22 : update



STANDARD ARRIVAL CHART-
INSTRUMENT (STAR VOR-DME)
Categories A-B-C-D

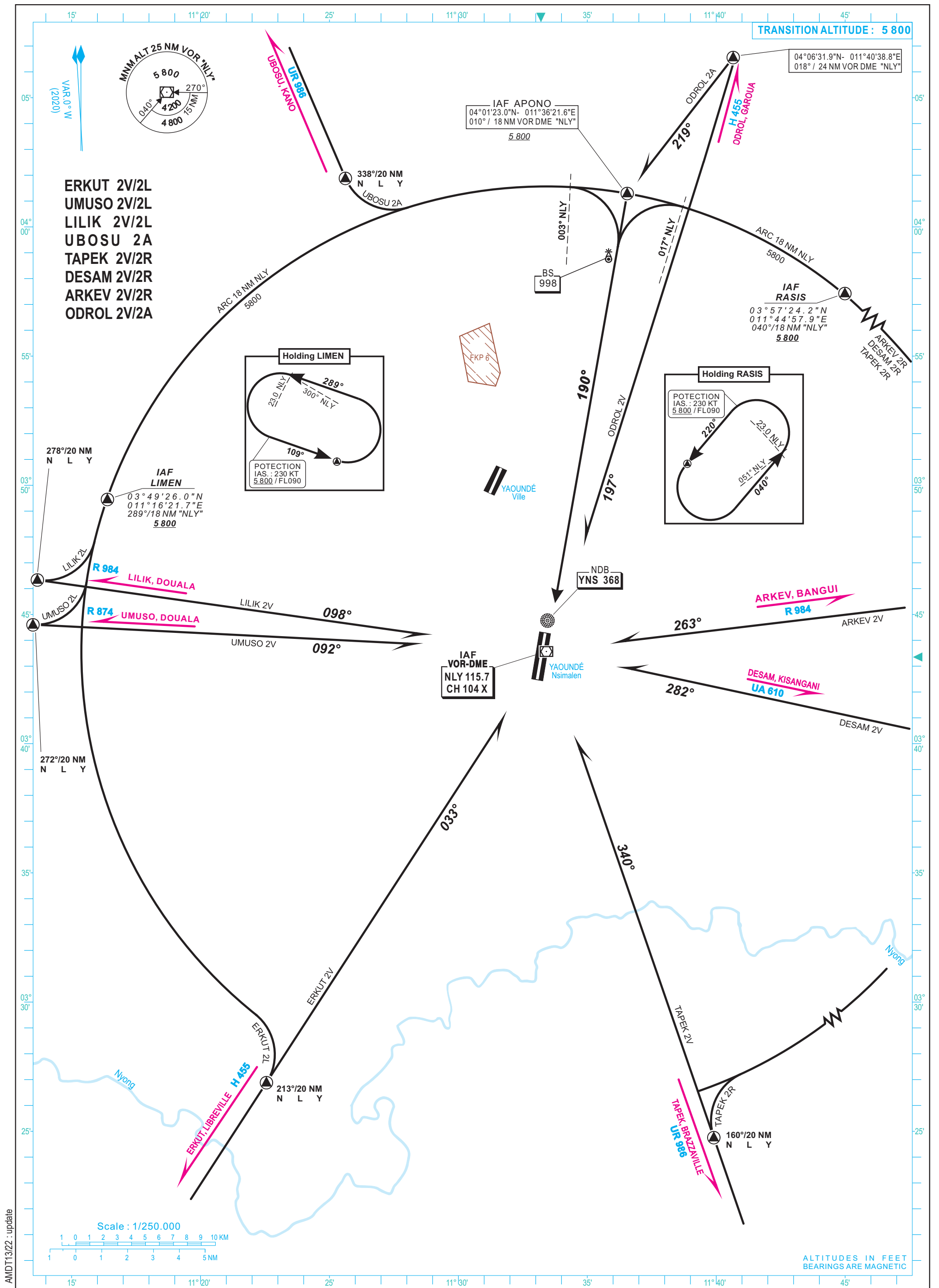
Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ / Nsimalen (FKYS)
RWY 01



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

YAOUNDE / Nsimalen (FKYS)
RWY 19



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

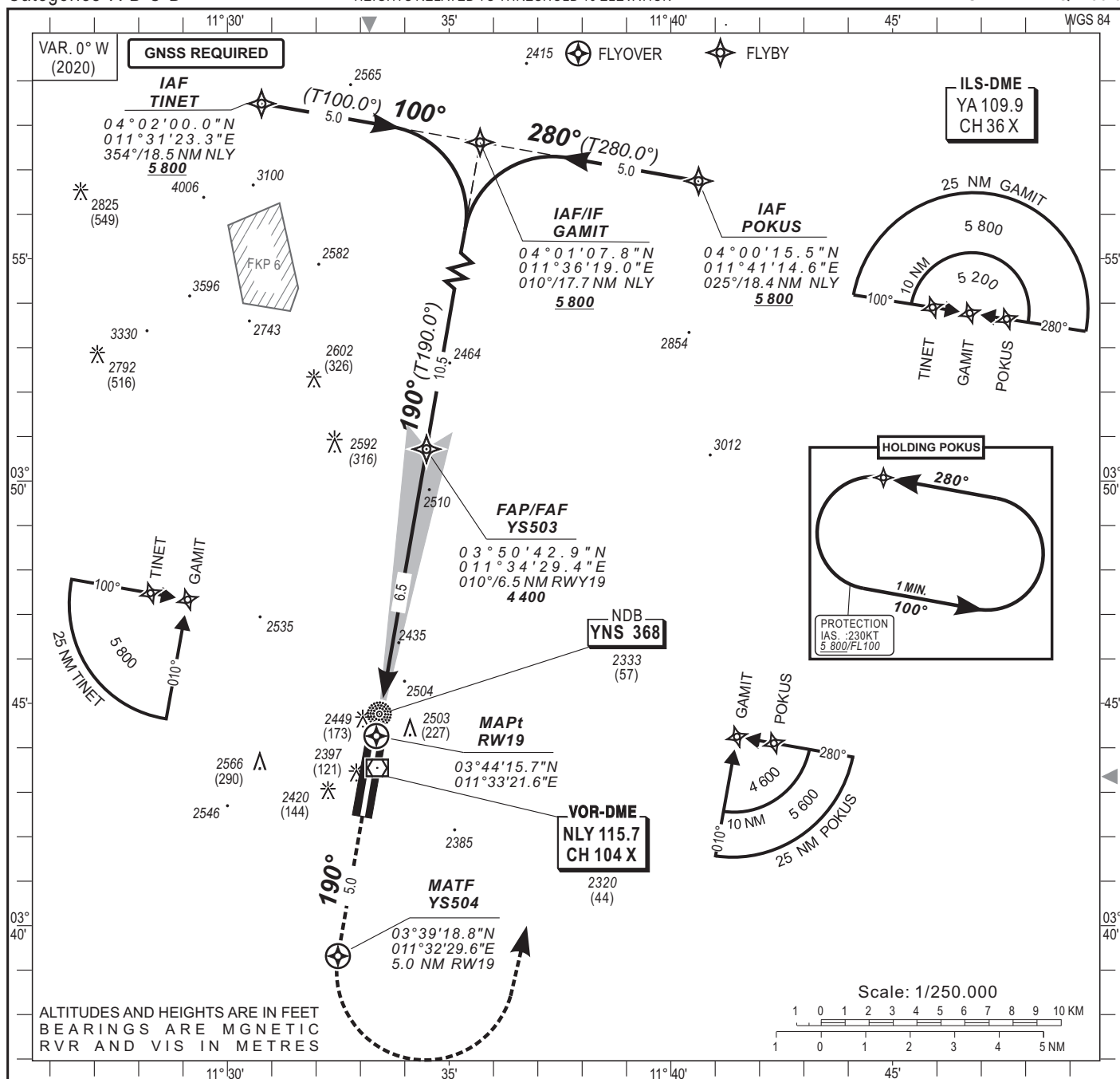
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 276

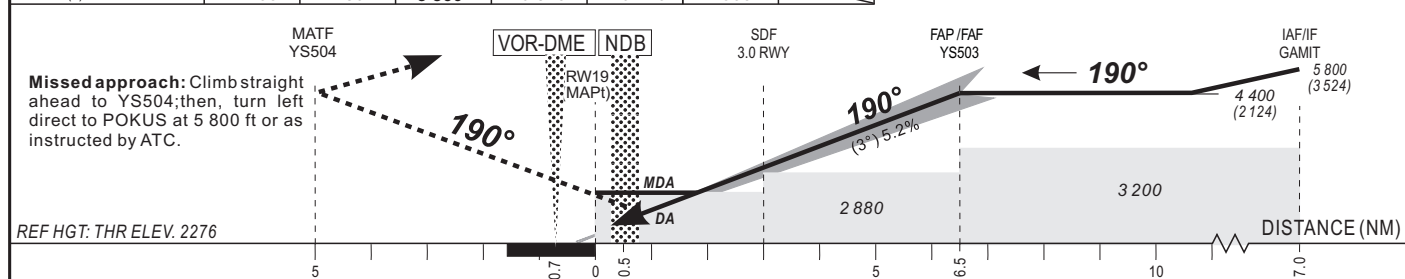
Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ /Nsimalen (FKYS)
ILS W or LOC W - RWY 19
IDENT ILS "YA" FREQ. 109.9

HEIGHTS RELATED TO THRESHOLD 19 ELEVATION



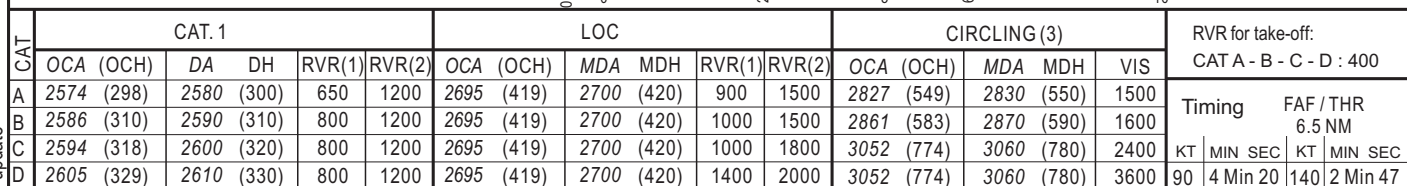
Distance to ILS-DME YA (NM)	FAF	6	5	4	3	2	1	TRANSITION ALTITUDE : 5 800
Altitude (ft)	4 400	4 180	3 860	3 540	3 220	2 900		



