

**BULLETIN DE MISE A JOUR***Updating bulletin***AMDT 10 / 2023****DATE DE MISE EN VIGUEUR / IMPLEMENTATION DATE 2023-10-05**

CHANGEMENTS DANS CET AMENDEMENT		CHANGEMENTS DANS CET AMENDEMENT	
<i>Changes in this amendment</i>		<i>Changes in this amendment</i>	
Sections	<i>Sujets / Subjects</i>	Sections	<i>Sujets / Subjects</i>
GEN		AD 1	
13 GEN 3.6	SENEGAL – Search & Rescue contacts update	13 AD 1.3-1	THIES – ICAO Location indicator
ENR		AD 2	
07 ENR 1.6	LIBREVILLE – SSR information update	02 AD 2.DBBB	COTONOU – PAPI RWY 06/24 Information update
02 ENR 1.8	OUAGADOUGOU – Revision of contingency plan	09 AD 2.FMMI	ANTANANARIVO – Aerodrome Information update AD 2.6
00 ENR 3.2	UG 727 – Withdrawal of VOR TJN	12 AD 2.DRRR	TAHOUA – Withdrawal of NDB TA
00 ENR 4.4	5LNC – TEKSO, MERUD, KEPS, LUMPO, BIKOM, XUVIT, TARIM GARPO, NATAS	12 AD 2.DRRM	MARADI – Withdrawal of NDB MY
02 ENR 5.1	OUAGADOUGOU – Prohibited Area DFP4	AD 2.24	
AD 1		03 AD 2.24.FKKD	DOUALA – Update of 03 AD2-FKKD-APDC
05 AD 1.5	BRAZZA – Aerodrome certification information update		
08 AD 1.3-31	ANNOBON – Information update		

NOTAM INTEGRES					
<i>NOTAM incorporated</i>					
BNI Dakar / NOF Dakar		BNI Brazzaville / NOF Brazzaville		BNI Antananarivo / NOF Antananarivo	
Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number
A1133/23	B0279/23	B0155/23			
B0278/23	C0086/23				
C0084/23					

SUP AIP INTEGRES					
<i>AIP SUP incorporated</i>					
BNI Dakar / NOF Dakar		BNI Brazzaville / NOF Brazzaville		BNI Antananarivo / NOF Antananarivo	
Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number	Numéro / Number
67/A/23GO	07/B/23GO	71/A/23FC	73/A/23FC	27/A/23FM	
68/A/23GO	06/B/23GO	58/A/21FC			
60/A/23GO	69/A/23GO				
63/A/23GO					

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BULLETIN DE MISE A JOUR

Updating bulletin

NON AIRAC MIA NR 10/2023

DATE DE MISE EN VIGUEUR / IMPLEMENTATION DATE 2023-10-05

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13-GEN-2.4.3	05 OCT 2023	13 GEN 2.4.3	10 AUG 2023
13-GEN-3.6.1	05 OCT 2023	13 GEN 3.6.1	23 FEB 2023
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07-ENR-1.6.13	05 OCT 2023	07 ENR 1.6.13	07 SEP 2023
03-ENR-2.1.4	05 OCT 2023	03 ENR 2.1.4	05 DEC 2019
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00-ENR-3.2.94	05 OCT 2023	00 ENR 3.2.94	19 MAY 2022
00-ENR-4.4.2	05 OCT 2023	00 ENR 4.4.2	29 DEC 2022



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13-AD-1.3.35	05 OCT 2023	13 AD 1.3.35	10 AUG 2023
AEROPORT INTERNATIONAL CARDINAL BERNARDIN GANTIN/CADJEHOUN			
01-AD-2.DBBB.8	05 OCT 2023	01 AD-2.DBBB.8	30 DEC 2021
ANTANANARIVO / IVATO			
09-AD-2.FMMI.3	05 OCT 2023	09 AD-2.FMMI.3	27 JAN 2022
MARADI			
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TAHOUA			
12-AD-2.DRRT.10	05 OCT 2023	12 AD-2.DRRT.10	13 AUG 2020
AD-2.24			
03 AD-2.FKKD-APDC	05 OCT 2023	03 AD-2.FKKD-APDC	15 JUN 2023

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
11/22	31 OCT 2022	03 NOV 2022					
12/22	28 NOV 2022	01 DEC 2022					
13/22	23 DEC 2022	29 DEC 2022					
02/23	20 FEB 2023	23 FEB 2023					
03/23	20 MAR 2023	23 MAR 2023					
04/23	17 APR 2023	20 APR 2023					
05/23	15 MAY 2023	18 MAY 2023					
06/23	12 JUN 2023	15 JUN 2023					
07/23	10 JUL 2023	13 JUL 2023					
08/23	07 AUG 2023	10 AUG 2023					
09/23	04 SEP 2023	07 SEP 2023					
10/23	02 OCT 2023	05 OCT 2023					



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GEN 0.4 LISTE DE CONTRÔLE MIA
CHECKLIST MIA

Part 1 Généralités (GEN) General (GEN)					
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00 GEN 0.1-1	05 DEC 2019	00 GEN 1.7-12	08 NOV 2018	05 GEN 1.1-2	20 APR 2023
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15 GEN 3.5-6	20 APR 2023	07 GEN 4.3-7	23 FEB 2023	00 ENR 0.6-6	07 SEP 2023
15 GEN 3.6-1	25 FEB 2021	07 GEN 4.3-8	23 FEB 2023	00 ENR 0.6-7	07 SEP 2023
15 GEN 3.6-2	25 FEB 2021	07 GEN 4.3-9	23 FEB 2023	00 ENR 0.6-8	07 SEP 2023
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		07 GEN 4.3-15	23 FEB 2023	00 ENR 1.1-2	05 DEC 2019
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		12 GEN 4.3-6	28 MAR 2019	00ENR6-ASECNA-ENRCP-WA	06 OCT
		12 GEN 4.3-7	28 MAR 2019	2022	
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		15 GEN 4.3-4	08 NOV 2018	00 ENR 1.14.01	28 FEB 2019
		16 GEN 4.3-1	23 FEB 2023	00 ENR 1.14.02	28 FEB 2019
		17 GEN 4.3-1	23 FEB 2023	00 ENR 1.14.03	28 FEB 2019
				00 ENR 1.14.04	28 FEB 2019



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00ENR4-ASECNA-NAVAID-OC	28 FEB
2019	
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00ENR4-ASECNA-VHF-OC	28 FEB 2019
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01 ENR 5.4-2	08 NOV 2018	09 ENR 5.3-20	08 NOV 2018	2022	
02 ENR 5.1-1	05 OCT 2023	09 ENR 5.3-21	08 NOV 2018	Part 3.1 Aérodroines (AD) Aerodromes (AD)	
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05 ENR 5.4-3	15 JUN 2023	11 ENR 5.4-2	08 NOV 2018	00 AD 0.6-25	07 SEP 2023
06 ENR 5.1-1	05 DEC 2019	12 ENR 5.1-1	08 NOV 2018	00 AD 0.6-26	07 SEP 2023
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		13ENR5-GO-GOR4	28 FEB 2019		



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04 AD 1.3-33 20 APR 2023
04 AD 1.3-34 18 MAY 2023
04 AD 1.3-35 18 MAY 2023
05 AD 1.3-1 20 MAY 2021
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
05 AD 1.5-1 05 OCT 2023
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 20 APR 2023
07 AD 1.3-32 20 APR 2023
07 AD 1.3-33 20 APR 2023
07 AD 1.3-34 20 APR 2023
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 05 OCT 2023
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 23 FEB 2023
09 AD 1.3-37 20 APR 2023
10 AD 1.3-1 21 MAY 2020
10 AD 1.3-2 21 MAY 2020
10AD1-GA-AD 28 FEB 2019
10 AD 1.3-31 08 OCT 2020
10 AD 1.3-32 15 JUL 2021
10 AD 1.3-33 23 FEB 2023
10 AD 1.5-1 08 OCT 2020
11 AD 1.3-1 07 SEP 2023
11AD1-GQ-AD 28 FEB 2019
11 AD 1.3-31 07 SEP 2023
11 AD 1.3-32 07 SEP 2023
11 AD 1.3-33 07 SEP 2023
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 05 OCT 2023
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 10 AUG 2023
13 AD 1.3-34 10 AUG 2023
13 AD 1.3-35 05 OCT 2023
13 AD 1.5-1 20 APR 2023
14 AD 1.3-1 28 JAN 2021
14 AD 1.3-2 28 JAN 2021
14AD1-FT-AD 28 FEB 2019
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 18 MAY 2023
01 AD-2.DBBB-5 30 DEC 2021
01 AD-2.DBBB-6 30 DEC 2021
01 AD-2.DBBB-7 18 MAY 2023
01 AD-2.DBBB-8 05 OCT 2023
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
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 23 FEB 2023
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 10 AUG 2023
02 AD-2.DFOO-2 20 APR 2023
02 AD-2.DFOO-3 20 APR 2023
02 AD-2.DFOO-4 20 APR 2023
02 AD-2.DFOO-5 20 APR 2023
02 AD-2.DFOO-6 23 FEB 2023
02 AD-2.DFOO-7 25 MAR 2021
02 AD-2.DFOO-8 15 AUG 2019
02 AD-2.DFOO-9 20 APR 2023
02 AD-2.DFOO-10 13 AUG 2020

DOUALA

03 AD-2.FKKD-1 23 MAR 2023
03 AD-2.FKKD-2 23 MAR 2023
03 AD-2.FKKD-3 23 MAR 2023
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 23 MAR 2023
03 AD-2.FKKD-12 24 FEB 2022
03 AD-2.FKKD-13 23 MAR 2023
03 AD-2.FKKD-14 20 APR 2023
03 AD-2.FKKD-15 20 APR 2023

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 13 JUL 2023
03 AD-2.FKKR-4 29 DEC 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 23 FEB 2023
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 23 MAR 2023
05 AD-2.FCBB-2 23 MAR 2023
05 AD-2.FCBB-3 20 APR 2023

05 AD-2.FCBB-4 23 MAR 2023
05 AD-2.FCBB-5 18 MAY 2023
05 AD-2.FCBB-6 18 MAY 2023
05 AD-2.FCBB-7 15 JUN 2023
05 AD-2.FCBB-8 15 JUN 2023
05 AD-2.FCBB-9 15 JUN 2023
05 AD-2.FCBB-10 15 JUN 2023
05 AD-2.FCBB-11 15 JUN 2023
05 AD-2.FCBB-12 15 JUN 2023
05 AD-2.FCBB-13 15 JUN 2023
05 AD-2.FCBB-14 15 JUN 2023
05 AD-2.FCBB-15 15 JUN 2023
05 AD-2.FCBB-16 23 MAR 2023
05 AD-2.FCBB-17 23 MAR 2023
05 AD-2.FCBB-18 23 MAR 2023
05 AD-2.FCBB-19 23 MAR 2023
05 AD-2.FCBB-20 23 MAR 2023
05 AD-2.FCBB-21 23 MAR 2023
05 AD-2.FCBB-22 23 MAR 2023
05 AD-2.FCBB-23 18 MAY 2023
05 AD-2.FCBB-24 23 MAR 2023

**POINTE NOIRE / ANTONIO
AGOSTINHO NETO**

05 AD-2.FCPP-1 13 JUL 2023
05 AD-2.FCPP-2 15 JUN 2023
05 AD-2.FCPP-3 15 JUN 2023
05 AD-2.FCPP-4 15 JUN 2023
05 AD-2.FCPP-5 15 JUN 2023
05 AD-2.FCPP-6 24 MAR 2022
05 AD-2.FCPP-7 15 JUN 2023
05 AD-2.FCPP-8 13 JUL 2023
05 AD-2.FCPP-9 23 APR 2020
05 AD-2.FCPP-10 24 MAR 2022
05 AD-2.FCPP-11 15 JUN 2023
05 AD-2.FCPP-12 10 AUG 2023