CAT	CAT. 1				LOC				CIRCLING (3)			RVR for take-off: CAT A - B - C - D : 400								
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS						
A	2574 (298)	2580 (300)		650	1200	2695 (419)	2700 (420)		900	1500	2827 (549)	2830 (550)		1500						
B	2586 (310)	2590 (310)		800	1200	2695 (419)	2700 (420)		1000	1500	2861 (583)	2870 (590)		1600						
C	2594 (318)	2600 (320)		800	1200	2695 (419)	2700 (420)		1000	1800	3052 (774)	3060 (780)		2400						
D	2605 (329)	2610 (330)		800	1200	2695 (419)	2700 (420)		1400	2000	3052 (774)	3060 (780)		3600						
Notes: - (1) With approach lights - (2) Without approach lights - (3) Daytime only - OCH and MDH AAL - RDH : 15 m - Minimum temperature : 10°C															Timing		FAF / THR 6.5 NM			
															KT	MIN	SEC	KT	MIN	SEC
															90	4	Min 20	140	2	Min 47
															100	3	Min 54	150	2	Min 36
															110	3	Min 33	160	2	Min 26

AMDT13/22 : update

YAOUNDÉ /Nsimalen (FKYS)
ILS Y or ILS X or LOC Y - RWY 19
IDENT ILS "YA" FREQ. 109.9



Timing			FAF / THR 6.5 NM		
KT	MIN	SEC	KT	MIN	SEC
90	4 Min	20	140	2 Min	47
100	3 Min	54	150	2 Min	36
110	3 Min	33	160	2 Min	26
120	3 Min	15	170	2 Min	18
130	3 Min	00	180	2 Min	10

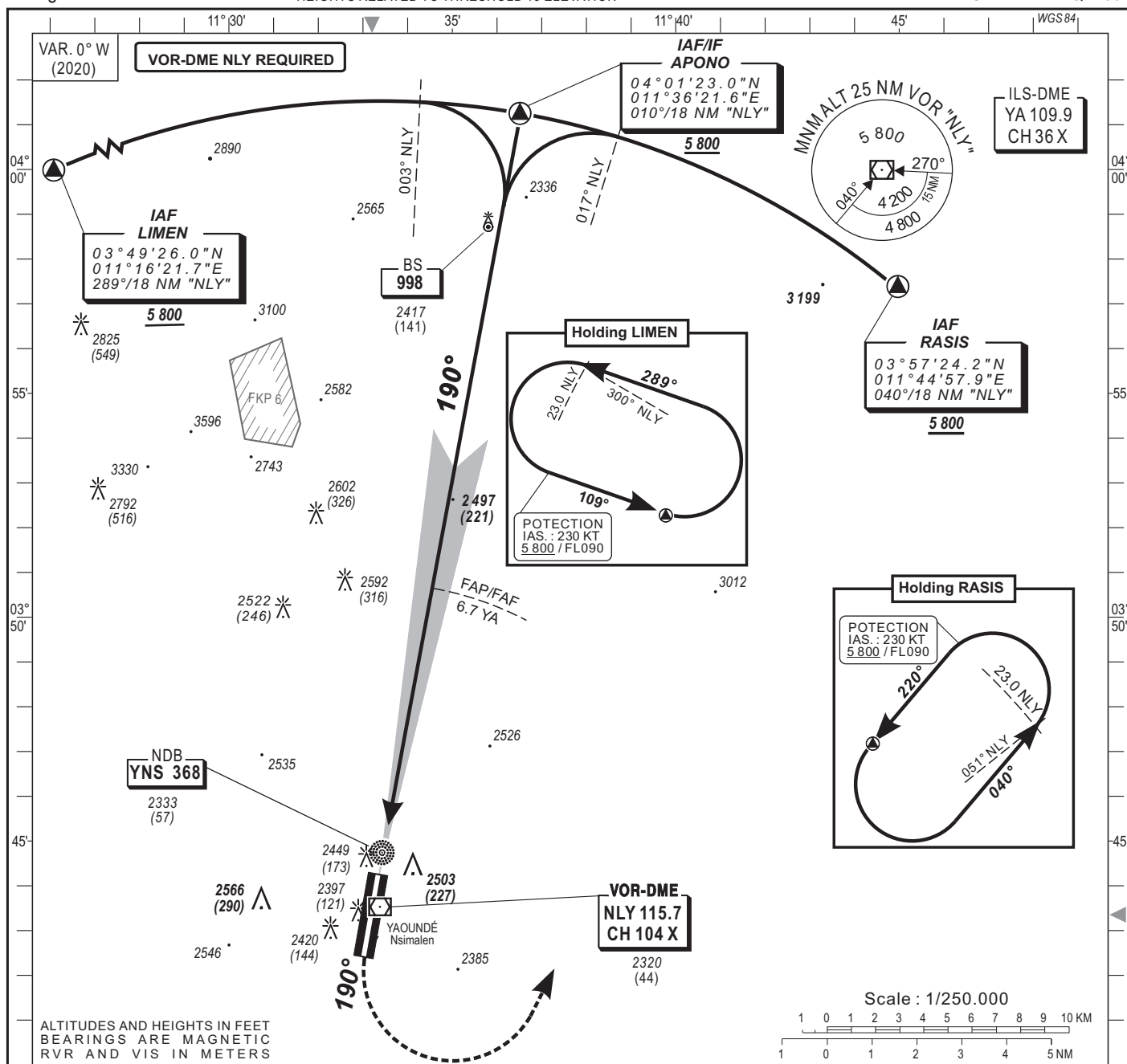
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 276

NSIMALEN Approach : 121.3
NSIMALEN Tower : 119.1

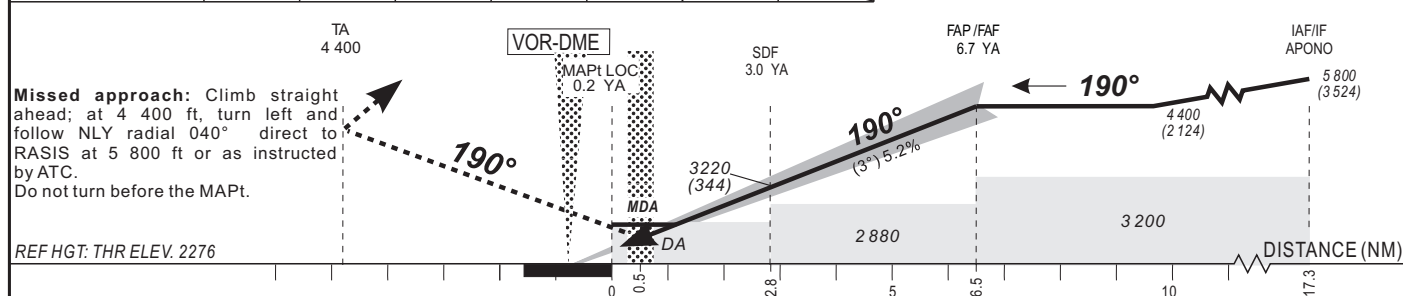
HEIGHTS RELATED TO THRESHOLD 19 ELEVATION

YAOUNDÉ /Nsimalen (FKYS)
ILS Z or LOC Z - RWY 19
IDENT ILS "YA" FREQ. 109.9



Distance to ILS-DME YA (NM)	FAF	6	5	4	3	2	1
Altitude (ft)	4 400	4 180	3 860	3 540	3 220	2 900	

TRANSITION ALTITUDE : 5 800



CAT	CAT. 1				LOC				CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400	
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS
A	2574 (298)	2580 (300)		650	1200	2695 (419)	2700 (420)		900	1500	2827 (549)	2830 (550)		1500
B	2586 (310)	2590 (310)		800	1200	2695 (419)	2700 (420)		1000	1500	2861 (583)	2870 (590)		1600
C	2594 (318)	2600 (320)		800	1200	2695 (419)	2700 (420)		1000	1800	3052 (774)	3060 (780)		2400
D	2605 (329)	2610 (330)		800	1200	2695 (419)	2700 (420)		1400	2000	3052 (774)	3060 (780)		3600

Notes : - (1) With approach lights - (2) Without approach lights
- (3) Daytime only - OCH and MDH AAL
- RDH : 15 m

Timing		FAF / THR 6.5 NM	
		KT	MIN SEC
90	4 Min 20	140	2 Min 47
100	3 Min 54	150	2 Min 36
110	3 Min 33	160	2 Min 26
120	3 Min 15	170	2 Min 18
130	3 Min 00	180	2 Min 10

AMDT 13/22 - update

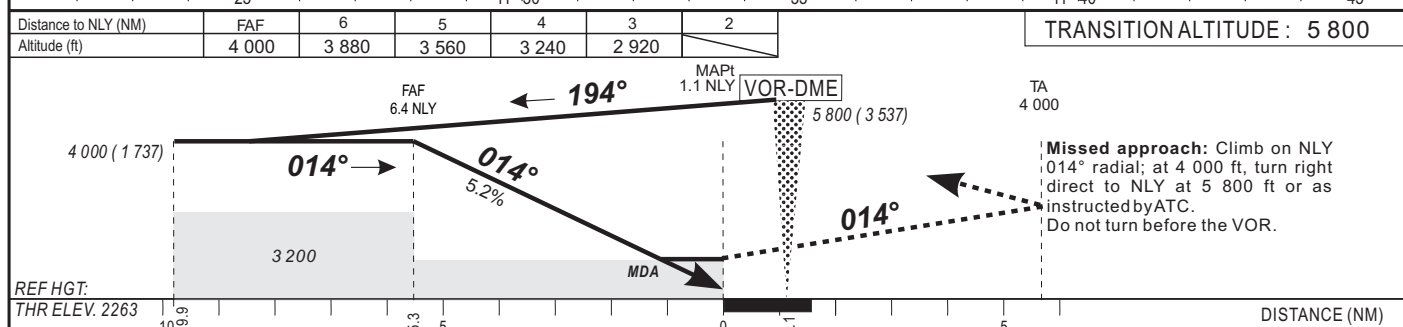
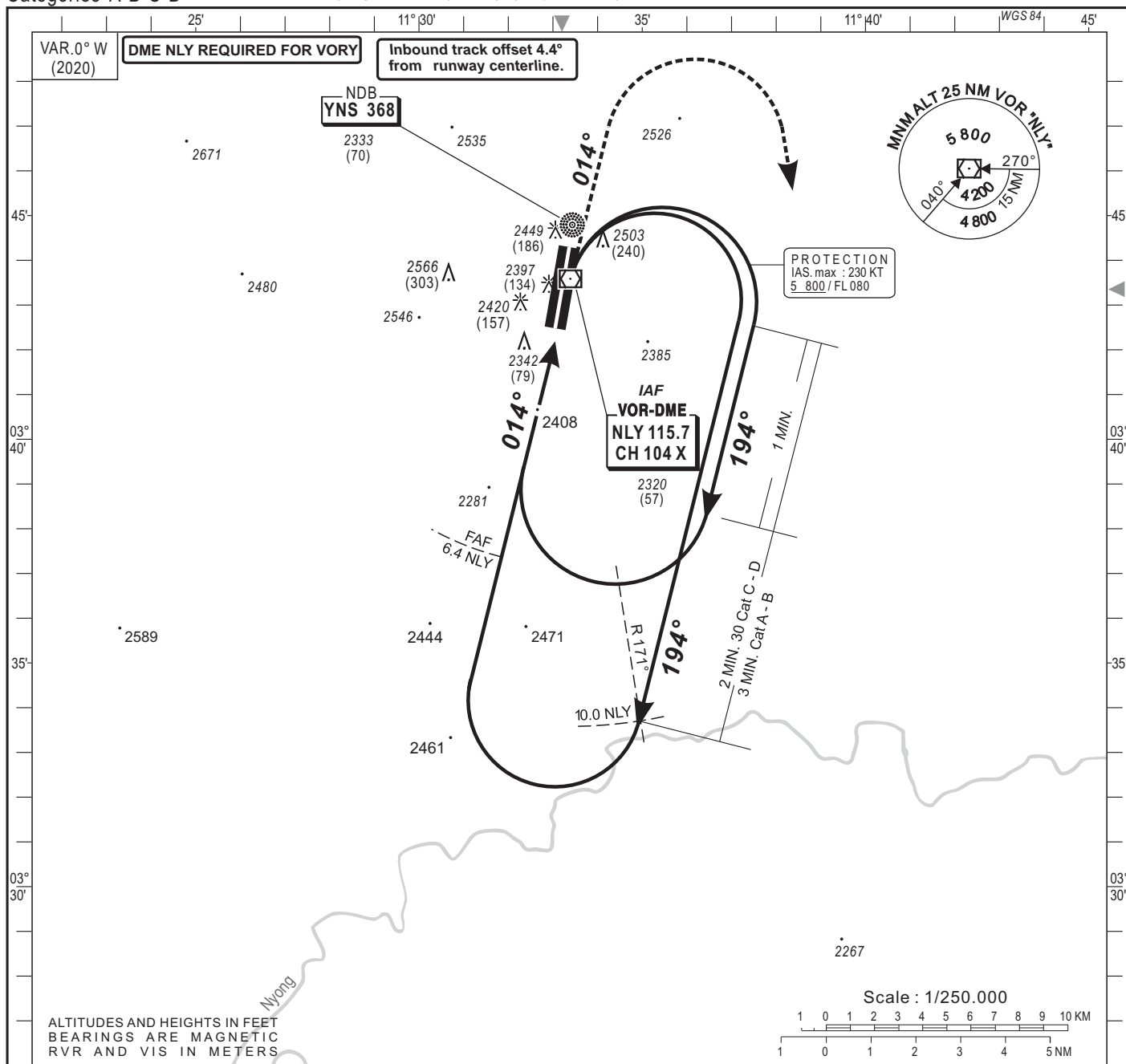
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 263

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

HEIGHTS RELATED TO THRESHOLD 01 ELEVATION

YAOUNDÉ /Nsimalen (FKYS)
VOR Y or VOR X - RWY 01
IDENT VOR "NLY" FREQ. 115.7



CAT	VOR-DME				VOR				CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400	
	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS
A	2858 (595)	2860 (600)	1500	1500	2907 (644)	2910 (650)	1500	1500	2827 (549)	2830 (550)	1500			
B	2858 (595)	2860 (600)	1500	1500	2907 (644)	2910 (650)	1500	1500	2861 (583)	2870 (590)	1600			
C	2858 (595)	2860 (600)	1800	2000	2907 (644)	2910 (650)	1800	2000	3052 (774)	3060 (780)	2400			
D	2858 (595)	2860 (600)	2000	2000	2907 (644)	2910 (650)	2000	2000	3052 (774)	3060 (780)	3600			

Notes : (1) With approach lights - (2) Without approach lights
(3) Daytime only - OCH and MDH AAL

Timing		FAF / THR	
KT	MIN SEC	KT	MIN SEC
90	3 Min 32	140	2 Min 16
100	3 Min 11	150	2 Min 07
110	2 Min 53	160	1 Min 59
120	2 Min 39	170	1 Min 52
130	2 Min 27	180	1 Min 46

AMDT13/22 : update

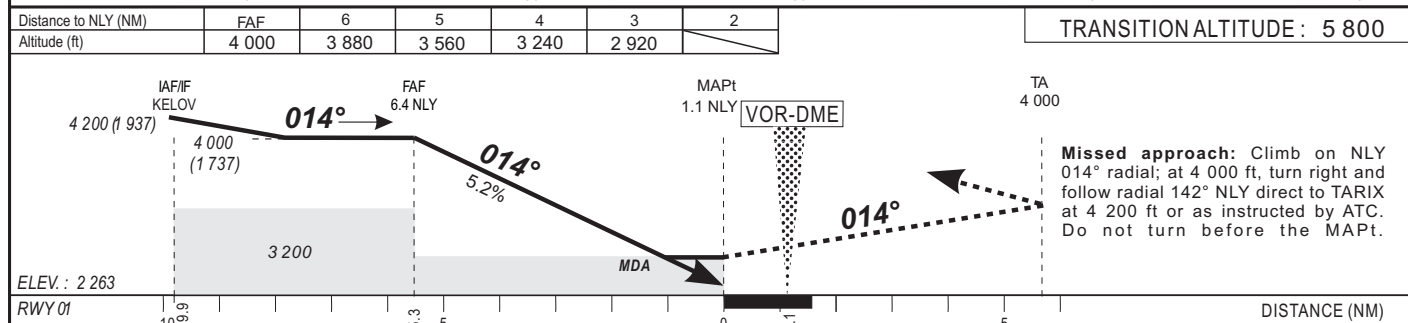
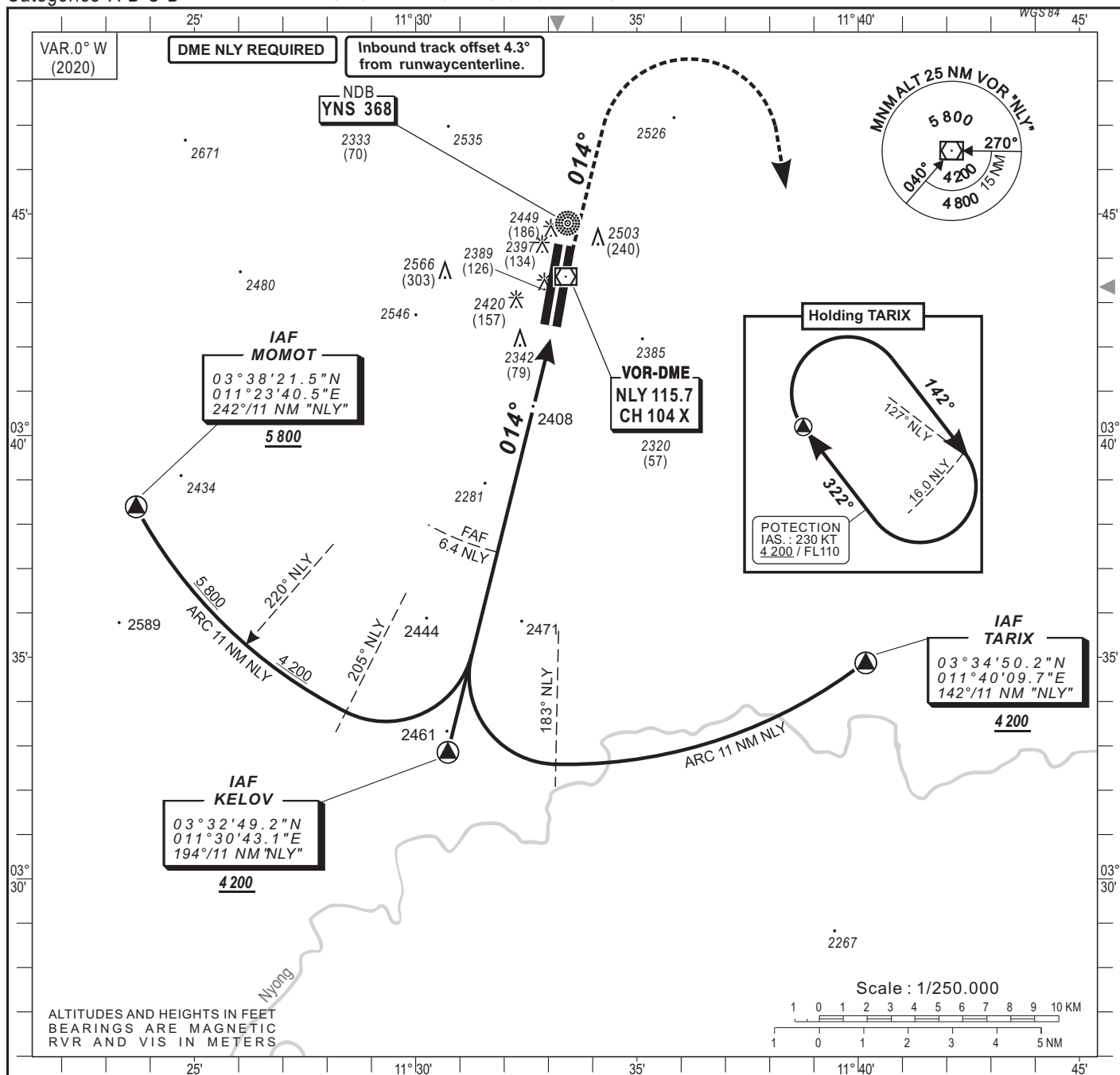
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 263

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ /Nsimalen (FKYS)
VOR Z - RWY 01
IDENT VOR "NLY" FREQ. 115.7

HEIGHTS RELATED TO THRESHOLD 01 ELEVATION



CAT	VOR-DME				CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400	
	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS	
A	2858 (595)	2860 (600)	1500	1500	2827 (549)	2830 (550)	1500			
B	2858 (595)	2860 (600)	1500	1500	2861 (583)	2870 (590)	1600			
C	2858 (595)	2860 (600)	1800	2000	3052 (774)	3060 (780)	2400			
D	2858 (595)	2860 (600)	2000	2000	3052 (774)	3060 (780)	3600			

Notes : (1) With approach lights - (2) Without approach lights
(3) Daytime only - OCH and MDH AAL

Timing		FAF / THR	
KT	MIN SEC	KT	MIN SEC
90	3 Min 32	140	2 Min 16
100	3 Min 11	150	2 Min 07
110	2 Min 53	160	1 Min 59
120	2 Min 39	170	1 Min 52
130	2 Min 27	180	1 Min 46