**OLLOMBO / DENIS SASSOU
N'GUESSO**

05 AD-2.FCOD-1 15 JUN 2023
05 AD-2.FCOD-2 15 JUN 2023
05 AD-2.FCOD-3 15 JUN 2023
05 AD-2.FCOD-4 15 JUN 2023
05 AD-2.FCOD-5 15 JUN 2023
05 AD-2.FCOD-6 15 JUN 2023
05 AD-2.FCOD-7 15 JUN 2023
05 AD-2.FCOD-8 15 JUN 2023
05 AD-2.FCOD-9 15 JUN 2023
05 AD-2.FCOD-10 15 JUN 2023
05 AD-2.FCOD-11 15 JUN 2023
05 AD-2.FCOD-12 15 JUN 2023

**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 10 AUG 2023
06 AD-2.DIAP-18 13 AUG 2020

YAMOOUSSOUKRO

06 AD-2.DIYO-1 25 FEB 2021
06 AD-2.DIYO-2 15 AUG 2019
06 AD-2.DIYO-3 15 AUG 2019
06 AD-2.DIYO-4 15 AUG 2019
06 AD-2.DIYO-5 17 JUN 2021
06 AD-2.DIYO-6 13 AUG 2020
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 13 JUL 2023
06 AD-2.DIBK-8 25 FEB 2021
06 AD-2.DIBK-9 25 FEB 2021
06 AD-2.DIBK-10 13 JUL 2023

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 18 MAY 2023
07 AD-2.FOOL-3 23 MAR 2023
07 AD-2.FOOL-4 23 MAR 2023
07 AD-2.FOOL-5 24 FEB 2022
07 AD-2.FOOL-6 15 JUN 2023
07 AD-2.FOOL-7 15 JUN 2023
07 AD-2.FOOL-8 23 MAR 2023
07 AD-2.FOOL-9 12 AUG 2021
07 AD-2.FOOL-10 23 FEB 2023
07 AD-2.FOOL-11 23 MAR 2023
07 AD-2.FOOL-12 17 JUN 2021
07 AD-2.FOOL-13 17 JUN 2021
07 AD-2.FOOL-14 23 MAR 2023
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	23 FEB 2023
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	23 FEB 2023
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	07 SEP 2023
08 AD-2.FGSL-4	20 APR 2023
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	20 APR 2023
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	20 APR 2023
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	20 APR 2023
09 AD-2.FMMI-2	20 APR 2023
09 AD-2.FMMI-3	05 OCT 2023
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	20 APR 2023
09 AD-2.FMMI-16	21 APR 2022
09 AD-2.FMMI-17	20 APR 2023
09 AD-2.FMMI-18	23 APR 2020
09 AD-2.FMMI-19	20 APR 2023
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.FMNT-1	03 NOV 2022
09 AD-2.FMNT-2	24 MAR 2022
09 AD-2.FMNT-3	14 JUL 2022
09 AD-2.FMNT-4	11 AUG 2022
09 AD-2.FMNT-5	24 MAR 2022
09 AD-2.FMNT-6	24 MAR 2022
09 AD-2.FMNT-7	24 MAR 2022
09 AD-2.FMNT-8	24 MAR 2022
09 AD-2.FMNT-9	19 MAY 2022
09 AD-2.FMNT-10	11 AUG 2022
09 AD-2.FMNT-11	11 AUG 2022
09 AD-2.FMNT-12	11 AUG 2022
09 AD-2.FMNT-13	03 NOV 2022
09 AD-2.FMNT-14	11 AUG 2022

NOSY-BE / FASCENE

09 AD-2.FMNN-1	15 JUN 2023
09 AD-2.FMNN-2	15 JUN 2023
09 AD-2.FMNN-3	15 JUN 2023
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	15 JUN 2023

09 AD-2.FMNN-11	15 JUN 2023
09 AD-2.FMNN-12	15 JUN 2023

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	23 FEB 2023

SAINTE-MARIE

09 AD-2.FMMS-1	10 AUG 2023
09 AD-2.FMMS-2	05 NOV 2020
09 AD-2.FMMS-3	05 NOV 2020
09 AD-2.FMMS-4	13 JUL 2023
09 AD-2.FMMS-5	13 JUL 2023
09 AD-2.FMMS-6	13 JUL 2023
09 AD-2.FMMS-7	13 JUL 2023
09 AD-2.FMMS-8	13 JUL 2023
09 AD-2.FMMS-9	10 AUG 2023
09 AD-2.FMMS-10	13 JUL 2023

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 20 APR 2023
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 07 SEP 2023
10 AD-2.GABS-2 07 SEP 2023
10 AD-2.GABS-3 20 APR 2023
10 AD-2.GABS-4 10 AUG 2023
10 AD-2.GABS-5 10 AUG 2023
10 AD-2.GABS-6 21 MAY 2020
10 AD-2.GABS-7 07 SEP 2023
10 AD-2.GABS-8 25 MAR 2021
10 AD-2.GABS-9 21 MAY 2020
10 AD-2.GABS-10 07 SEP 2023
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 23 FEB 2023
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 20 APR 2023
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 23 FEB 2023
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

ATAR

11 AD-2.GQPA-1 07 SEP 2023
11 AD-2.GQPA-2 07 SEP 2023
11 AD-2.GQPA-3 07 SEP 2023
11 AD-2.GQPA-4 07 SEP 2023
11 AD-2.GQPA-5 07 SEP 2023
11 AD-2.GQPA-6 07 SEP 2023
11 AD-2.GQPA-7 07 SEP 2023
11 AD-2.GQPA-8 07 SEP 2023
11 AD-2.GQPA-9 07 SEP 2023
11 AD-2.GQPA-10 07 SEP 2023

NEMA

11 AD-2.GQNI-1 07 SEP 2023
11 AD-2.GQNI-2 07 SEP 2023

11 AD-2.GQNI-3 07 SEP 2023
11 AD-2.GQNI-4 07 SEP 2023
11 AD-2.GQNI-5 07 SEP 2023
11 AD-2.GQNI-6 07 SEP 2023
11 AD-2.GQNI-7 07 SEP 2023
11 AD-2.GQNI-8 07 SEP 2023
11 AD-2.GQNI-9 07 SEP 2023

ZOUERATE / TAZADIT

11 AD-2.GQPZ-1 07 SEP 2023
11 AD-2.GQPZ-2 07 SEP 2023
11 AD-2.GQPZ-3 07 SEP 2023
11 AD-2.GQPZ-4 07 SEP 2023
11 AD-2.GQPZ-5 07 SEP 2023
11 AD-2.GQPZ-6 07 SEP 2023
11 AD-2.GQPZ-7 07 SEP 2023
11 AD-2.GQPZ-8 07 SEP 2023
11 AD-2.GQPZ-9 07 SEP 2023

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 05 OCT 2023
12 AD-2.DRRM-6 05 OCT 2023
12 AD-2.DRRM-7 05 OCT 2023
12 AD-2.DRRM-8 05 OCT 2023
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 05 OCT 2023
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 05 OCT 2023
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/LEOPOLDSEDARSENHOR

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 18 MAY 2023
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 07 SEP 2023
13 AD-2.GOSS-2 07 SEP 2023
13 AD-2.GOSS-3 07 SEP 2023
13 AD-2.GOSS-4 07 SEP 2023
13 AD-2.GOSS-5 07 SEP 2023
13 AD-2.GOSS-6 07 SEP 2023
13 AD-2.GOSS-7 07 SEP 2023
13 AD-2.GOSS-8 07 SEP 2023
13 AD-2.GOSS-9 07 SEP 2023
13 AD-2.GOSS-10 07 SEP 2023

13 AD-2.GOSS-11 07 SEP 2023
13 AD-2.GOSS-12 07 SEP 2023

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 20 APR 2023
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 18 MAY 2023
14 AD-2.FTTJ-9 20 APR 2023
14 AD-2.FTTJ-10 27 FEB 2020
14 AD-2.FTTJ-11 20 APR 2023

SARH

14 AD-2.FTTA-1 18 MAY 2023
14 AD-2.FTTA-2 18 MAY 2023
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 18 MAY 2023
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 20 APR 2023
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 20 APR 2023
15 AD-2.DXXX-14 20 APR 2023
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 23 FEB 2023
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 23 MAR 2023
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 10 AUG 2023
02AD2-DFFD-STAR-RNAV04 15 JUN 2023
02AD2-DFFD-STAR-RNAV-RWY04-DATA 15 JUN 2023
02AD2-DFFD-SID RNAV-RWY04 15 JUN 2023
02AD2-DFFD-SID-RNAV-RWY04-DATA 03 NOV 2022
02AD2-DFFD-SID-RNAV22 15 JUN 2023
02AD2-DFFD-SID RNAV-RWY22-DATA 15 JUN 2023
02AD2-DFFD-STAR-RNAV22 15 JUN 2023
02AD2-DFFD-STAR-RNAV22-DATA 15 JUN 2023
02AD2-DFFD-STAR-VORDME04 15 JUN 2023
02AD2-DFFD-STAR-VORDME22 15 JUN 2023
02AD2-DFFD-RMAC 27 JAN 2022
02AD2-DFFD-RMAC-DATA 27 JAN 2022
02AD2-DFFD-IAC-RNP04 15 JUN 2023
02AD2-DFFD-IAC-RNP04-DATA 15 JUN 2023
02AD2-DFFD-IAC-RNP22 21 APR 2022
02AD2-DFFD-IAC-RNP22-DATA 21 APR 2022
02AD2-DFFD-IAC-ILSX04 15 JUN 2023
02AD2-DFFD-IAC-ILSX04-DATA 15 JUN 2023
02AD2-DFFD-IAC-ILSY04 21 APR 2022
02AD2-DFFD-IAC-ILSZ04 15 JUN 2023
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 15 JUN 2023
03AD2-FKKD-APDC 05 OCT 2023
03AD2-FKKD-AOC 15 JUN 2023
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-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 10 AUG 2023
03AD2-FKKD-VLC 10 AUG 2023
03AD2-FKKD-CVFR-01 10 AUG 2023
03AD2-FKKD-CVFR-02 10 AUG 2023
03AD2-FKKD-CVFR-03 10 AUG 2023
03AD2-FKKD-ILC 10 AUG 2023

GAROUA

03AD2-FKKR-ADC 15 JUN 2023
03AD2-FKKR-APDC 15 JUN 2023
03AD2-FKKR-AOC 15 JUN 2023
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-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 10 AUG 2023
03AD2-FKKR-VLC 10 AUG 2023
03AD2-FKKR-CVFR-01 10 AUG 2023
03AD2-FKKR-CVFR-02 10 AUG 2023
03AD2-FKKR-ILC 10 AUG 2023

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 10 AUG 2023
03AD2-FKKL-VLC 10 AUG 2023
03AD2-FKKL-ILC 10 AUG 2023
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-FKCC-VLC 08 NOV 2018

YAOUNDE / NSIMALEN

03AD2-FKYS-ADC 15 JUN 2023
03AD2-FKYS-APDC 15 JUN 2023
03AD2-FKYS-AOC 15 JUN 2023
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

IMP FONDO

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-ARC 10 AUG 2023
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 10 AUG 2023
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 10 AUG 2023
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

YAMOISSOUKRO

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 10 AUG 2023
07AD2-FOOL-CVFR-02 10 AUG 2023
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

ANDAPA09AD2-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 201809AD2-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 201809AD2-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 10 AUG 2023
10AD2-GABS-APDC 08 NOV 2018
10AD2-GABS-AOC 10 AUG 2023
10AD2-GABS-ARC 10 AUG 2023
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 10 AUG 2023
 10AD2-GABS-VLC 10 AUG 2023
 10AD2-GABS-CVFR-01 10 AUG 2023
 10AD2-GABS-CVFR-02 10 AUG 2023
 10AD2-GABS-ILC 10 AUG 2023

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

GOUNDAM

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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AGADEC / 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 10 AUG 2023
12AD2-DRZR-VLC 10 AUG 2023
12AD2-DRZR-ILC 10 AUG 2023
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 / LEOPOLD SEDAR 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**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

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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 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
BF	BAFOUSSAM	DVOR-DME	A
DE	EDEA	NDB	AE
DL	DOUALA	ILS-DME	A
DLA	DOUALA	VOR-DME	AE
GRA	GAROUA	ILS-DME	A
MF	MAMFE	VOR	AE
MVR	MAROUA-SALAK	VOR-DME	A
NLY	YAOUNDE / NSIMALEN	DVOR-DME	AE
TJL	MAROUA-SALAK	NDB	AE
TJR	GAROUA	VOR-DME	AE
YA	YAOUNDE / NSIMALEN	ILS-DME	A
YNS	YAOUNDE / NSIMALEN	NDB	A

PAGE LAISSÉE INTENTIONNELLEMENT VIDE

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
ARL	ARLIT	NDB	A
AS	AGADEV / MANU DAYAK	NDB	A
AS	AGADEV / MANU DAYAK	VOR	AE
DIR	DIRKOU	VOR-DME	AE
IN	ZINDER	NDB	A
NM	NIAMEY / DIORI HAMANI	ILS-DME	A
NY	NIAMEY	VOR-DME	AE
ZR	ZINDER	VOR	AE

PAGE LAISSÉE INTENTIONNELLEMENT VIDE

GEN 2.4 INDICATEURS D'EMPLACEMENT
LOCATION INDICATORS

EMPLACEMENT LOCATION	INDICATEUR INDICATOR	EMPLACEMENT LOCATION	INDICATEUR INDICATOR
AEROPORT INTERNATIONAL DE CAP SKIRRING	GOGS		
AEROPORT INTL BLAISE DIAGNE - DAKAR - DIASS	GOBD		
BAKEL	GOTB		
DAKAR (FIC,ACC,COM,NOF)	GOOO		
DAKAR / LEOPOLD SEDAR SENGHOR	GOOY+		
DAKAR/VILLE	GOOV		
DIOURBEL	GOOD		
KAOLACK	GOOK		
KEDOUGOU	GOTK		
KOLDA / SARE BIDJI	GOGK		
LINGUERE	GOOG		
MATAM / OURO SOGUI	GOSM		
PODOR	GOSP		
RICHARD TOLL	GOSR		
SAINT LOUIS	GOSS		
SEDHIOU	GOGD+		
SIMENTI	GOTS		
TAMBACOUNDA	GOTT		
THIES	GOOT+		
ZIGUINCHOR	GOGG		

| + Station non reliée au RSFTA / *Station not connected to the AFTN*



INDICATEUR INDICATOR	EMPLACEMENT LOCATION	INDICATEUR INDICATOR	EMPLACEMENT LOCATION
GOBD	AEROPORT INTL BLAISE DIAGNE - DAKAR - DIASS		
GOGD+	SEDHIOU		
GOGG	ZIGUINCHOR		
GOGK	KOLDA / SARE BIDJI		
GOGS	AEROPORT INTERNATIONAL DE CAP SKIRRING		
GOOD	DIOURBEL		
GOOG	LINGUERE		
GOOK	KAOLACK		
GOO	DAKAR (FIC,ACC,COM,NOF)		
GOOT+	THIES		
GOOV	DAKAR/VILLE		
GOOY+	DAKAR / LEOPOLD SEDAR SENGHOR		
GOSM	MATAM / OURO SOGUI		
GOSP	PODOR		
GOSR	RICHARD TOLL		
GOSS	SAINT LOUIS		
GOTB	BAKEL		
GOTK	KEDOUGOU		
GOTS	SIMENTI		
GOTT	TAMBACOUNDA		

+ Station non reliée au RSFTA / Station not connected to the AFTN



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

GEN 3.6 INSTALLATIONS DE RECHERCHES ET DE SAUVETAGE
SEARCH AND RESCUE UNITS

CENTRE(S) DE COORDINATION DE RECHERCHES ET DE SAUVETAGE SEARCH AND RESCUE COORDINATION CENTRE			
1. - NOM / NAME	: DAKAR RCC (MARITIME ZONE) Appellation courante CCS DAKAR		
a) Adresse postale <i>Postal Address</i>	: B.P. N° 8014 - DAKAR FANN - SENEGAL		
b) Adresses télégraphiques / <i>Telegraphic address</i>	: GOOYZTZX		
(Aéronautique)	: CCS DAKAR - SENEGAL		
(Commerciale)			
c) Numéro(s) de téléphone / Phone number	: - (221) 77.333.01.14 - (221) 338.60.47.87		
d) Numéro(s) de Fax	: - (221) 33.860.47.87		
e) E-mail	: rcc_dakar@armee.sn / ccsdakarsenegal@gmail.com		
2. - RÉGION DE RECHERCHES ET DE SAUVETAGE <i>AREA SEARCH AND RESCUE</i>	: FIR DAKAR OCEANIQUE - Partie maritime de la FIR/UIR		
3. - SERVICE OU ORGANISME RESPONSABLE <i>RESPONSIBLE SERVICE OR ORGANIZATION</i>	: Armée de l'Air Sénégalaise avec la participation de la Marine Sénégalaise		
4. - OBSERVATIONS / REMARKS :	SPOC Tel : (+221)33.860.47.87 +221) 77.333.01.14 FAX : (+221)33.860.47.87 Email(s): rcc_dakar@armee.sn / ccsdakarsenegal@gmail.com		
5. - MOYENS DE SAUVETAGE / MEANS OF RESCUE			
NOM / NAME	COORDONNÉES GÉOGRAPHIQUES GEOGRAPHICAL COORDINATES	FACILITÉS FACILITY	OBSERVATIONS / REMARKS
	SITUATION		
a	b	c	d
Aéronautique Navale Française	Aéroport International Blaise Diagne de Dakar- DIASS 14°40'15"N - 017°04'22"W	1 VLR	Falcon 50 Délais d'intervention : 3 HR (pour une mission d'une durée supérieure à 7 HR les délais d'intervention sont augmentés).
Marine Marchande			Assistance des Navires à la Mer
Marine Nationale Sénégalaise	Port de DAKAR		Assistance des unités Navales disponibles ainsi que les remorqueurs du Port de DAKAR
Armée de l'Air Sénégalaise	Aéroport de Léopold Sédar SENGHOR de DAKAR 14°44'38"N - 017°28'46"W	Courte durée <i>Short range</i>	Moyens complémentaires : Longue durée : CN 235 MPA Courte durée : CN235, CN295, BE 20, MI-17 Délais d'intervention : - 0100 HR pour les jours ouvrables - 0200 HR les Sam. et Dim. et Jours Fériés



GEN 3.6. - INSTALLATIONS DE RECHERCHES ET DE SAUVETAGE
SEARCH AND RESCUE UNITS

CENTRE(S) DE COORDINATION DE RECHERCHES ET DE SAUVETAGE
SEARCH AND RESCUE COORDINATION CENTRE

1. - NOM / NAME	: DAKAR RCC (Zone Terrestre) Appellation courante CCS DAKAR
a) Adresse postale Postal Address	: Centre de Coordination et de Sauvetage B.P. N° 8014 - DAKAR FANN - SENEGAL
b) Adresses télégraphiques / Telegraphic address (Aéronautique) (Commerciale)	: GOOYZTZX : CCS DAKAR - SENEGAL
c) Numéro(s) de téléphone / Phone number	: (+221) 33.860.47.87 - (221) 77.333.01.14
d) Numéro(s) de Fax	: (+221) 33.860.47.87
e) E-mail	: rcc_dakar@armee.sn / ccسدakarsenegal@gmail.com
2. - RÉGION DE RECHERCHES ET DE SAUVETAGE AREA SEARCH AND RESCUE	: FIR DAKAR TERRESTRE Partie terrestre de la FIR/UIR (la limite étant le trait de coté) exepté la partie maritime du SSR ABIDJAN Gambie - Guinée Bissau - Mali - Mauritanie - Sénégal (1)
3. - SERVICE OU ORGANISME RESPONSABLE RESPONSIBLE SERVICE OR ORGANIZATION	: Armée de l'Air Sénégalaise
4. - OBSERVATIONS / REMARKS :	SPOC Tel : (+221)33.860.47.87 (+221)11.333.01.14 FAX : (+221)33.860.47.87 Email(s):rcc_dakar@armee.sn/ccسدakarsenegal@gmail.com

5. - MOYENS DE SAUVETAGE / MEANS OF RESCUE			
NOM / NAME	COORDONNÉES GÉOGRAPHIQUES GEOGRAPHICAL COORDINATES	FACILITÉS FACILITY	OBSERVATIONS / REMARKS
Aéronautique Navale Française	Aéroport International Blaise Diagne de DAKAR-DIASS 14°44'38"N - 017°28'46"W	1 VLR	Moyen semi-spécialisé Délais d'intervention : 3HR (pour une mision d'une durée supérieure à 7 HR, les délais d'intervention sont augmentés)
Armée de l'Air Sénégalaise	Aéroport Militaire de Léopold Sédar SENGHOR de DAKAR 14°44'38"N - 017°28'46"W	Longue et Courte durée Long and Short range	Moyens complémentaires : Longue durée : CN235 MPA Courte durée : CN235, CN295, BE20, MI-17 Délais d'intervention : - 0100 HR pour les jours ouvrables - 0200 HR les Sam. et Dim. et Jours Fériés



ENR 0

ENR 0.6 INDEX DE LA PARTIE 2 - ENR
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00 ENR 1.1	Règles générales <i>General rules</i>	00 ENR 1.1-1
00 ENR 1.2	Règles de vol à vue <i>Visual flight rules</i>	00 ENR 1.2-1
00 ENR 1.3	Règles de vol aux instruments <i>Instrument flight rules</i>	00 ENR 1.3-1
00 ENR 1.4	Classification de l'espace aérien ATS <i>ATS airspace classification</i>	00 ENR 1.4-1
00 ENR 1.5	Procédures d'attente, d'approche et de départ <i>Holding, approach and departure procedures</i>	00 ENR 1.5-1
00 ENR 1.6	Services et procédures de surveillance ATS <i>ATS surveillance services and procedures</i>	00 ENR 1.6-1
00 ENR 1.7	Procédures de calage altimétrique <i>Altimeter setting procedures</i>	00 ENR 1.7-1
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00 ENR 1.8	Procédures de décalage latéral stratégique (SLOP) <i>Strategic lateral offset procedures (SLOP)</i>	00 ENR 1.8-13
00 ENR 1.8	SYSTEME DE ROUTE FLEXIBLE UIR DAKAR OCEANIQUE (GOOO) <i>FLEXIBLE TRACK SYSTEM (FLEXTRACK) DAKAR OCEANIC UIR (GOOO)</i>	00 ENR 1.8-15
00 ENR 1.8	ATM CONTINGENCY PLAN FOR ASECNA AIRSPACES UNDER ACC OF DAKAR TERRESTRIAL, DAKAR OCEANIC, BAMAKO, OUAGADOUGOU, NIAMEY, ABIDJAN AND LOME	00 ENR 1.8-21
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00 ENR 1.14	Imprimé de compte rendu d'incident de circulation aérienne <i>Air traffic incident report form</i>	00 ENR 1.14-1
00 ENR 1.14	Imprimé de compte rendu d'incident de circulation aérienne <i>Air traffic incident report form</i>	00 ENR 1.14-1