AMDT13/22 : update

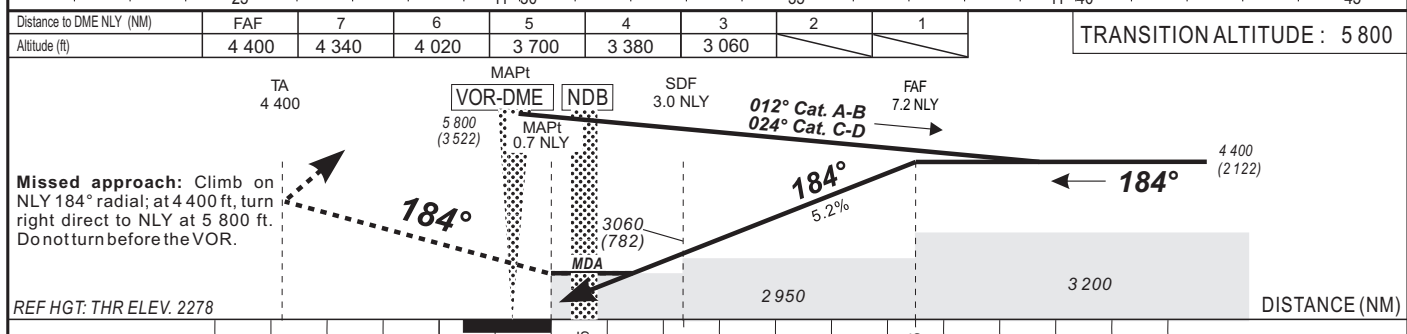
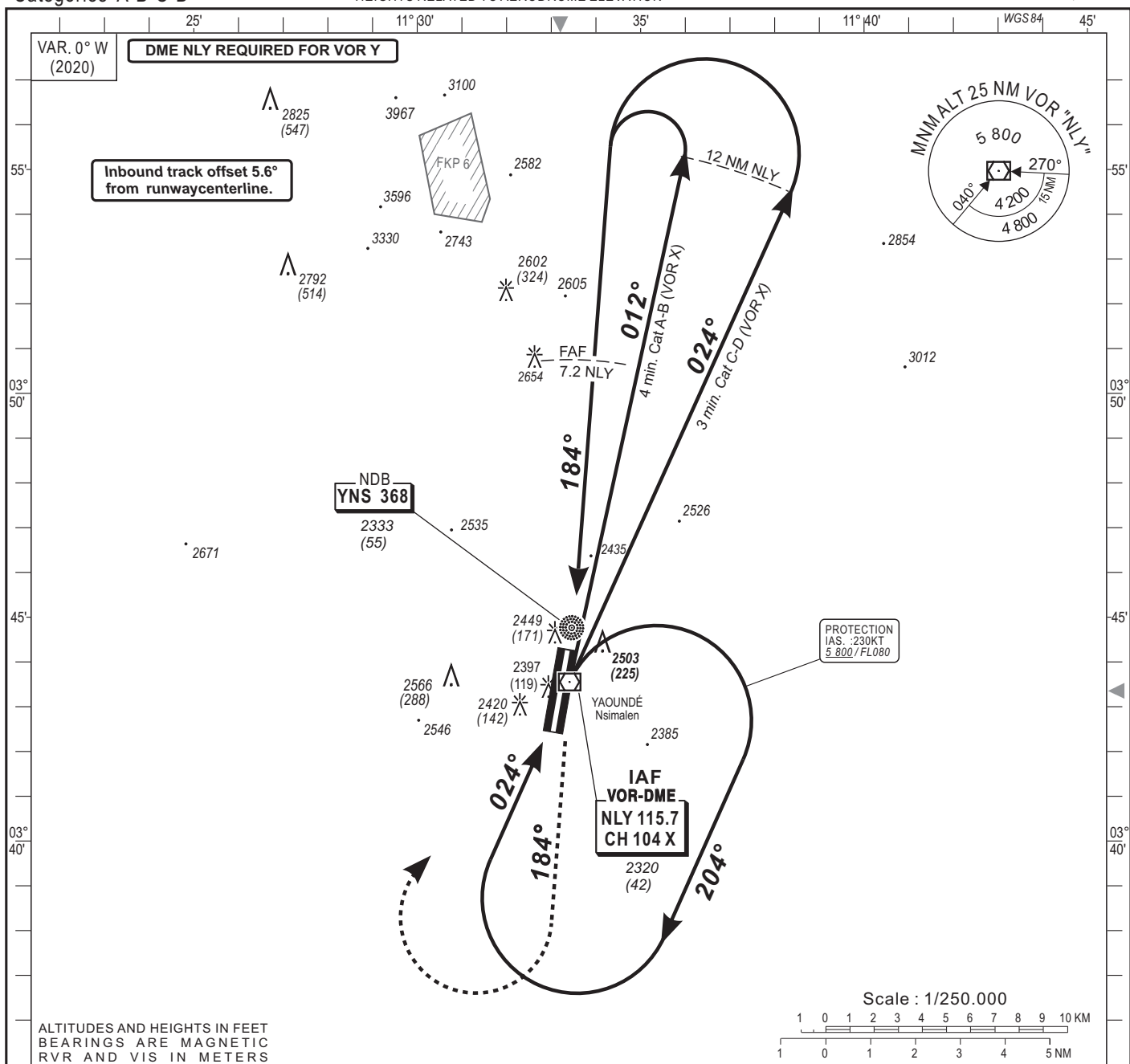
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 276

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ /Nsimalen (FKYS)
VOR Y or VOR X - RWY 19
IDENT VOR " NLY " FREQ. 115.7

HEIGHTS RELATED TO AERODROME ELEVATION



CAT	VOR-DME				VOR				CIRCLING (3)			RVR for take-off: CAT A - B - C - D : 400	
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VIS		
A	2796 (518)	2800 (520)	1000	1500	2983 (705)	2990 (710)	1200	1500	2827 (549)	2830 (550)	1500	Timing FAF / THR 6.5 NM	
B	2796 (518)	2800 (520)	1200	1500	2983 (705)	2990 (710)	1400	1500	2861 (583)	2870 (590)	1600		
C	2796 (518)	2800 (520)	1200	2000	2983 (705)	2990 (710)	1400	2000	3052 (774)	3060 (780)	2400	KT	MIN SEC
D	2796 (518)	2800 (520)	1600	2000	2983 (705)	2990 (710)	1800	2000	3052 (774)	3060 (780)	3600	90	4 Min 20
Notes : - (1) With approach lights - (2) Without approach lights - (3) Daytime only - OCH and MDH AAL												100	3 Min 54
												110	3 Min 33
												120	3 Min 15
												130	3 Min 00
												140	2 Min 10

INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 276

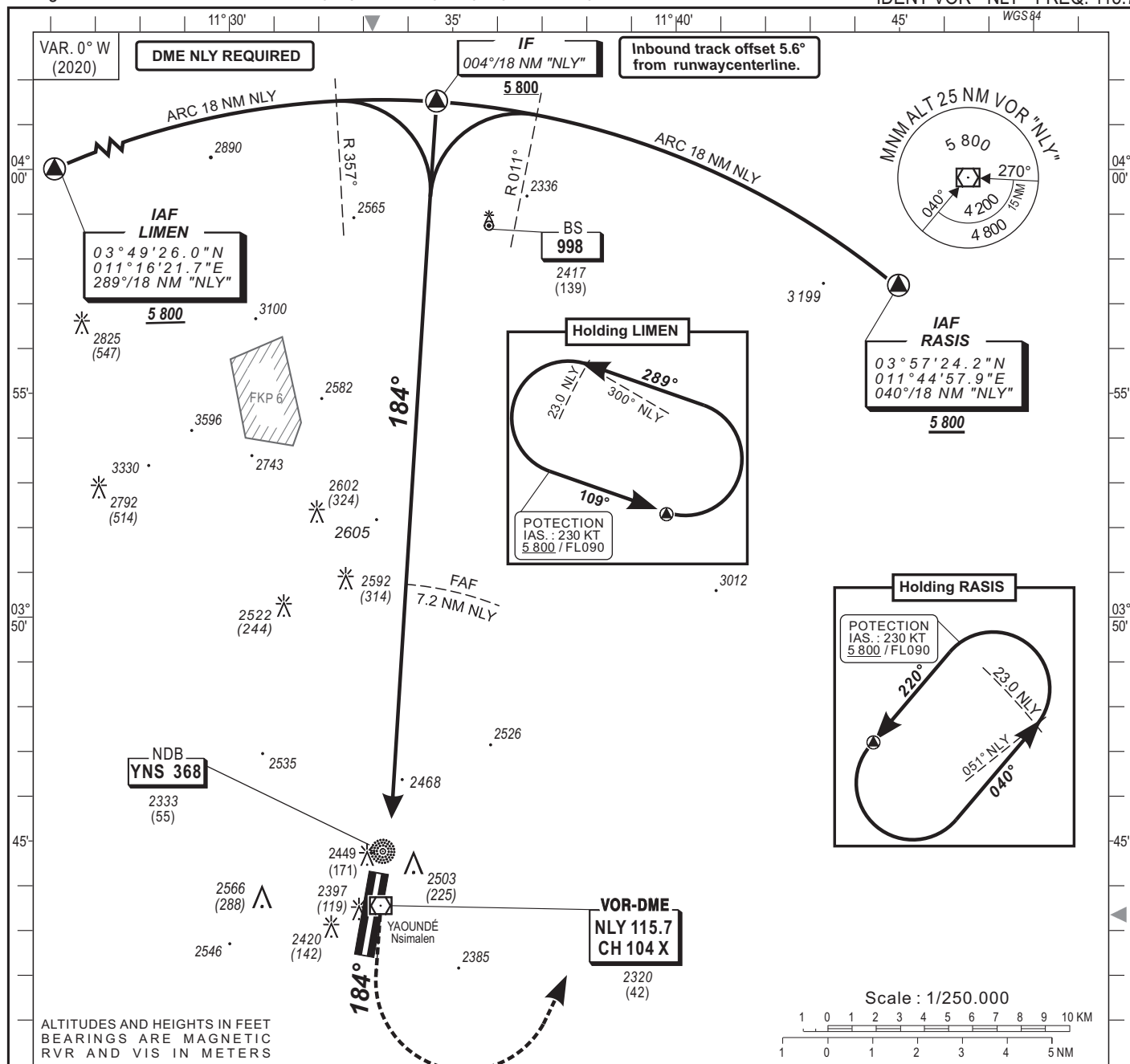
Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

YAOUNDÉ /Nsimalen (FKYS)