00 ENR 1.14	Imprimé de compte rendu d'incident de circulation aérienne <i>Air traffic incident report form</i>	00 ENR 1.14-1
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01 ENR 1.6	Radar secondaire de surveillance (SSR) dans la TMA de Cotonou <i>Secondary Surveillance Radar (SSR) in Cotonou TMA</i>	01 ENR 1.6-11
01 ENR 1.6	Surveillance dépendante automatique en mode diffusion (ADS-B) dans la TMA de Cotonou <i>Automatic dependent surveillance-broadcast (ADS-B) in Cotonou TMA</i>	01 ENR 1.6-21
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02 ENR 1.6	Services et procédures de surveillance ATS dans la TMA/UTA de Ouagadougou <i>ATS Surveillance services and procedures within Ouagadougou TMA/UTA</i>	02 ENR 1.6-1
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03 ENR 1.6	Radar secondaire de surveillance (SSR) dans la TMA et l'UTA de Douala <i>Secondary Surveillance Radar (SSR) in Douala TMA and UTA</i>	03 ENR 1.6-11
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05 ENR 1.6	Surveillance dépendante automatique en mode diffusion (ADS-B) dans la TMA/UTA de Brazzaville <i>Automatic dependent surveillance-broadcast (ADS-B) in Brazzaville TMA/UTA</i>	05 ENR 1.6-21
05 ENR 1.6	Procédures ADS-C / CPDLC dans la FIR Brazzaville <i>ADS-C / CPDLC operation in Brazzaville FIR</i>	05 ENR 1.6-31
05 ENR 1.8	<i>ATM contingency plan for Brazzaville ACC</i>	05 ENR 1.8-1
06 ENR 1.1	procédures à suivre pour les pilotes exposés au laser et à d'autres sources lumineuses dirigées à forte intensité <i>Pilots procedures for exposure to laser and other directed bright light sources</i>	06 ENR 1.1-1
06 ENR 1.6	Services et procédures de surveillance ATS dans l'UTA et la TMA d'Abidjan <i>ATS services and procedures in Abidjan UTA and TMA</i>	06 ENR 1.6-1
06 ENR 1.6	Radar secondaire de surveillance (SSR) dans la TMA et l'UTA d'Abidjan <i>Secondary Surveillance Radar (SSR) in Abidjan TMA and UTA</i>	06 ENR 1.6-11
06 ENR 1.6	Surveillance dépendante automatique en mode diffusion (ADS-B) dans la TMA/UTA d'Abidjan <i>Automatic dependent surveillance-broadcast (ADS-B) in Abidjan TMA/UTA</i>	06 ENR 1.6-21
06 ENR 1.6	Procédures ADS-C / CPDLC dans le FIS D'Abidjan <i>ADS-C / CPDLC operation in Abidjan FIS</i>	06 ENR 1.6-31
06 ENR 1.8	<i>ATM contingency plan for Abidjan ACC</i>	06 ENR 1.8-1
06 ENR 1.12	Procédure d'interception des aéronefs civils en Côte d'Ivoire <i>Procedures for the interception of civil aircraft in Côte d'Ivoire</i>	06 ENR 1.12-1
07 ENR 1.6	Services et procédures de surveillance ATS dans l'UTA et la TMA de Libreville <i>ATS services and procedures in Libreville UTA and TMA</i>	07 ENR 1.6-1
07 ENR 1.6	Radar secondaire de surveillance (SSR) dans la TMA et l'UTA de Libreville <i>Secondary Surveillance Radar (SSR) in Libreville TMA and UTA</i>	07 ENR 1.6-11
07 ENR 1.6	Surveillance dépendante automatique en mode diffusion (ADS-B) dans la CTR/TMA/UTA de Libreville <i>Automatic dependent surveillance-broadcast (ADS-B) within Libreville CTR/TMA/UTA</i>	07 ENR 1.6-21
07 ENR 1.8	<i>ATM contingency plan for Libreville ACC</i>	07 ENR 1.8-1
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ENR 1.8 SYSTEME DE ROUTE FLEXIBLE
UIR DAKAR OCEANIQUE (GOOO)
FLEXIBLE TRACK SYSTEM (FLEXTRACK)
DAKAR OCEANIC UIR (GOOO)

1- INTRODUCTION

- 1.1. In the global Air Navigation Plan – Doc 9750, the ICAO introduced the concept of dynamic and flexible ATM as Strategic Objective: Global Plan Initiative (GPI-7). GPI-7 states that routes need not be fixed to pre-determined waypoints except where required for control purposes. GPI-8 enhances the implementation process with Collaborative Decision-Management techniques. It is aimed at organizing airspace in a collaborative manner involving all stakeholders so that airspace is managed to accommodate user-defined flexible routings.
- 1.2. A Flex route (also called Random Route, User Preferred Route, Free Route of 4D Trajectory) is described as a non fixed route calculated on a daily basis to provide the most efficient flight profile or trajectory on a given city pair or through a specific volume of airspace. The Flex Route can be comprised of any combination of elements including but not limited to: 5 letters waypoint names; latitude/longitude, existing airways, ground based nav aids or other significant points.
- 1.3. The GOOO aims to remove the constraints imposed by the fixed route structure and through the optimized use of all the airspace obtaining benefits of capacity, flexibility, flight efficiency and cost savings, while maintaining safety standards.
- 1.4. Aircraft Operators will have greater choice for optimum route selection and will benefit from the expected cost savings. While the increasing in demand is expected to continue, the international community is urging fuel savings and emission CO2 reductions/Green House Gases (GHG)

2- AREA OF APPLICABILITY

- 2.1. Lateral limits: Dakar Oceanic Airspace
- 2.2. Vertical Limits: Between FL 245 and FL 410

3- IMPLEMENTATION

From the 25 August 2011 Flex Routings are available to all operators.

4- GENERAL PROCEDURES

4.1. Within GOOO airspace users will be able to plan user-preferred trajectories through the used of 5 letters waypoints name code included below. Route portions between waypoints will be indicated by means of "DCT" instruction.

4.2. Waypoints created in Dakar FIR

i) Within Sal Oceanic FIR / Dakar Terrestrial FIR below new FIR boundary waypoint was established :

• New FIR Entry/Exit Wpts		
5NLC	Latitude	Longitude
SEPOM	N 17 20 00	W 020 00 00

Note : From/to SEPOM it is acceptable to file DCT to/from YF VOR only

ii) Within Sal Oceanic FIR / Dakar Oceanic FIR below new FIR boundaries waypoint were established :

• New FIR Entry/Exit Wpts		
5NLC	Latitude	Longitude
NATAS	N 16 00 24	W 033 00 00

iii) Within Cayenne Rochambeau FIR / Dakar Oceanic FIR below new FIR boundary waypoint was established :

• New FIR Entry/Exit Wpts		
5NLC	Latitude	Longitude
ARAGO	N 09 48 58	W 035 54 30
GOGSO	N 11 40 00	W 036 42 00
UGOBO	N 08 50 34	W 035 29 27
ROMAS	N 10 47 44	W 036 19 16
GENAM	N 12 38 26	W 037 07 17

iv) Within Piarco FIR / Dakar FIR below new FIR boundaries waypoint were established :

• New FIR Entry/Exit Wpts		
5NLC	Latitude	Longitude
GANAK	N 16 00 00	W 037 30 00
OPADO	N 15 00 00	W 037 30 00



v) Within Dakar Oceanic FIR below new waypoints on Northwestern AORRA boundary were established :

• New AORRA Entry/Exit Wpts		
5NLC	Latitude	Longitude
INATO	N 11 15 54	W 022 24 24
UNIKI	N 10 32 42	W 022 50 24
NUKEN	N 09 49 36	W 023 16 24
PISKA	N 09 06 24	W 023 42 12
ERKUS	N 08 23 12	W 024 07 54
EPEMI	N 07 39 54	W 024 33 36
RAKIM	N 06 56 36	W 024 59 06
GANDO	N 06 13 18	W 025 24 36
BUVUK	N 05 30 00	W 025 50 00
SETOX	N 04 47 24	W 026 16 36
KOGUS	N 04 04 48	W 026 43 06

Newly created waypoints observe a 100 nautical mile buffer from Atlantico and Sal FIR boundaries

vi) Within Dakar Oceanic FIR below new waypoints crossing the EUR-SAM corridor were established :

• New waypoints crossing UN741		
5NLC	Latitude	Longitude
ENUGO	N 13 19 06	W 029 19 48
APOXA	N 12 19 48	W 029 53 18
MERUD	N 10 46 36	W 030 45 18
MOSAD	N 07 48 54	W 032 22 36

• New waypoints crossing UN866		
5NLC	Latitude	Longitude
RIXAD	N 12 31 54	W 027 26 24
MOSOK	N 11 24 54	W 028 05 36
LIMUK	N 09 41 24	W 029 05 30
ENOTO	N 06 45 36	W 030 45 42

• New waypoints crossing UN873		
5NLC	Latitude	Longitude
VOMER	N 11 48 54	W 025 45 12
GROBA	N 10 33 42	W 026 26 54
SEMOG	N 08 38 06	W 027 30 06
MESAB	N 05 40 00	W 029 06 12

• New waypoints crossing UN857		
5NLC	Latitude	Longitude
APIGU	N 11 15 42	W 024 28 24
TEKSO	N 09 54 30	W 025 12 30
LIRAX	N 07 50 30	W 026 18 54
MIKOL	N 04 51 48	W 027 53 30

vii) Within Dakar Oceanic FIR, it is acceptable to file in ICAO FPL field 15 a direct (DCT) segment from/to waypoints as indicated in items iv) Piarco/Dakar Oceanic FIR boundary; v) Northwestern AORRA boundary and vi) crossing the EUROSAM

viii) Within Dakar Terrestrial FIR / Abidjan ACC FIR below new FIR boundary waypoint was established :

• New FIR Entry/Exit Wpts		
5NLC	Latitude	Longitude
ARABA	N 04 30 26.00	W 003 00 00.00

ix) Within Abidjan ACC it is acceptable to file in ICAO FPL field 15 a direct (DCT) segment from/to following waypoints :

- a) KOROB DCT RASAD
- b) AD (VOR) DCT ARABA



ENR 1.8 PLAN DE CONTINGENCE ATM DU CCR DE OUAGADOUGOU
ATM CONTINGENCY PLAN FOR OUAGADOUGOU ACC**PART I: LEVEL 2 CONTINGENCY PLAN (REQUIRING INTERVENTION OF ADJACENT FIR)****1. OBJECTIVES**

- 1.1 This contingency plan contains procedures to ensure the provision of air navigation services in the event of partial or total disruption of Air Traffic Services (ATS) within the OUAGADOUGOU Upper Traffic Area and is in accordance with ICAO Annex 11-Air Traffic Services Chapter 2, paragraph 2.3, and Attachment C, and document 4444 ATM- PANS (Chapter 15.8 and chapter 16.6).
- 1.2 This Contingency Plan is designed to accommodate the flow of international air traffic with a minimum of disturbance for aircraft transiting the airspace under the responsibility of OUAGADOUGOU Area Control Center (ACC). Routes and flight levels are limited.

2. STATES AND FIRS AFFECTED

In the event that the Civil Aviation Authority of BURKINA FASO (ANAC) activates this Contingency Plan, the adjacent ATS Units ABIDJAN ACC, NIAMEY ACC, BAMAKO ACC and ACCRA ACC, will be notified in accordance with the Letters of Agreement (LOA) Or Memorandum of Understanding (MOU) established between them. The adjacent ATS UNITS directly affected by this Contingency Plan are as follows:

STATE	FIR	ATS UNIT
Niger	Niamey FIR	Niamey ACC
Burkina Faso	Niamey FIR	Ouagadougou ACC
Cote d'Ivoire	Dakar FIR	Abidjan ACC
Mali	Dakar FIR	Bamako ACC
Ghana	Accra FIR	Accra ACC

- 2.1 Contact details of the civil aviation authorities and organizations concerned are contained in PARAGRAPH 15.1 below.

3. MANAGEMENT OF THE CONTINGENCY PLAN

- 3.1 The contingency measures set out in the first part of this Plan are applicable in cases of foreseeable events is for level 2.
- 3.2 The following procedures have been put in place to ensure that the management of the Contingency Plan provides for international flights to proceed in a safe and orderly fashion through OUAGADOUGOU UTA.

CENTRAL COORDINATING COMMITTEE

- 3.3 The Central Coordinating Committee (CCC) function shall be to oversee the implementation of the Contingency Plan and in the event that the Air Traffic Services (ATS) in OUAGADOUGOU UTA is disrupted for an extended period, make arrangements for and facilitate the temporary relocation of the Air Traffic Services to NIAMEY ACC and the restoration of Air Traffic Services in OUAGADOUGOU UTA.

The Central Coordinating Committee comprises representation from the following:

- 1) BURKINA FASO CIVIL AVIATION AUTHORITY (ANAC)
- 2) ASECNA (HEADQUARTER, REPRESENTATIVE IN BURKINA FASO)
- 3) OTHER RELEVANT AUTHORITIES.

Contact details of its members are provided in paragraph 15.1, 15.2 and 15.3 below.

ATM OPERATIONAL CONTINGENCY GROUP

- 3.4 The ATM Operational Contingency Group (AOCG) will be convened by the CCC with a primary responsibility to oversee the day to day operations under the contingency arrangements, and coordinate operational ATS activities, 24 hours a day, throughout the contingency period in coordination with the WACAF Contingency Coordination Team and adjacent FIRs. The AOCG will include any necessary specialist personnel from the following disciplines:

- * Air Traffic Control Services (ATS)
- * Aeronautical Telecommunication (COM)
- * Aeronautical Meteorology (MET)
- * Aeronautical Information Services (AIS)
- * ATS equipment maintenance service provider.

Contact details of its members are provided in paragraph 15.2 below.

4. AIR TRAFFIC MANAGEMENT AND CONTINGENCY PROCEDURES**4.1 Air Traffic Services Responsibilities**

- 4.1.1 Tactical ATC considerations during periods of over-loading may require reassignment of routes or portions thereof.
- 4.1.2 Alternative routes are designed to maximize existing ATS routes structures and communications, navigation and surveillance services.

- 4.1.3 In the event that ATS cannot be provided within OUAGADOUGOU UTA, ASECNA or ICAO shall publish not less than 48 hours before, if practicable, the corresponding NOTAM indicating the following:
- Time and date of the beginning of the contingency measures;
 - Airspace available for landing and over flying traffic and airspace to be avoided;
 - Details of the facilities and services available or not available and any limits on ATS provision (e.g. ACC, APP, TWR and FIS), including an expected date of restoration of services if available;
 - Information on the provisions made for alternative services;
 - ATS contingency routes;
 - Procedures to be followed by neighboring ATS units;
 - Procedures to be followed by pilots;
 - Any other details with respect to the disruption and actions being taken that aircraft operators may find useful.
- 4.1.4 In the event that the BURKINA FASO Civil Aviation Authority (ANAC) is unable to issue the NOTAM, ASECNA or ICAO will take action to issue the NOTAM of contingency measures upon notification by BURKINA FASO Civil Aviation Authority.

4.2 Separation

Separation criteria shall be applied in accordance with the Procedures for Air Navigation Services- Air Traffic Management (Doc 4444) and the Regional Supplementary Procedures (Doc7030).

Longitudinal separation of fifteen (15) minutes, for aircraft maintaining the same cruising flight level.

4.3 Level restriction

Where possible, aircraft on long haul international flights shall be given priority with respect to cruising levels.

4.4 Airspace Classifications

Airspace classification will not be changed. (Depending on the degree of disruption, airspace classifications may be changed to reflect the reduced level of services. Changes to airspace classification will be notified by the same NOTAM which will activate this plan).

4.5 Aircraft position reporting

4.5.1 The primary means of communication will be by VHF or HF radio. When CPDLC has been authorized for use by the relevant ATC authority this will become the primary means of communication, with HF as secondary.

Traffic Information Broadcast by Aircraft (TIBA) procedures shall apply in OUAGADOUGOU UTA during periods of contingency.

4.5.2 TIBA frequencies shall be as follows:

AFI REGION – 126.9 MHz

4.6 Other measures

Other measures related to the disruption of air traffic services and the implementation of the contingency scheme within the OUAGADOUGOU UTA may be taken as follows:

- * Suspension of all VFR Operations;
- * Delay or suspension of general aviation IFR operations; and;
- * Delay or suspension of commercial IFR operations

4.7 Procedures for ATS Units

The ATS units providing Air traffic control services will follow their unit emergency operating procedures and activate the appropriate level of contingency procedures in line with this plan.

- ATC will inform pilots of the emergency condition and advise if it is likely that the ATS will be suspended and transmit on the radio frequency in use providing pilots with alternate means of communication;
- During the period the contingency procedures are in effect, flight plan and other aircraft movement messages must continue to be transmitted by operators to OUAGADOUGOU ACC via the AFTN/AMHS using normal procedures;
- On notification by the BURKINA FASO CIVIL AVIATION AUTHORITY, the ATS authorities operating the NIAMEY ACC will activate the contingency procedures in accordance with THIS PLAN (Where it also serves as the formal LOA);
- Prior to entry to the OUAGADOUGOU UTA during contingency operations, authorization must be obtained from BURKINA FASO Civil Aviation Authority, and flights must comply with the ATC clearance and communications instructions issued by the ACC responsible for the airspace immediately adjacent to the OUAGADOUGOU UTA contingency airspace;
- Coordination of aircraft boundary estimates and flight levels by the adjacent ACC responsible for aircraft entering the OUAGADOUGOU UTA shall be in accordance with THIS PLAN (Where it also serves as the formal LOA);
- The ACC responsible for aircraft entering the OUAGADOUGOU UTA will instruct pilots to maintain the last flight level assigned and speed (Mach number if applicable) while operating in the OUAGADOUGOU UTA;
- The ACC responsible for aircraft entering the OUAGADOUGOU UTA will not authorize any change in route, flight level or speed unless specifically authorized by the ATS unit normally responsible for the affected airspace, or under THIS PLAN (Where it also serves as the formal LOA);



- h) The ACC responsible for aircraft entering the OUAGADOUGOU UTA will inform aircraft that they must establish prior contact with the first ATS UNIT after transiting the OUAGADOUGOU UTA not less than 10 minutes before the estimated time of entry to the airspace which this Unit is responsible;

5. TRANSITION TO CONTINGENCY SCHEME

During times of uncertainty when disruption of air traffic services seems possible, aircraft operators should be prepared for a possible change in routing while en-route, familiarization of the alternative routes outlined in the contingency scheme as well as what may be promulgated by BURKINA FASO Civil Aviation Authority via NOTAM.

In the event of a disruption of air traffic services that has not been promulgated, OUAGADOUGOU ACC will, if possible, broadcast to all aircraft in the OUAGADOUGOU CTA/ UTA, airspace that is affected by the disruption and any further instructions.

It is recognized that when a disruption of air traffic services or airport closure occurs and is promulgated, operators may have different requirements as to their alternative routings.

OUAGADOUGOU ACC will evaluate all requests to ensure safety is maintained.

6. TRANSFER OF CONTROL, COORDINATION AND DELEGATION OF RESPONSIBILITY IN THE PROVISION OF AIR TRAFFIC SERVICES WITHIN THE OUAGADOUGOU UTA

6.1 The transfer of control and communication will be at the common OUAGADOUGOU ACC boundaries or as previously agreed upon between:

- a) NIAMEY ACC;
- b) ACCRA ACC;
- c) ABIDJAN ACC;
- d) BAMAKO ACC

6.2 The responsibility for ensuring the provision of air traffic services within OUAGADOUGOU UTA is transferred to NIAMEY ACC according to the following considerations:

NIAMEY ACC will ensure the provision of air traffic services for traffic operating along contingency ATS routes.

HF frequencies of NIAMEY ACC (8903-3419) will be used.

7. CONTINGENCY ATS ROUTES NETWORK

In the event of disruption of air traffic services within OUAGADOUGOU UTA, aircraft operators should file flight plans using alternative contingency routes listed in the scheme below:

Note: ATS routes not included in the table below are temporarily unavailable.

Contingency routes	Delegated centers	Means of communication	Flight levels assignment	Entering/Exit point	Adjacent FIR
ACR 19: UG854 (OG-DEKAS)	NIAMEY	VHF,CPDLC, HF	EASTBOUND: FL270 , FL310, FL350 WESTBOUND: FL 260 ; FL300	DEKAS	NIAMEY
ACR 4 : UG860 (OG-EDGIB)	NIAMEY/BAMAKO	VHF,CPDLC, HF	eastbound: FL270 , FL310, FL350 westbound:FL260; FL300	EDGIB	NIAMEY/ BAMAKO
ACR 7 : UA614 /UM 104 (TAVOT-BIGOM)	NIAMEY	VHF,CPDLC, HF	Northbound: FL330 Southbound: FL320	TAVOT/BIGOM	NIAMEY
ACR 2: UA601 (NANGA-BD- EBSUD)	BAMAKO-ACCRA	VHF,CPDLC, HF	West bound: FL 400 ; 470 Eastbound: FL 250; FL 290 ; FL 310 ; FL 370; FL390; FL410. FL450	NANGA/EBSUD	ACCRA/ BAMAKO

8. PILOT AND OPERATOR PROCEDURES

8.1 Filing of flight plans

Flight plan requirements detailed in BURKINA FASO AIP continue to be apply during Contingency operations, except where modified by the contingency ATS routes and FLAS specified by ATC and/or in NOTAM.

8.2 Over flight approval

Aircraft operators must obtain over-flight approval from the BURKINA FASO Civil Aviation Authority prior to operating flights through the OUAGADOUGOU UTA. During the period of activation of this Contingency Plan, NIAMEY ACC will provide normal ATC clearances for aircraft to enter the OUAGADOUGOU UTA. NIAMEY ACC is not responsible for coordination or provision of overflight clearances for the OUAGADOUGOU UTA. The operator must ensure any required overflight approval has been obtained.

8.3 Pilots operating procedures

All aircraft transiting through OUAGADOUGOU UTA shall strictly comply with the following:

- a) Maintain contact with NIAMEY ACC according to the paragraph 4 of this contingency plan.
- b) Operate along or as close as possible to the centerline of the assigned contingency air traffic route.

- c) Reach the flight level assigned by the adjacent ACC for the transit of OUAGADOUGOU UTA at least ten (10) minutes before entering OUAGADOUGOU UTA.
- d) Maintain the flight level assigned by the last adjacent ACC while operating within OUAGADOUGOU UTA, unless an emergency or flight safety reason exists.
- e) Maintain a continuous listening watch on the VHF frequency 126.9 MHz, and transmit blind in English on 126.9 MHz position reports five (5) minutes before and overhead each compulsory reporting point established along the respective air traffic route.
- f) Include in their last position report to the competent adjacent ACC the estimated time of arrival over the entry and exit points of OUAGADOUGOU UTA.
- g) Whenever emergencies and/or flight safety reasons make it impossible to maintain the flight level assigned for the transit of OUAGADOUGOU UTA, climb or descend well to the right of the centerline of the air traffic route being flown but remaining within OUAGADOUGOU UTA, and to inform immediately, by blind broadcast on the VHF frequency 126.9 MHz, all other aircraft likely to be affected by transmitting a relevant emergency level change message (comprising the aircraft callsign, the aircraft position, the flight levels being left and crossed, etc.).
- h) Contact the competent adjacent ACC as soon as possible and at least ten (10) minutes before the estimated time of arrival over the relevant exit point of OUAGADOUGOU UTA to obtain clearance for entering the adjacent airspace concerned.
- i) Display navigation and anti-collision lights always during the transit of contingency airspace.
- j) The application of SLOP is strongly encouraged
- k) Transponders should be set on a discrete code assigned by ATC or select code A2000 if ATC has not assigned a code.

COMMUNICATION PROCEDURES

8.4 Degradation of Communication - Pilot Radio Procedures

- 8.4.1 When operating within the contingency airspace, pilots should use normal radio communication procedures. (Where limited or not ATS is available communications will be conducted in accordance with the procedures in the Plan, or s otherwise notified by NOTAM)
- 8.4.2 In the absence of communication with ATC, the pilot should continue to make routine position reports on the assigned frequency and also broadcast positions in accordance with the TIBA procedures.

9. PUBLIC HEALTH EMERGENCIES

- 9.1 The delegated ATS unit, upon receipt of information from a pilot or another ATS unit, regarding suspected case(s) of communicable disease, or other public health risk, on board the aircraft, shall forward a message as soon as possible to the ATS unit serving the destination / departure, unless procedures exist to notify the appropriate authority designated by the State and the aircraft operator or its designated representative.
- 9.2 To avoid misunderstanding that may result in inappropriate reaction from the stakeholders including air operators, information provided by the Health Sanitary Board (HSB) should be obtained in written form and relayed to air operators in written form. Where communication means do not enable relay of written text, the information shall be read verbatim.