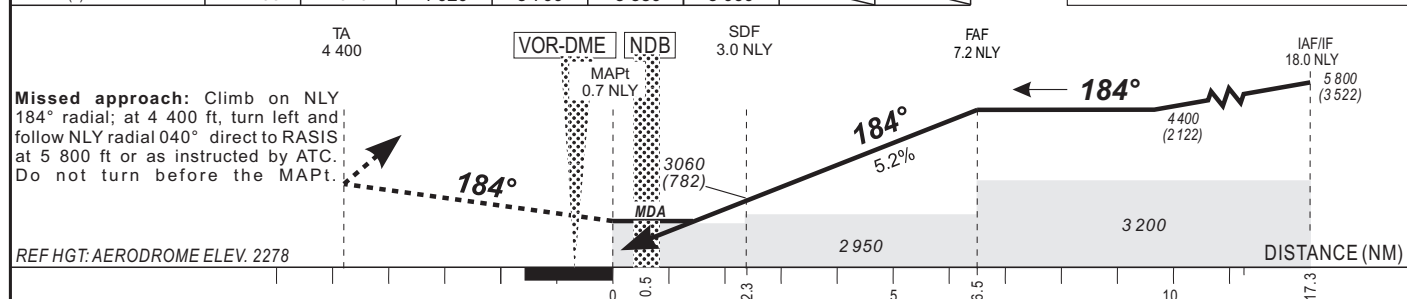
VOR Z - RWY 19

IDENT VOR " NLY " FREQ. 115.7

HEIGHTS RELATED TO AERODROME ELEVATION



Distance to DME NLY (NM)	FAF	7	6	5	4	3	2	1	TRANSITION ALTITUDE : 5 800
Altitude (ft)	4 400	4 340	4 020	3 700	3 380	3 060			



CAT	VOR-DME					CIRCLING (3)								RVR for take-off: CAT A - B - C - D : 400					
	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS										
A	2796 (518)	2800 (520)		1000	1500	2827 (549)	2830 (550)		1500					Timing FAF / THR 6.5 NM					
B	2796 (518)	2800 (520)		1200	1500	2861 (583)	2870 (590)		1600										
C	2796 (518)	2800 (520)		1200	2000	3052 (774)	3060 (780)		2400					KT	MIN	SEC	KT	MIN	SEC
D	2796 (518)	2800 (520)		1600	2000	3052 (774)	3060 (780)		3600					90	4 Min	20	140	2 Min	47

Notes : (1) With approach lights - (2) Without approach lights
(3) Daytime only - OCH and MDH AAL

Timing		FAF / THR 6.5 NM	
KT	MIN SEC	KT	MIN SEC
90	4 Min 20	140	2 Min 47
100	3 Min 54	150	2 Min 36
110	3 Min 33	160	2 Min 26
120	3 Min 15	170	2 Min 18
130	3 Min 00	180	2 Min 10

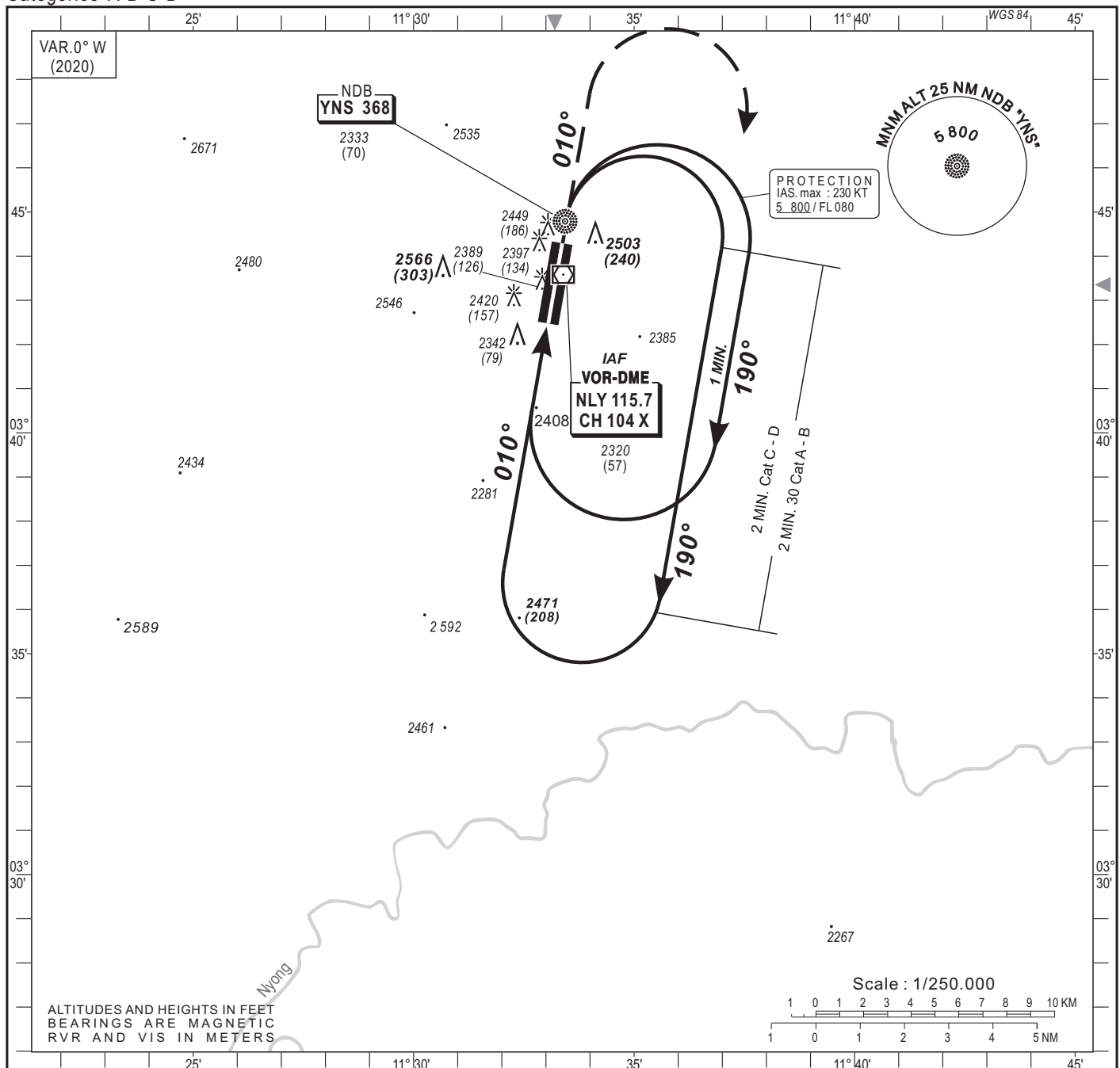
INSTRUMENT
APPROACH CHART
Categories A-B-C-D

ELEV. : 2 278
THR : 2 263

Nsimalen Approach : 121.3
Nsimalen Tower : 119.1

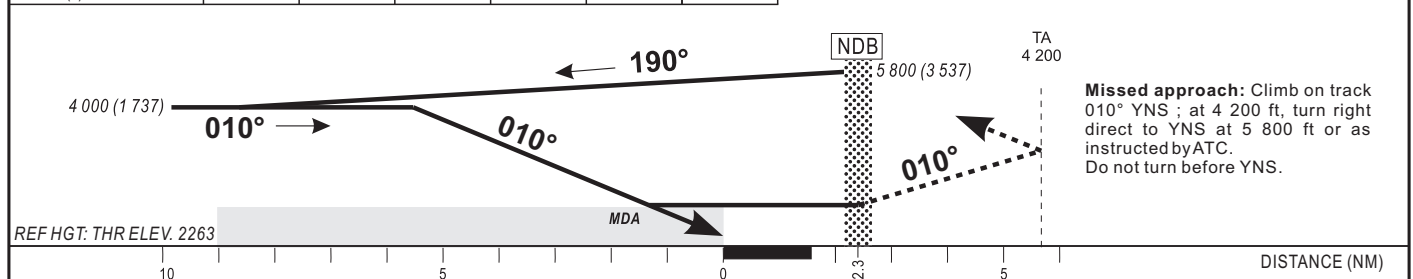
YAOUNDÉ /Nsimalen (FKYS)
NDB - RWY 01
IDENT NDB "YNS" FREQ. 368

HEIGHTS RELATED TO THRESHOLD 01 ELEVATION



Distance to THR (NM)	FAF	6	5	4	3	2
Altitude (ft)						

TRANSITION ALTITUDE : 5 800



CAT	NDB				CIRCLING (3)				RVR for take-off: CAT A - B - C - D : 400
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VIS		
A	2907 (644)	2910 (650)	1500	1500	2827 (549)	2830 (550)	1500		Timing
B	2907 (644)	2910 (650)	1500	1500	2861 (583)	2870 (590)	1600		
C	2907 (644)	2910 (650)	1800	2000	3052 (774)	3060 (780)	2400		
D	2907 (644)	2910 (650)	2000	2000	3052 (774)	3060 (780)	3600		
Notes : (1) With approach lights - (2) Without approach lights (3) Daytime only - OCH and MDH AAL									
									KT MIN SEC KT MIN SEC
									90 140
									100 150
									110 160
									120 170
									130 180