10. VOLCANIC ASH CONTINGENCY PLAN (VACP)

- 10.1 If a volcanic ash cloud is reported or anticipated in OUAGADOUGOU UTA, the delegated ATS unit should take the following actions:
 - a) Immediately transmit relevant information to the flight crews of potentially affected aircraft to ensure that they are aware of the current position and expected position of the cloud and the concerned flight levels;
 - b) Respond to requests for a course change or a level change as far as possible;
 - c) Propose a route change to avoid or leave the reported or predicted areas of presence of the volcanic ash cloud when requested by the pilot or as the controller deems it necessary; and
 - d) Where possible, request a special flight report when the flight route enters or anticipates the planned volcanic ash cloud and transmit the report to the appropriate agencies.
- 10.2 When a flight crew informs the delegated ATS unit that they have inadvertently entered a cloud of volcanic ash, the delegated ATS units should:
 - a) Respect measures applicable to an aircraft in an emergency, and;
 - b) Alter the assigned route or level only if the pilot requests so or if the airspace or traffic conditions require it.

11. Interception of civil aircraft

- 11.1 Pilots need to be aware that in light of current international circumstances, a contingency routing requiring aircraft to operate off of normal traffic flows, could result in an intercept by military aircraft. Aircraft operators must therefore be familiar with international intercept procedures contained in ICAO Annex 2- Rules of the Air, Paragraph 3.8 and Appendix 2, Sections 2 and 3.
- 11.2 Pilots need to continuously listen out on the VHF emergency frequency 121.5MHz and should operate their transponders always during flight, regardless of whether the aircraft is within or outside airspace where secondary surveillance radar (SSR) is used for ATS purposes. Transponders should be set on a discreet code assigned by ATC or select code A2000 if ATC has not assigned a code.



11.3 If an aircraft is intercepted by another aircraft, the pilot shall immediately:

- * Follow the instructions given by the intercepting aircraft, interpreting and responding to visual signals in accordance with international procedures;
- * If possible, notify to ATS Unit;
- * Set transponder code to A7700, unless otherwise instructed by the appropriate ATS unit;
- * Attempt to establish radio communication with the intercepting aircraft by making a general call on the emergency frequency 121.5MHz; and
- * If instructions are received by radio from any source that conflict with those given by the intercepting aircraft, the intercepted aircraft, shall request immediate clarification while continuing to comply with the instructions given by the intercepting aircraft.

12. SEARCH AND RESCUE

12.1 The delegated ATS unit involved in this contingency plan is required to assist any distressed aircraft of which they are aware and which flies over a contingency space.

12.2 The center that receives a distress message from an aircraft shall send the necessary messages (INCERFA, ALERFA or DETRESFA) to all authorities in the SAR service involved in this plan including the SAR authority of the center which is in contingency situation.

12.3 Each SAR authority shall assist as necessary its neighbor as requested in their LOA.

Contact details of its SAR Authority are provided in paragraph 15.3 below.

13. PLAN TESTING AND REVIEW

13.1 The Plan shall be tested by ATC simulation at least once per year.

13.2 A full review shall be conducted at least once per three years.

14. IMPLEMENTATION OF THE PLAN

The provisions of this contingency Plan shall be promulgated by NOTAM to be issued by BURKINA FASO Civil Aviation Authority in coordination with ICAO and the concerned States.

15. ALL CONTINGENCIES UNITS

15.1 CENTRAL COORDINATING COMMITTEE

N°	Members	Title	Tél	Email/Fax
1	ANAC BURKINA	CIVIL AVIATION GENERAL DIRECTOR	0022670209003	info@anacburkina.org 0022625314544
2	ASECNA/BURKINA	ASECNA REPRESENTATIVE	0022670209068 0022654101723 0022625306515	
3	KONKISRE JEAN-MARIE	CHARGE CONTROLE EN ROUTE	0022670190921	
4	GUIGUEMDE CLOVIS	COMMANDANT D'AERODROME	0022625306515 0022670092864	
5	BANDE AISSATA	C-U TELECOM	0022625306515 0022670330672	

ASECNA HEADQUATERS (CRISIS ROOM)

Director of Operations	+221 773321693 +221 338695651 +221 338692062	guelpinaceu@asecna.org
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15.2 ATM OPERATIONAL CONTINGENCY GROUP

N°	Members	Title	Tél	Email/Fax
1	GUIGUEMDE CLOVIS	COMMANDANT D'AERODROME	0022625306515 0022670092864	
2	MOUMOUNI ABLHAYOU	CHARGE SECURITE QUALITE ET ENVIRONNEMENT	0022625306515 0022672170373	
3	SAIDOU KINDO	OPERATIONS CHIEF	0022670263859	
4	BANDE AISSATA	C-U TELECOM	0022625306515 0022670330672	
5	TRAORE BALA	Chargé Météo	0022670234914	
6	ROAMBA MARCEL	Chargé MIRE	0022667082626	

15.3 SEARCH AND RESCUE POINT OF CONTACT

CENTER	POINT OF CONTACT
SRC-OUAGADOUGOU. Centre secondaire de recherche et de sauvetage. Etat major général des armées	- Adresse postale : BP553 OUAGADOUGOU/BF - Adresse télégraphique : DFFVYCYC - Téléphone : 0022625306373 0022625310773 0022625310778 - Fax :0022625311724 - Adresse mail : divisionoperationsbf@gmail.com Salleops511@gmail.com

PART II: LEVEL 3 CONTINGENCY (REQUIRING AVOIDANCE OF AFFECTED AIRSPACE)**UNAVAILABILITY OF OUAGADOUGOU UTA****OBJECTIVES**

In the event that the total disruption of Air Traffic Services (ATS) within OUAGADOUGOU UTA does not allow flying in the airspace affected, users are invited to circumvent the airspace.

Users may also choose to avoid the OUAGADOUGOU UTA by flight planning via any alternative ATS routes provided by neighboring ATS unit of OUAGADOUGOU ACC.

Users are advised to circumnavigate OUAGADOUGOU UTA and try to establish contact with the ATS unit responsible for the provision of service as soon as possible.



ENR 1.6 RADAR SECONDAIRE DE SURVEILLANCE (SSR) DANS LA TMA ET L'UTA DE LIBREVILLE
SECONDARY SURVEILLANCE RADAR (SSR) IN LIBREVILLE TMA AND UTA

Les caractéristiques du radar sont les suivantes :

- Type : MSSR
- Coordonnées de l'antenne :
00°27'29.6" N 009°24'32'.9" E ;
- Fréquence de transmission : 1030 Mhz
- Fréquence de réception : 1090 Mhz
- Puissance d'émission : 64,8 dBm = 3KW
- Mode d'interrogation : Mode S et Mode A et C
- Un système de traitement automatique des données radar (RDPS) et des données de vol (FDPS).

The following features of the radar are:

- Type :MSSR
- Antenna Coordinates :
00°27'29.6" N 009°24'32'.9" E;
- Emission frequency: 1030 Mhz
- Reception frequency : 1090 Mhz
- Emission Power : 64,8 dBm = 3KW
- Interrogation Mode : Mode S and Mode A and C
- An automatic processing system for radar data (RDPS) and flight data (FDPS)

Le Tableau suivant donne les portées du radar à certains niveau de vol :

The following table gives the radar ranges at certain flight levels:

Altitude en pieds / Altitude in feet	Rayon de la couverture Radar en NM / Radar coverage radius in NM
5000	88
10000	122
15000	152
20000	182
25 000	186
30 000	215
35 000	232
40 000	254

1) PROCEDURES D'URGENCE

En situation d'urgence, le pilote devra sélectionner le mode A code 7700, sauf instructions contraires du contrôleur ou décision contraire du pilote. En cas d'intervention illicite à bord d'un aéronef, le pilote sélectionnera le mode A code transpondeur 7500.

a Panne du système de surveillance ATS

En cas de panne de l'un des systèmes, avec existence des moyens de communication, les services seront rendus à l'aide du second système dans ses limites de couverture définies.

En cas de panne totale des systèmes de surveillance ATS, mais avec l'existence des moyens de communication air/sol, le contrôleur établira la séparation aux procédures entre les aéronefs dans la CTR/TMA/UTA de Libreville..

Comme mesure d'urgence, le contrôleur pourra utiliser temporairement des niveaux de vol espacés d'une distance égale à la moitié du minimum de séparation verticale applicable si la séparation aux procédures normalisées ne peut pas être assurée immédiatement.

b Panne de Transpondeur

Les aéronefs en panne de transpondeur au cours d'un vol et devant entrer dans la CTR/TMA/UTA de Libreville, sont astreints à en informer le Centre de Contrôle Régional de Libreville 15 minutes au moins avant de pénétrer dans l'espace aérien concerné.

1) EMERGENCY PROCEDURES

*In an emergency situation, the pilot must select mode A code 7700, unless otherwise instructed by the controller or decided otherwise by the pilot.
In the event of unlawful interference on board an aircraft, the pilot will select mode A transponder code 7500.*

a ATS surveillance system failure

In the event of failure of one of the systems, with the existence of the means of communication, the services will be rendered using the second system within its defined coverage limits.

In the event of total failure of the ATS surveillance systems, but with the existence of air/ground communication means, the controller will establish procedural separation between aircraft in Libreville CTR/TMA/UTA.

As an emergency measure, the controller may temporarily use flight levels separated by a distance equal to half of the applicable vertical separation minimum if separation by standard procedures cannot be assured immediately.

b Transponder Failure

Aircraft with transponder failure during a flight and having to enter Libreville CTR/TMA/UTA are required to inform Libreville Control center at least 15 minutes before entering the airspace concerned.



2) PROCEDURES A SUIVRE EN CAS D'INTERRUPTION DES COMMUNICATIONS AIR-SOL OU D'INTERVENTION ILLICITE

Dans le cas où les communications bidirectionnelles avec un aéronef sont interrompues, les dispositions ci-après seront suivies :

- Si le pilote a connaissance de la perte de fonctionnement de sa radio de bord, il devra afficher le code transpondeur 7600 ou le mode urgence absolue et/ou situation urgente ADS-B approprié et accuser réception des instructions sur le canal dédié ;
- Si le pilote n'a pas affiché le code 7600 ou le mode urgence absolue et/ou situation urgente ADS-B, le contrôleur devra déterminer si le récepteur de bord fonctionne.

Pour cela, le contrôleur devra :

- Demander à l'aéronef, sur le canal utilisé jusque-là, d'accuser réception en exécutant une manœuvre spécifiée, et en observant alors la route de l'aéronef, ou en donnant à ce dernier une instruction IDENT ;
- Répéter la mesure prescrite ci-dessus sur un tout autre canal disponible sur lequel on pense que l'aéronef pourrait être à l'écoute..

3) SYSTEME D'ASSIGNATION DES CODES SSR

Conformément aux Règlements Aéronautiques du Gabon (RAG 7), l'emport d'un transpondeur de bord signalant l'altitude-pression et fonctionnant conformément aux dispositions pertinentes de RAG 7.8 - V4, au-dessus du territoire Gabonais est exigé pour les aéronefs.

Un réglage correct des codes de transpondeurs sera maintenu à tout moment.

Avant d'entrer dans la CTR/TMA/UTA de Libreville,, les pilotes doivent s'assurer que leur transpondeur est opérationnel et doivent afficher le code transpondeur A2000 en cas de besoin.

Au premier contact avec l'ATC de Libreville et à l'entrée de la CTR/TMA/UTA de Libreville, tous les aéronefs se verront attribuer un code transpondeur à afficher pour l'identification à moins que celle-ci ne soit déjà disponible.

Les pilotes doivent afficher et maintenir le code transpondeur assigné par l'ATC de Libreville pendant toute la traversée de la CTR/TMA/UTA de Libreville.

4) SPECIFICATIONS RELATIVES AUX COMPTES RENDUS DE POSITION EN PHONIE OU PAR CPDLC

a) Limitations de vitesses et de niveaux

Dans la TMA de Libreville, la vitesse Indiquée est limitée à 250KT au-dessous du FL100, sauf clairance explicite à l'initiative du contrôleur.

Toutefois, pour les aéronefs qui, pour des raisons techniques ou de qualité de vol, ne peuvent maintenir cette vitesse, une vitesse plus élevée peut leur être accordée par le contrôleur.

b) Indicatif d'appel

2) PROCEDURES TO BE FOLLOWED IN CASE OF INTERRUPTION OF AIR-GROUND COMMUNICATIONS OR ILLEGAL INTERVENTION

In the event that two-way communications with an aircraft are interrupted, the following provisions will be followed:

- *If the pilot is aware of the loss of operation of his on-board radio, he must display the transponder code 7600 or the appropriate absolute emergency and/or ADS-B emergency situation mode and acknowledge receipt of the instructions on the dedicated channel;*
- *If the pilot has not displayed the code 7600 or the absolute emergency mode and/or ADS-B emergency situation, the controller will have to determine if the on-board receiver is working.*

For this, the controller must:

- *Ask the aircraft, on the channel used until then, to acknowledge receipt by performing a specified maneuver, and then observing the aircraft's route, or by giving the latter an IDENT instruction;*
- *Repeat the action prescribed above on any other available channel on which it is believed that the aircraft might be listening.*

3) SSR CODE ASSIGNMENT SYSTEM

In accordance with the Aeronautical Regulations of Gabon (RAG 7), a transponder equipment on board providing the pressure-altitude and operating in accordance with relevant provisions of RAG 7.8-V4, is mandatory over the territory of Gabon.

Correct setting of transponder codes will be maintained at all times.

Before entering Libreville CTR/TMA/UTA, pilots must ensure that their transponder is operational and must display the transponder code A2000 if necessary.

At the first contact with the Libreville ATC and at the entrance to the Libreville CTR/TMA/UTA, all aircraft will be assigned a transponder code to be squawked for identification unless the latter is already available.

Pilots must squawk and maintain the code assigned by the Libreville ATC throughout the crossing of the Libreville CTR/TMA/UTA.

4) SPECIFICATIONS RELATING TO POSITION REPORTS BY VOICE OR BY CPDLC

a) Speed and level limits

In Libreville TMA, the Indicated Air Speed is limited to 250KT below FL100, except explicit clearance at the initiative of the controller.

However, for aircraft which, for technical reasons or flight quality, cannot maintain these speeds, a higher speed may be granted by the controller.

b) Call sign



Lors de la fourniture des services de surveillance ATS dans la TMA/UTA de Libreville, l'indicatif d'appel de l'organisme de contrôle sera comme suit :

o **Organisme** : Centre de contrôle régional de Libreville ;
o **Indicatif d'appel** : Libreville contrôle ;

c) Norme de séparation à appliquer

Le minimum de séparation à l'aide des systèmes de surveillance ATS à appliquer à l'intérieur de l'espace aérien contrôlé est fixé comme suit :

Séparation verticale reste maintenue : 1000 ft dans la CTR/TMA/UTA

Séparation horizontale (latérale et longitudinale) :

- o 10 NM entre symboles de position ;
- o 5 NM entre un aéronef en configuration Montée ou Descente et un autre aéronef stable à un niveau de vol à condition que l'aéronef qui monte ou qui descend croise le niveau du trafic stable seulement derrière ledit trafic..

Un minimum de séparation aux procédures approprié sera appliqué lorsque au moins l'un des aéronefs en présence n'est pas visualisé.

d) Informations météorologiques significatives

Le système de traitement des données de vol n'affiche pas les zones météorologiques défavorables. Le contrôleur est avisé de leur présence par l'exploitation des renseignements météorologiques à travers d'autres moyens, et les transmet aux équipages.

Les équipages devront maintenir la vigilance afin d'éviter les zones à phénomènes météorologiques dangereux.

Si un pilote a l'intention de contourner une zone météorologique défavorable, il doit en informer le contrôleur et obtenir son autorisation pour l'action proposée. Cela est nécessaire et permet au contrôleur de s'assurer que la séparation fournie aux autres aéronefs ne sera pas compromise.

Des renseignements sur la position, l'intensité, l'étendue et le déplacement des phénomènes météorologiques significatifs (orages, etc.) observés par les pilotes doivent, dès que possible, être signalés au contrôleur pour transmission au centre météorologique associé.

5) REPRESENTATION GRAPHIQUE DE LA ZONE DE COUVERTURE SSR.

La fonction guidage ne sera assurée qu'entre aéronefs identifiés évoluant au-dessus des altitudes minimales de sécurité radar (AMSR) ;

La représentation graphique des altitudes minimales de sécurité qui sera appliquée sera publiée à la page 07AD2-FOOL-RMAC

While providing ATS surveillance services in Libreville TMA/UTA, the CALL SIGN of the ATS Unit will be as follow :

Organism: Area Control Center of Libreville;

Call sign: Libreville contrôle;

c) Separation standard to be applied

The minimum separation using ATS surveillance systems to be applied within the controlled airspace set as follows:

Vertical separation remains maintained: 1000 ft in the CTR/TMA/UTA.

Horizontal separation (lateral and longitudinal) :

- o 10 NM between position symbols;
- o 5 NM in the following conditions : between one aircraft in climb or descent configuration and another one steady at a flight level in condition : The climbing or descending aircraft must cross the level of the steady traffic only behind the related traffic.

An appropriate procedural separation minimum will be applied when at least one of the aircraft present is not visualized.

b) Significant weather information

The Flight Data Processing System does not display active areas of adverse weather. The controller is aware of their presence only by the exploitation of meteorological information through other means, and transmits them to the crews.

Crews shall maintain vigilance to avoid areas with hazardous meteorological phenomena.

If a pilot intends to circumnavigate the adverse weather area, he shall inform the controller and obtain clearance from him for the proposed action. This is necessary to ensure that separation which the controller is providing to the other aircraft is not jeopardized.

Information on the position, intensity, extent and movement of significant weather (storms, etc.) observed by the pilots, shall, when practicable, be reported to the controller for transmission to the associated meteorological office.

5) GRAPHIC REPRESENTATION OF THE SSR COVERAGE AREA.

The vectoring will only be applied between identified aircrafts operating above the radar minimum safety altitudes.

The graphical representation of minimum safety altitudes to be applied will be published on page 07AD2-FOOL-RMAC.



PAGE LAISSÉE INTENTIONNELLEMENT VIDE

ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR-2.1 FIR - UIR ET TMA FIR - UIR AND TMA

<p>NOM / NAME LIMITES LATÉRALES / LATERAL LIMITS LIMITES VERTICALES / VERTICAL LIMITS CLASSE D'ESPACE AÉRIEN / CLASS OF AIRSPACE</p>	<p>ORGANISME ASSURANT LE SERVICE UNIT PROVIDING SERVICE</p>	<p>INDICATIF - LANGUES REGION ET CONDITIONS D'UTILISATION HEURES DE SERVICE CALL SIGN, LANGUAGES, AREA AND CONDITIONS OF USE HOURS OF SERVICE</p>	<p>FREQUENCE ET OBJET FREQUENCY AND PURPOSE</p>	<p>OBSERVATIONS REMARKS</p>
<p>1</p> <p>TMA GAROUA PARTIE 2</p> <p>11°18'23.27"N - 013°58'43.96"E , arc anti-horaire de 80 NM de rayon centré sur N'DJAMENA VOR/DME "FL" 12°08'30.10"N - 015°02'17.90"E, 10°49'00"N - 014°52'00"E, 08°00'00"N - 014°13'00"E, 08°00'00"N - 012°13'00"E, FRONTIERE CAMEROUN / NIGERIA jusqu'au point 11°18'23.27"N - 013°58'43.96"E</p> <p>FL 245 ----- FL 145</p> <p>ESPACE CLASSE A</p>	<p>2</p> <p>TWR GAROUA</p>	<p>3</p> <p>GAROUA TOUR GAROUA TOWER (FR/EN)</p> <p>0700 - 2000 UTC</p> <p>En dehors de ces heures, le service assuré sur demande à FKKRYDYX avant 1200 UTC</p>	<p>4</p> <p>118.3 MHZ</p>	<p>5</p> <p>(1) Tout aéronef venant de la FIR KANO et allant sur GAROUA, devra contacter N'DJAMENA CONTRÔLE en HF 20 MIN avant GAROUA</p> <p>(2) En dehors des horaires d'ouverture de l'aérodrome de GAROUA: - Le long des routes ATS du FL145 au FL245 et hors routes du FL195 au FL245, l'espace aérien est de classe A: le service de contrôle y est rendu par le CCR de N'DJAMENA; - Hors route en dessous du FL195, l'espace est de classe G: seuls les services d'information de volet d'alerte y sont rendus par le CCR de N'DJAMENA</p> <p>(1) Flights from KANO FIR to GAROUA must contact NJAMENA INFO on HF 20 MIN before GAROUA. (2) Outside opening hours: - On ATS routes from FL145 to FL245 and outside ATS routes from FL195 to FL245, the airspace is class A. Air traffic control service is rendered by N'DJAMENA ACC; - Outside ATS routes below FL195, the airspace is class G. Flight information and alerting services only are provided by N'DJAMENA ACC.</p>

ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR-2.1 FIR - UIR ET TMA FIR - UIR AND TMA

<p>NOM / NAME LIMITES LATERALES / LATERAL LIMITS LIMITES VERTICALES / VERTICAL LIMITS CLASSE D'ESPACE AERIEN / CLASS OF AIRSPACE</p>	<p>ORGANISME ASSURANT LE SERVICE UNIT PROVIDING SERVICE</p>	<p>INDICATIF - LANGUES REGION ET CONDITIONS D'UTILISATION HEURES DE SERVICE CALL SIGN, LANGUAGES, AREA AND CONDITIONS OF USE HOURS OF SERVICE</p>	<p>FREQUENCE ET OBJET FREQUENCY AND PURPOSE</p>	<p>OBSERVATIONS REMARKS</p>
1	2	3	4	5
<p>TMA MAROUA 11°18'23.27"N - 013°58'43.96"E, arc anti-horaire de 80 NM de rayon centré sur N'DJAMENA VOR/DME "FL" 12°08'30.10"N - 015°02'17.90"E, 10°49'00"N - 014°52'00"E, 10°21'00"N - 014°46'00"E, arc horaire de 30 NM de rayon centré sur MAROUA-SALAK NDB "TJL" 10°27'44.10"N - 014°14'38.60"E, 10°04'00"N - 013°57'00"E, 10°25'31.39"N - 013°31'14.32"E, FRONTIERE CAMEROUN / NIGERIA jusqu'au point 11°18'23.27"N - 013°58'43.96"E FL 145 ----- 900 M ASFC ESPACE CLASSE D</p>	<p>TWR MAROUA-SALAK</p>	<p>MAROUA-SALAK TOUR (FR/EN) MAROUA-SALAK RADIO (FR/EN) 0700/1700 et O/R à caim@ccaa.aero avant 1300(1) MAROUA-SALAK TOWER 0700/1700 and O/R to caim@ccaa.aero before 1300(1)</p>	<p>118.9 MHZ 8903 KHZ</p>	<p>(1) En dehors des horaires d'ouverture de l'aérodrome de MAROUA-SALAK, seuls les services d'information de vol et d'alerte sont rendus par NDJAMENA INFO (1) Outside opening hours, airspace is class G : Flight information and alerting services only are provided by NDJAMENA INFO</p>
<p>TMA N'GAOUNDERE 08°00'00.00"N - 013°00'00.00"E, 08°00'00.00"N - 014°13'00.00"E, 07°13'09.07"N - 014°02'19.96"E, arc horaire de 30 NM de rayon centré sur 07°19'48.3" - 013°32'53.40"E, 07°16'59.05"N - 013°02'49.98"E, 08°00'00.00"N - 013°00'00.00"E FL 145 ----- 900 M ASFC ESPACE CLASSE D</p>	<p>TWR NGAOUNDERE</p>	<p>NGAOUNDERE TOUR (FR/EN) 0700-1700 et O/R to CANG@ccaa.aero avant 1200 N'GAOUNDERE TOWER 0700/1700 and O/R to cang@ccaa.aero before 1200 UTC</p>	<p>118.1 MHZ</p>	<p>Règle de vol voir chapitres ENR 1 et ENR 2 (1) En dehors des horaires d'ouverture de l'aérodrome de N'GAOUNDERE, seuls les services d'information de vol et d'alerte sont rendus par BRAZZAVILLE INFO (1) Outside opening hours, airspace is class G : Flight information and alerting services only are provided by BRAZZAVILLE INFO</p>