AMDT13/22 : update

INSTRUMENT APPROACH CHART-ICAO

AERODROME ELEV 373 FT

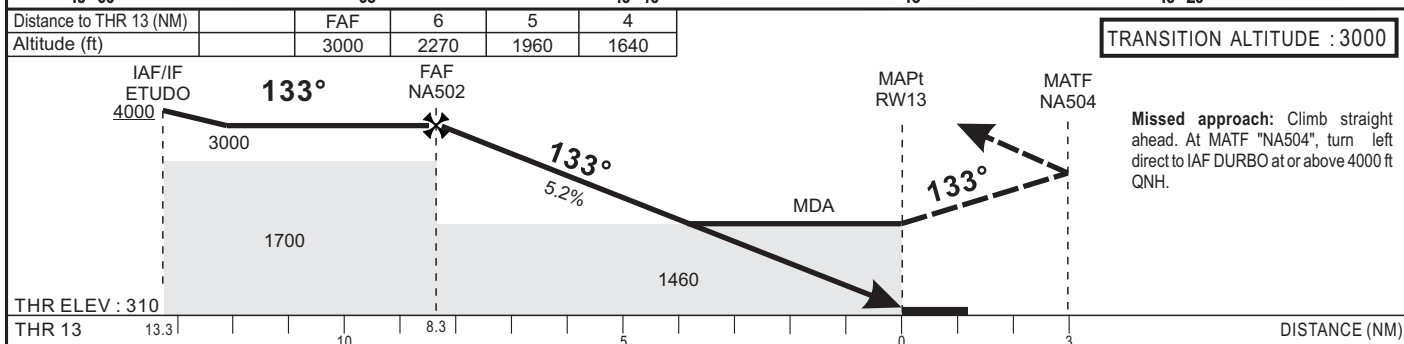
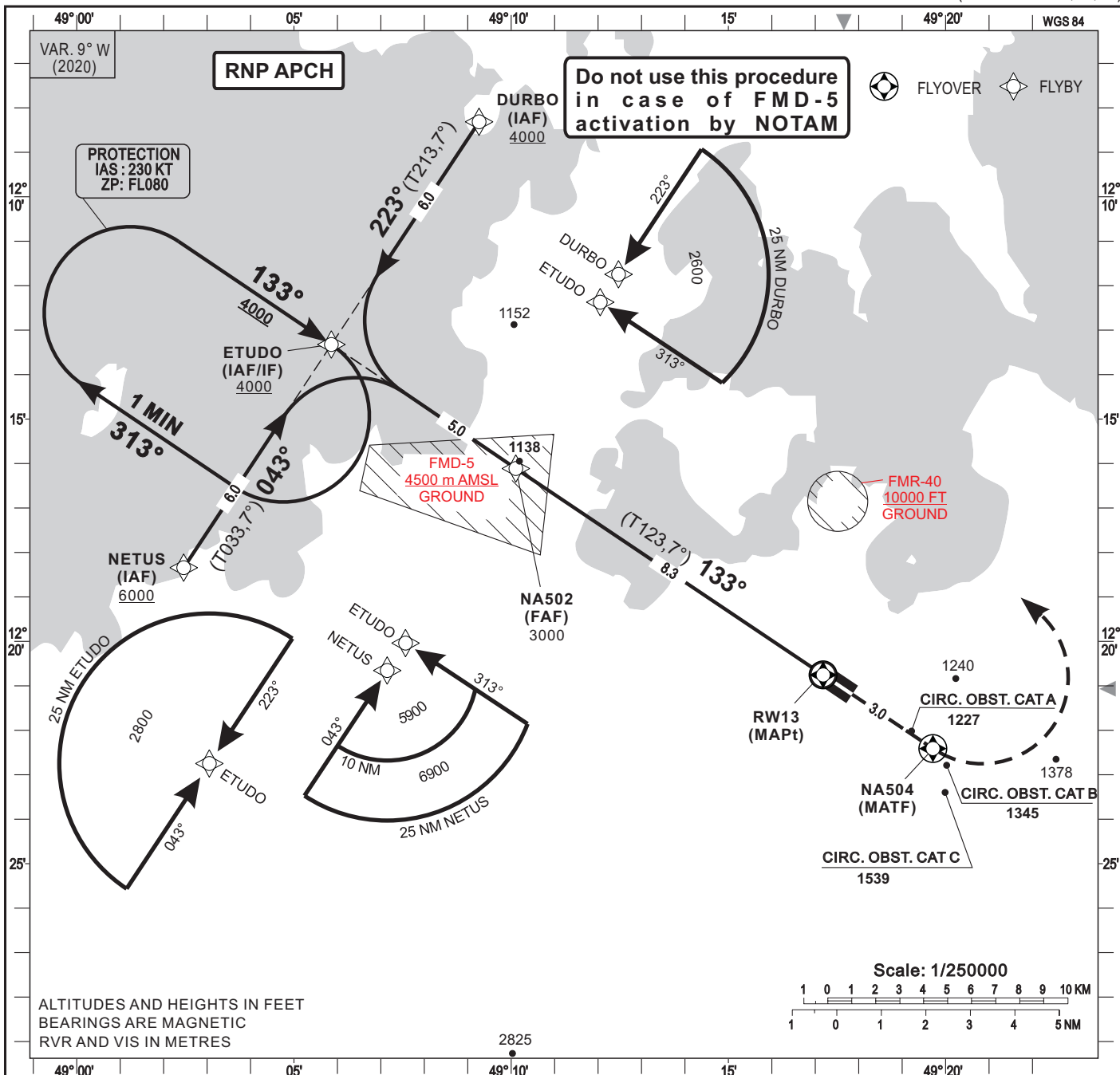
HEIGHTS RELATED TO THR RWY13 - ELEV 310 FT

AFIS 118.9

ANTSIRANANA - Arrachart (FMNA)

RNP - RWY 13

(ACFT CAT A, B, C)



	LNAV			Circling(*)			RVR for take-off CATA - B - C : 400
	OCA (OCH)	MDA (MDH)	RVR	OCA (OCH)	MDA MDH	VIS	
A	1451 (1141)	1460 (1150)	1500	1588 (1215)	1590 (1220)	1500	Timing FAF / THR 8.3 NM KT MIN. SEC KT MIN. SEC 90 5 Min 32 140 3 Min 33 100 4 Min 59 150 3 Min 19 110 4 Min 32 160 3 Min 07 120 4 Min 09 170 2 Min 56 130 3 Min 50 180 2 Min 46
B			1500	1706 (1333)	1710 (1340)	1600	
C			1800	1998 (1625)	2000 (1630)	2400	

Notes : (*) Daytime only - OCH and MDH AAL

AMDT 13/22 : First edition CAT

29 DECEMBER 2022

AERONAUTICAL INFORMATION SERVICE - ASECNA

09AD2-FMNA-IAC-RNP13

TABULAR DESCRIPTION											
RNP RWY 13											
Serial Number	Path Descriptor	Waypoint Identifier	Fly- Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA / TCH	Navigation Specification
10	IF	NETUS	-					+6000	230	-	RNP APCH
20	TF	ETUDO	-	043 (033.7)		6.0		+4000	230	-	RNP APCH
10	IF	DURBO	-					+4000	230	-	RNP APCH
20	TF	ETUDO	-	223 (213.7)		6.0		+4000	230	-	RNP APCH
10	IF	ETUDO	-					+4000	230	-	RNP APCH
20	TF	NA502	-	133 (123.7)		5.0		@3000	230	-	RNP APCH
30	TF	RW13	Y	133 (123.7)	+9.0	8.3		@360	-	-3/15	RNP APCH
40	TF	NA504	Y			3.0	L		-	-	RNP APCH
50	DF	DURBO	-						230		
10	IF	ETUDO							-		
20	HM	ETUDO	Y	133 (123.7)			R	+4000	230	-	RNP APCH

RNP RWY13		
Waypoint Identifier	Coordinates	
NETUS	12°18'20.547"S	049°02'27.748"E
DURBO	12°08'18.855"S	049°09'15.707"E
ETUDO	12°13'19.400"S	049°05'51.692"E
NA502	12°16'06.768"S	049°10'06.479"E
RW13	12°20'44.261"S	049°17'09.333"E
NA504	12°22'24.583"S	049°19'42.337"E

INSTRUMENT APPROACH CHART-ICAO

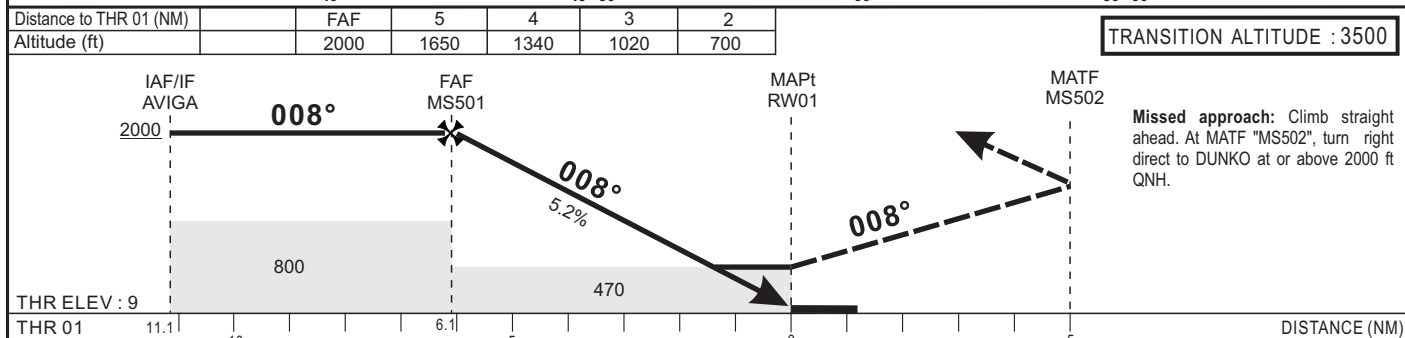
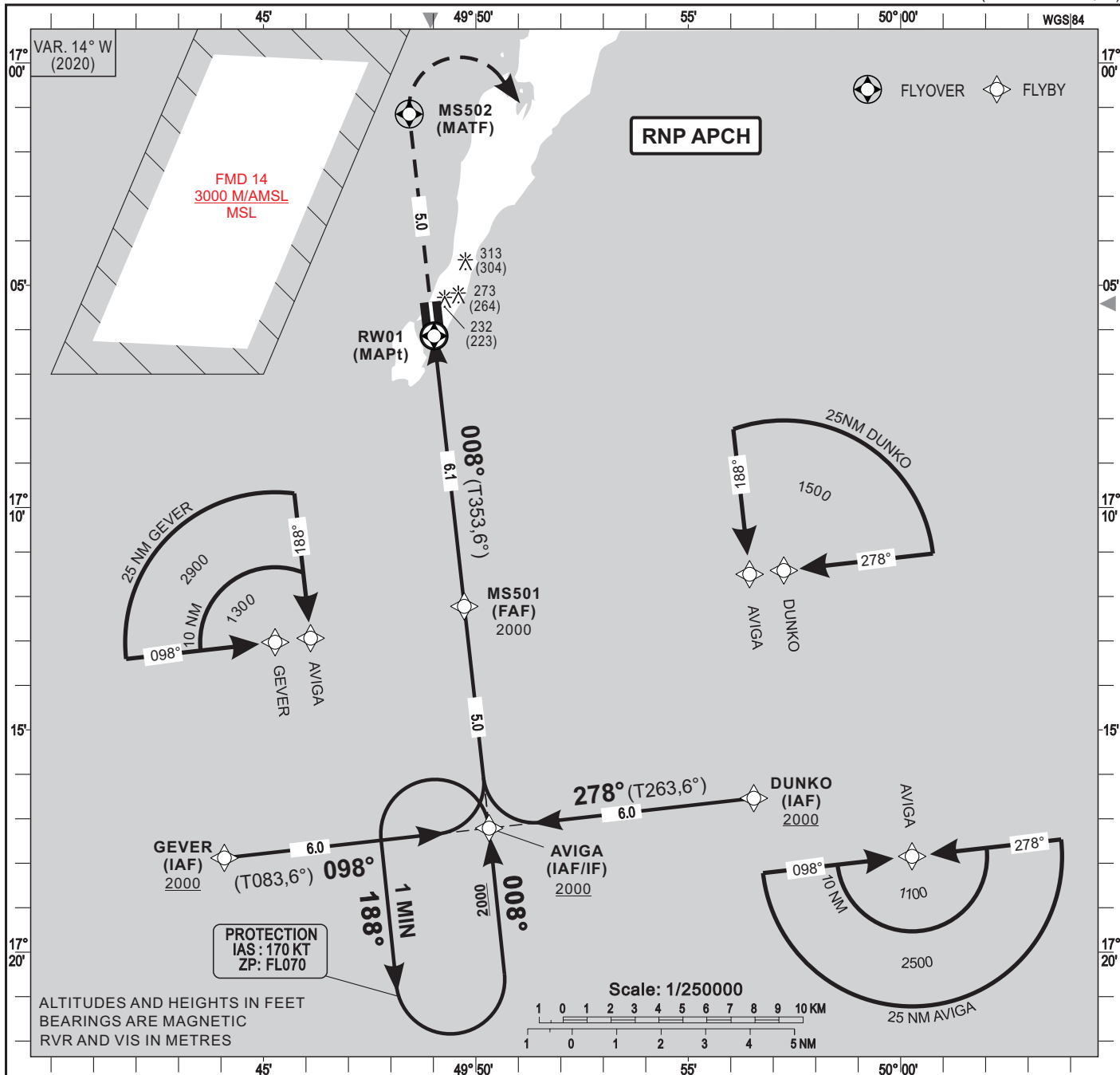
AERODROME ELEV 9 FT

HEIGHTS RELATED TO THR RWY01 - ELEV 9 FT

AFIS 120.3

SAINTE MARIE (FMMS)

RNP - RWY 01
(ACFT CAT A, B)



CAT	LNAV			Circling(*)			RVR for take-off CATA - B : 400	
	OCA (OCH)	MDA (MDH)	RVR	OCA (OCH)	MDA MDH	VIS	Timing	FAF / THR 6.1 NM
A	469 (460)	470 (460)	1500	608 (599)	610 (600)	1500	KT	MIN . SEC
B						1600	90	4 Min 04
							100	3 Min 40
							110	3 Min 20
							120	3 Min 03
							130	2 Min 49

Notes : (*) Daytime only - OCH and MDH AAL

CORRECTIONS : First edition

TABULAR DESCRIPTION											
RNP RWY 01											
Serial Number	Path Descriptor	Waypoint Identifier	Fly- Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA / TCH	Navigation Specification
10	IF	GEVER	-					+2000	170	-	RNP APCH
20	TF	AVIGA	-	098 (083.6)		6.0		+2000	170	-	RNP APCH
10	IF	DUNKO	-					+2000	170	-	RNP APCH
20	TF	AVIGA	-	278 (263.6)		6.0		+2000	170	-	RNP APCH
10	IF	AVIGA	-					+2000	170	-	RNP APCH
20	TF	MS501	-	008 (353.6)		5.0		@2000	170	-	RNP APCH
30	TF	RW01	Y	008 (353.6)	+14.0	6.1		@59	-	-3/15	RNP APCH
40	TF	MS502	Y			5.0	R		-	-	RNP APCH
50	DF	DUNKO	-					+2000	170	-	RNP APCH
10	IF	AVIGA							-		RNP APCH
20	HM	AVIGA	Y	008 (353.6)			L	+2000	170	-	RNP APCH

RNP RWY 01		
Waypoint Identifier	Coordinates	
GEVER	17°17'52.985"S	049°44'04.853"E
AVIGA	17°17'12.630"S	049°50'18.756"E
DUNKO	17°16'32.242"S	049°56'32.633"E
MS501	17°12'13.309"S	049°49'43.667"E
RW01	17°06'08.292"S	049°49'00.921"E
MS502	17°01'08.961"S	049°48'25.902"E

INSTRUMENT APPROACH CHART-ICAO

AERODROME ELEV 9 FT

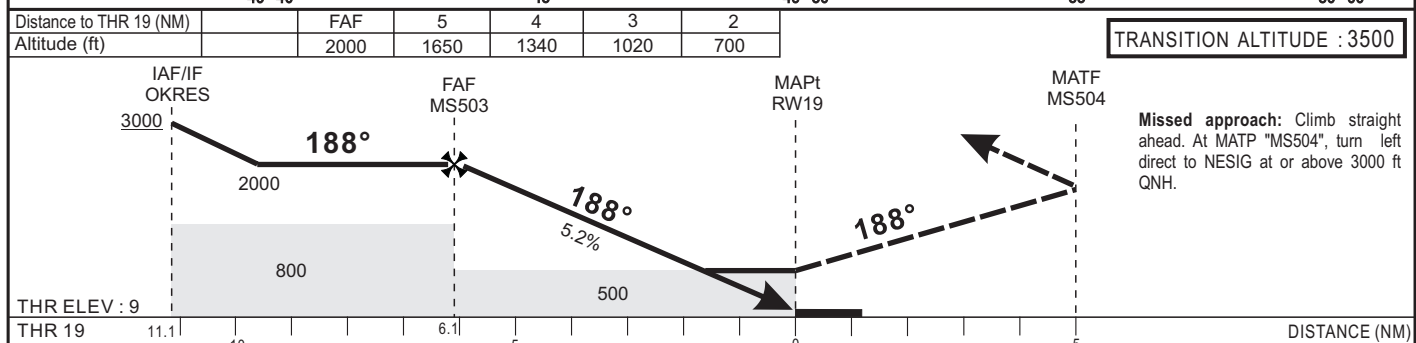
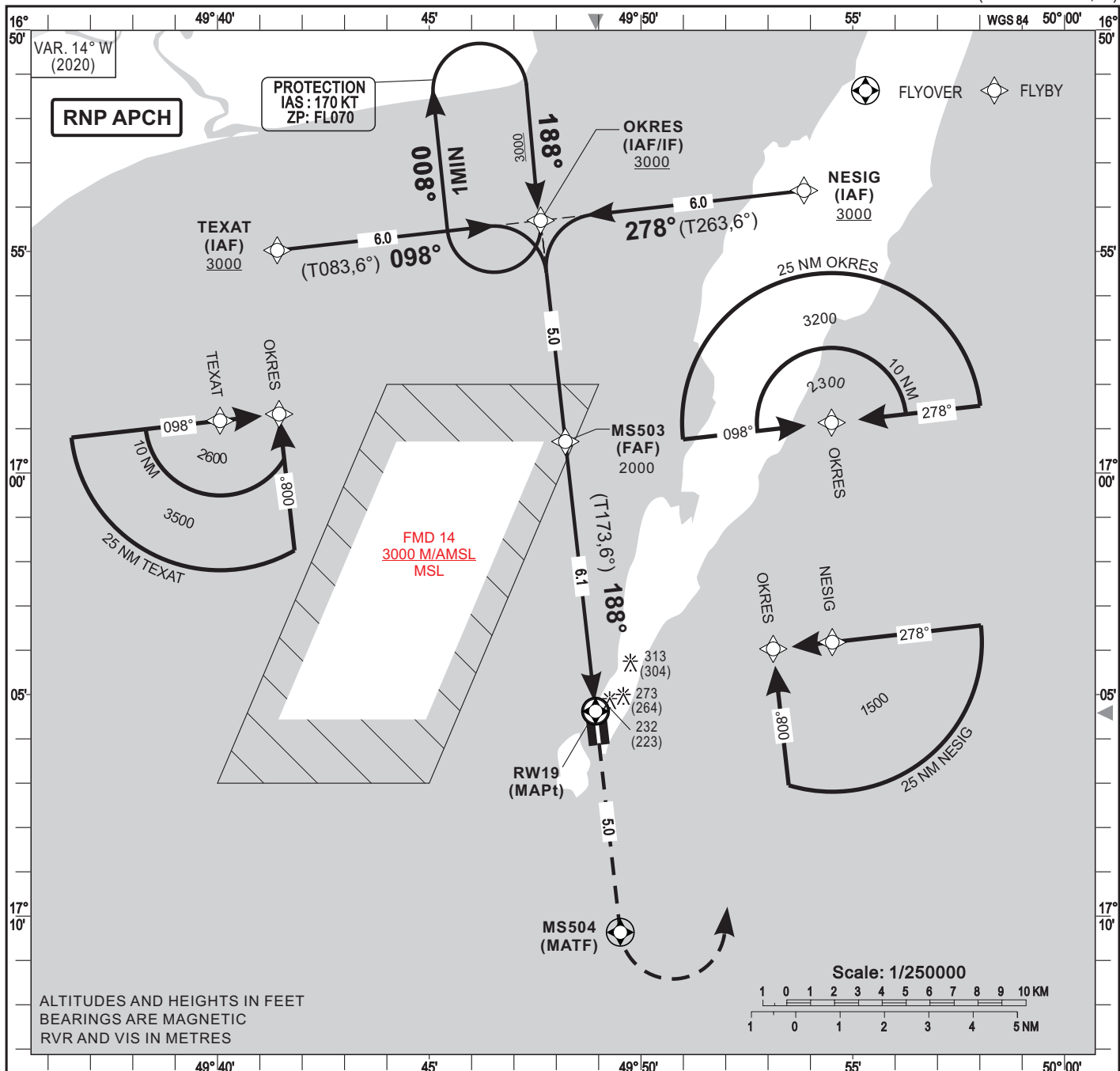
HEIGHTS RELATED TO THR RWY19 - ELEV 9 FT

AFIS 120.3

SAINTE MARIE (FMMS)

RNP - RWY 19

(ACFT CAT A, B)



CAT	LNAV			Circling(*)				RVR for take-off CATA - B : 400	
	OCA (OCH)	MDA (MDH)	RVR	OCA (OCH)	MDA	MDH	VIS	Timing	FAF / THR 6.1 NM
A	492 (483)	500 (490)	1500	608 (599)	610	(600)	1500	90	4 Min 04
B							1600	100	3 Min 40
								110	3 Min 20
								120	3 Min 03
								130	2 Min 49

Notes : (*) Daytime only - OCH and MDH AAL

AMDT 13/22 : First edition

TABULAR DESCRIPTION											
RNP RWY 19											
Serial Number	Path Descriptor	Waypoint Identifier	Fly- Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA / TCH	Navigation Specification
10	IF	TEXAT	-					+3000	170	-	RNP APCH
20	TF	OKRES	-	098 (083.6)		6.0		+3000	170	-	RNP APCH
10	IF	NESIG	-					+3000	170	-	RNP APCH
20	TF	OKRES	-	278 (263.6)		6.0		+3000	170	-	RNP APCH
10	IF	OKRES	-					+3000	170	-	RNP APCH
20	TF	MS503	-	188 (173.6)		5.0		@2000	170	-	RNP APCH
30	TF	RW19	Y	188 (173.6)	+14.0	6.1		@59	-	-3/15	RNP APCH
40	TF	MS504	Y			5.0	L		-	-	RNP APCH
50	DF	NESIG	-					+3000	170		
10	IF	OKRES	-						-		RNP APCH
20	HM	OKRES	Y	188 (173.6)			R	+3000	170	-	RNP APCH

RNP RWY 19		
Waypoint Identifier	Coordinates	
TEXAT	16°54'58.371"S	049°41'24.734"E
OKRES	16°54'18.060"S	049°47'37.881"E
NESIG	16°53'37.559"S	049°53'50.984"E
MS503	16°59'17.396"S	049°48'12.858"E
RW19	17°05'22.494"S	049°48'55.561"E
MS504	17°10'21.821"S	049°49'30.607"E

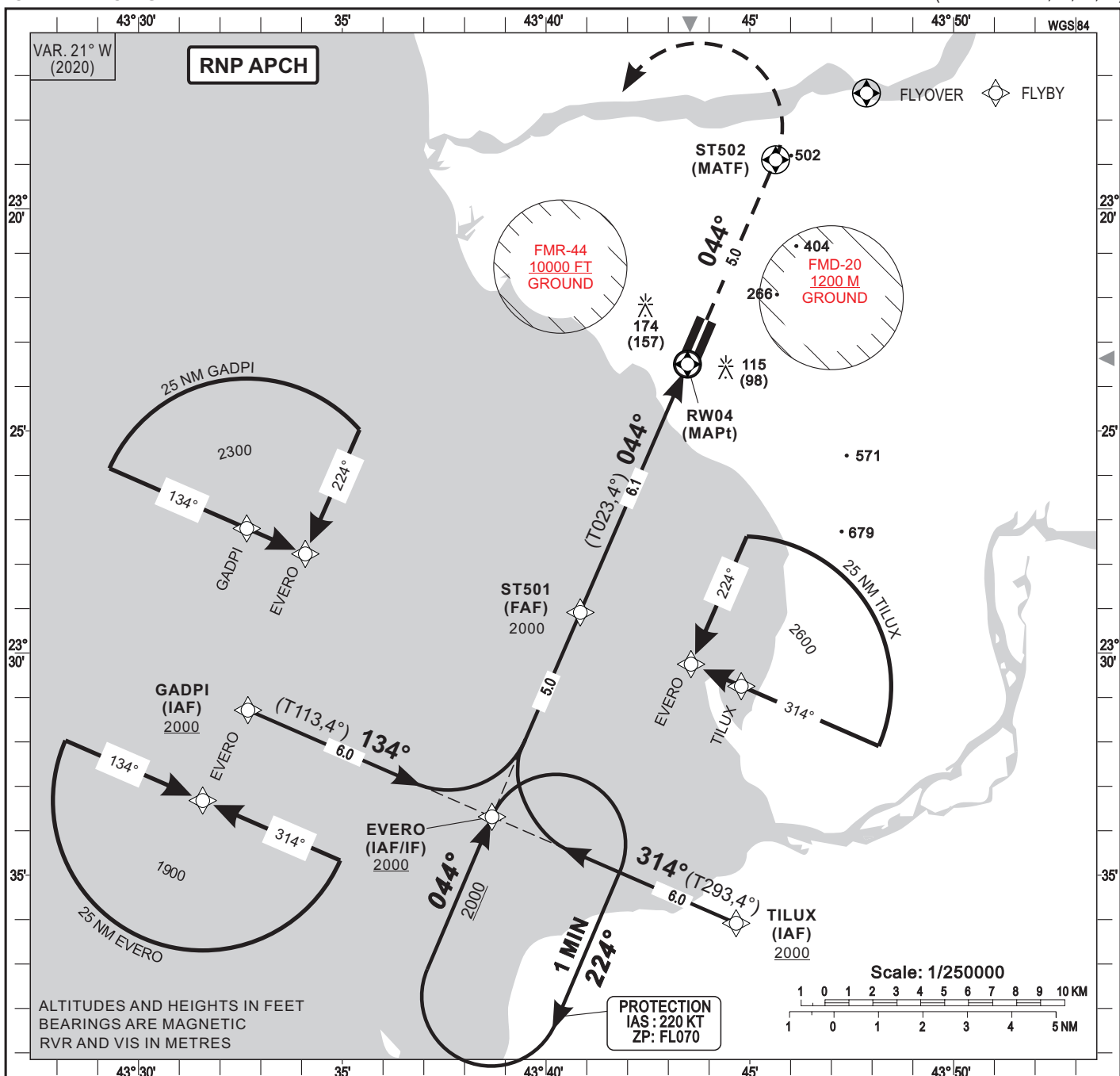
INSTRUMENT APPROACH CHART-ICAO

AERODROME ELEV 37 FT

AFIS 118.6

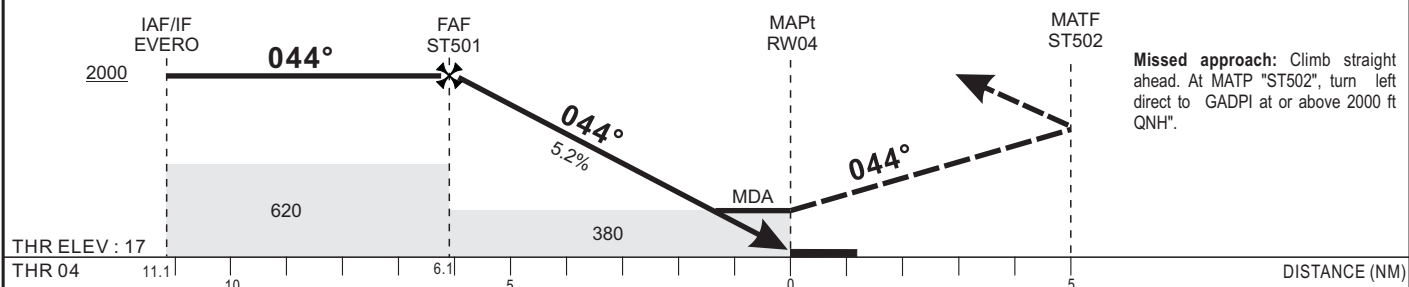
TOLIARY (FMST)
RNP - RWY 04
(ACFT CAT A, B, C, D)

HEIGHTS RELATED TO THR RWY04 - ELEV 17 FT



Distance to THR 04 (NM)	FAF	5	4	3	2
Altitude (ft)	2000	1660	1340	1030	710

TRANSITION ALTITUDE : 3500



CAT	LNAV			Circling(*)				RVR for take-off CATA - B - C - D : 400
	OCA (OCH)	MDA (MDH)	RVR	OCA (OCH)	MDA MDH	VIS		
A			1500	627 (590)	630 (590)	1500		
B			1500	765 (728)	770 (730)	1600		
C	373 (356)	380 (360)	1800	1031 (994)	1040 (1000)	2400		
D			2000	1139 (1102)	1140 (1100)	3600		

Timing				FAF / THR 6.1 NM			
KT	MIN	SEC	KT	MIN	SEC	KT	MIN
90	4	Min 04	140	2	Min 37		
100	3	Min 40	150	2	Min 26		
110	3	Min 20	160	2	Min 17		
120	3	Min 03	170	2	Min 09		
130	2	Min 49	180	2	Min 02		

Notes : (*) Daytime only - OCH and MDH AAL

AMDT 13/22 : First edition

29 DECEMBER 2022

AERONAUTICAL INFORMATION SERVICE - ASECA

09AD2-FMST-IAC-RNP04

TABULAR DESCRIPTION											
RNP RWY 04											
Serial Number	Path Descriptor	Waypoint Identifier	Fly- Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA / TCH	Navigation Specification
10	IF	GADPI	-					+2000	230	-	RNP APCH
20	TF	EVERO	-	134 (113.4)		6.0		+2000	230	-	RNP APCH
10	IF	TILUX	-					+2000	230	-	RNP APCH
20	TF	EVERO	-	314 (293.4)		6.0		+2000	230	-	RNP APCH
10	IF	EVERO	-					+2000	230	-	RNP APCH
20	TF	ST501	-	044 (023.4)		5.0		@2000	230	-	RNP APCH
30	TF	RW04	Y	044 (023.4)	+21.0	6.1		@67	-	-3/15	RNP APCH
40	TF	ST502	Y			5.0	L		-	-	RNP APCH
50	DF	GADPI	-					+2000	230	-	RNP APCH
10	IF	EVERO	-						-		RNP APCH
20	HM	EVERO	Y	044 (023.4)			R	+2000	220	-	RNP APCH

RNP RWY 04		
Waypoint Identifier	Coordinates	
GADPI	23°31'17.610"S	043°32'40.912"E
EVERO	23°33'41.174"S	043°38'40.406"E
TILUX	23°36'04.719"S	043°44'40.284"E
ST501	23°29'05.090"S	043°40'50.445"E
RW04	23°23'29.772"S	043°43'28.161"E
ST502	23°18'53.616"S	043°45'37.868"E

TABULAR DESCRIPTION											
RNP RWY 22											
Serial Number	Path Descriptor	Waypoint Identifier	Fly- Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA / TCH	Navigation Specification
10	IF	DUVRI	-					+3000	230	-	RNP APCH
20	TF	UNKAL	-	134 (113.4)		6.0		+3000	230	-	RNP APCH
10	IF	NIDEK	-					+3000	230	-	RNP APCH
20	TF	UNKAL	-	314 (293.4)		6.0		+3000	230	-	RNP APCH
10	IF	UNKAL	-					+3000	230	-	RNP APCH
20	TF	ST503	-	224 (203.4)		5.0		@2000	230	-	RNP APCH
30	TF	RW22	Y	224 (203.4)	+21.0	6.0		@87	-	-3/15	RNP APCH
40	TF	ST504	Y			5.0	R		-	-	RNP APCH
50	DF	DUVRI	-					+3000	230	-	RNP APCH
10	IF	UNKAL	-						-		RNP APCH
20	HM	UNKAL	Y	224 (203.4)			L	+3000	220	-	RNP APCH

RNP RWY 22		
Waypoint Identifier	Coordinates	
DUVRI	23°09'58.184"S	043°42'43.102"E
UNKAL	23°12'21.753"S	043°48'41.640"E
NIDEK	23°14'45.381"S	043°54'40.277"E
ST503	23°16'57.955"S	043°46'32.144"E
RW22	23°22'29.898"S	043°43'56.297"E
ST504	23°27'06.029"S	043°41'46.473"E