ENR-2.2 ZONES DE CONTRÔLE CTR CTR CONTROL AREAS

1 NOM / NAME LIMITES LATÉRALES / LATERAL LIMITS LIMITES VERTICALES / VERTICAL LIMITS CLASSE D'ESPACE AÉRIEN / CLASS OF AIRSPACE	2 ORGANISME ASSURANT LE SERVICE UNIT PROVIDING SERVICE	3 INDICATIF - LANGUES REGION ET CONDITIONS D'UTILISATION HEURES DE SERVICE CALL SIGN, LANGUAGES, AREA AND CONDITIONS OF USE HOURS OF SERVICE	4 FREQUENCE ET OBJET FREQUENCY AND PURPOSE	5 OBSERVATIONS REMARKS
CTR DOUALA Cercle de 30 NM de rayon centré sur DOUALA VOR/DME "DLA" 03°59'38.10"N - 009°44'36.50"E 900 M AMSL ----- SOL - MER ESPACE CLASSE D	TWR/APP DOUALA	DOUALA TOUR (FR/EN) H24	119.7 MHZ 129.5 MHZ	La fréquence 129,5 Mhz est utilisée comme secours quand la fréquence TWR 119.7Mhz n'est pas disponible Frequency 129.5 Mhz is used as backup when TWR frequency 119.7 Mhz is not AVBL
CTR GAROUA Cercle de 15 NM de rayon centré sur GAROUA VOR/DME "TJR" 09°20'03.70"N - 013°20'40.40"E 900 M ASFC ----- SOL ESPACE CLASSE D	TWR GAROUA	GAROUA TOUR GAROUA TOWER (FR/EN) 0700 - 2000 UTC En dehors de ces heures, le service assuré sur demande à FKKRYDYX avant 1200 UTC	118.3 MHZ	Refer to FKKR-AD.2.20 for additional information
CTR MAROUA-SALAK Cercle de 15 NM de rayon centré sur MAROUA-SALAK NDB "TJL" 10°27'44.10"N - 014°14'38.60"E 900 M ASFC ----- SOL ESPACE CLASSE D	TWR MAROUA-SALAK	MAROUA-SALAK TOUR (FR/EN) 0700/1700 et O/R à caim@ccaa.aero avant 1300(1) MAROUA-SALAK TOWER 0700/1700 and O/R to caim@ccaa.aero before 1300(1)	118.9 MHZ	(1) En dehors des heures d'ouverture de l'aérodrome de MAROUA, seul le service d'information de vol et d'alerte est assuré par le CCR N'DJAMENA (1) Out of service hours of MAROUA aerodrome, only flight information and alert are provided by N'DJAMENA ACC

ENR-2.2 ZONES DE CONTRÔLE CTR CTR CONTROL AREAS

<p>NOM / NAME LIMITES LATÉRALES / LATERAL LIMITS LIMITES VERTICALES / VERTICAL LIMITS CLASSE D'ESPACE AÉRIEN / CLASS OF AIRSPACE</p>	<p>ORGANISME ASSURANT LE SERVICE UNIT PROVIDING SERVICE</p>	<p>INDICATIF - LANGUES REGION ET CONDITIONS D'UTILISATION HEURES DE SERVICE CALL SIGN, LANGUAGES, AREA AND CONDITIONS OF USE HOURS OF SERVICE</p>	<p>FREQUENCE ET OBJET FREQUENCY AND PURPOSE</p>	<p>OBSERVATIONS REMARKS</p>
1	2	3	4	5
<p>CTR N'GAOUDERE</p> <p>Cercle de 15 NM de rayon centré sur 07°19'48.30"N - 013°32'53.40"E</p> <p>900 M ASFC ----- SOL</p> <p>ESPACE CLASSE D</p>	<p>TWR NGAOUDERE</p>	<p>NGAOUDERE TOUR (FR/EN)</p> <p>0700-1700 et O/R to CANG@ccaa.aero avant 1200</p> <p>N'GAOUDERE TOWER 0700/1700 and O/R to cang@ccaa.aero before 1200 UTC</p>	<p>118.1 MHZ</p>	
<p>CTR YAOUNDE</p> <p>Cercle de 30 NM de rayon centré sur YAOUNDE / NSIMALEN DVOR/DME "NLY" 03°43'32.90"N - 011°33'23.30"E</p> <p>FL 065 ----- SOL</p> <p>ESPACE CLASSE D</p>	<p>TWR YAOUNDE/NSIMALEN</p>	<p>NSIMALEN TOUR (FR/EN)</p> <p>H24</p>	<p>119.1 MHZ</p>	<p>Aérodrome interdit aux aéronefs non munis de radiocommunications bilatérales. Demi-tour obligatoire sur les raquettes pour les aéronefs d'un poids supérieur ou égal à 13 TN. CTR commune aux deux aérodromes de YAOUNDE/NSIMALEN et YAOUNDE/Ville TWR YAOUNDE/Ville sur instructions des organes ATS</p> <p>AD prohibited for ACFT not equipped with bilateral radio communications. Obligatory u-turn on the turn-around areas for ACFT superior or equal to 13 TN weight. Common CTR for the 2 aerodromes YAOUNDE/NSIMALEN and YAOUNDE/Town TWR YAOUNDE/Ville on ATS instructions</p>



Identification (Type ¹ de RNP ²)												
Point caractéristique Significant point		Route MAG MAG Track		Dist (NM)	Limites verticales Vertical limits		Limites laterales Lateral limits (NM)	Classe Class	Série FL FL series		ACC UAC	
Designation	Coordonnées Coordinates	↓	↑		supérieure upper	inférieure lower			impair odd	pair even		
UG660 NIAMEY / KANO / MAIDUGURI / N'DJAMENA / GENEI / EL FASHER / EL OBEID												
▲	NIAMEY VOR-DME (NY)	13°28'52.03"N 002°12'24.75"E										
			101	281	73	FL 460	FL 245	100	A	↓	↑	ACC NIAMEY 131.3 MHZ 126.1 MHZ
▲	NAVKI	13°15'41"N 003°26'29"E										
			101	281	41	FL 460	FL 245	100	A	↓	↑	ACC NIAMEY (1)
▲	GULEN	13°08'11.60"N 004°07'21.10"E										
					619	FL 460	FL 245					(2)
▲	KELAK	12°05'18"N 014°37'58"E										
			081	261	24	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA 120.5 MHZ 128.1 MHZ (3)
▲	N'DJAMENA VOR-DME (FL)	12°08'30.10"N 015°02'17.90"E										
			077	257	150	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA
▲	GUPUM	12°37'14"N 017°32'46"E										
			077	257	69	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA
▲	ETSAM	12°49'58"N 018°42'04"E										
			077	257	48	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA (4)
△	NAPEN	12°58'46.27"N 019°30'43.33"E										
			078	258	86	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA (5)
▲	ARBEG	13°13'55"N 020°57'40"E										
			078	258	89	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA 120.5 MHZ 128.1 MHZ (6)
▲	GENEI	13°29'00"N 022°27'49"E										

(1) NAVKI : Intersection UM 114

(2) GULEN : Limite FIR KANO / NIAMEY

(3) KELAK : T/R Limite UIR KANO / N'DJAMENA

(4) ETSAM : Intersection UG 862

(5) NAPEN : Intersection UM 214 - UQ 589

(6) ARBEG : Intersection UG 655

1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.

2. RNP = Qualité de navigation requise.

3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.

Identification (Type ¹ de RNP ²)													
Point caractéristique Significant point		Route MAG MAG Track		Dist (NM)	Limites verticales Vertical limits		Limites laterales Lateral limits (NM)	Classe Class	Série FL FL series		ACC UAC		
Designation	Coordonnées Coordinates	↓	↑		supérieure upper	inférieure lower			impair odd	pair even			
UG727 NALUT/DIRKOU/MAIDUGURI/GAROUA/N'GAOUNDERE/BRAZZAVILLE													
▲	DEKIL	22°00'00"N 012°28'06"E											
			171	351	182	FL 460	FL 245	100	A	↓	↑	ACC N'DJAMENA 128.1 MHZ 120.5 MHZ	(1)
▲	DIRKOU VOR-DME (DIR)	18°58'53.30"N 012°52'49.80"E											
			177	357	99	FL 460	FL 245	40	A	↓	↑	ACC N'DJAMENA	
▲	DEMEG	17°19'53.34"N 012°56'04.64"E											
			177	357	80	FL 460	FL 245	40	A	↓	↑	ACC N'DJAMENA	(2)
▲	EDARA	15°59'39"N 012°58'40"E											
			177	357	104	FL 460	FL 245	40	A	↓	↑	ACC N'DJAMENA	(3)
▲	APTEX	14°15'24"N 013°01'58"E											
			177	357	42	FL 460	FL 245	40	A	↓	↑	ACC N'DJAMENA	(4)
▲	RAVOT	13°32'59"N 013°02'57"E											
						FL 460	FL 245					FIC KANO	(5)
▲	EBIMU	10°02'42"N 013°16'48"E											
			174	354	28	FL 460	FL 245	20	A	↓	↑	ACC N'DJAMENA 128.1 MHZ 120.5 MHZ	(6)
▲	PITRU	09°34'28"N 013°19'21"E											
			174	354	14	FL 460	FL 245	20	A	↓	↑	ACC N'DJAMENA	(7)
▲	GAROUA VOR-DME (TJR)	09°20'03.70"N 013°20'40.40"E											
			174	354	126	FL 460	FL 245	20	A	↓	↑	ACC NDJAMENA	
▲	ININA	07°13'31"N 013°33'49"E											
			172	352	51	FL 460	FL 260	100	A	↓	↑	ACC BRAZZAVILLE	(8)
▲	AREKA	06°23'03"N 013°43'08"E											
			178	358	14	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE	(9)

1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.
2. RNP = Qualité de navigation requise.
3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.



Identification (Type ¹ de RNP ²)												
Point caractéristique Significant point		Route MAG MAG Track		Dist (NM)	Limites verticales Vertical limits		Limites latérales Lateral limits (NM)	Classe Class	Série FL FL series		ACC UAC	
Designation	Coordonnées Coordinates	↓	↑		supérieure upper	inférieure lower			impair odd	pair even		
▲	INEVA	06°09'01.24"N 013°43'29.12"E										
			171	351	61	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (10)
▲	MOTET	05°08'46"N 013°52'28"E										
			171	351	68	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (11)
▲	KOGAN	04°01'28.20"N 014°02'28.20"E										
			171	351	30	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (12)
▲	NUVIP	03°31'26"N 014°06'55"E										
			171	351	23	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (13)
▲	AMPIL	03°09'01"N 014°10'14"E										
			171	351	52	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (14)
▲	INONU	02°17'13"N 014°17'54"E										
			172	352	105	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (15)
▲	GODAL	00°32'55.71"N 014°33'18.02"E										
			174	354	37	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (16)
▲	ONAVO	00°03'51.99"N 014°37'35.35"E										
			161	341	6	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (17)
▲	MIKMA	00°09'32"S 014°39'34"E										
			172	352	81	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (18)
▲	NULOR	01°30'24.99"S 014°51'30.15"E										
			172	352	19	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (19)
▲	TIVAL	01°49'42"S 014°54'21"E										
			172	352	146	FL 460	FL 245	100	A	↓	↑	ACC BRAZZAVILLE (20)
▲	BRAZZAVILLE MAYA-MAYA VOR-DME (BZ)	04°15'05.23"S 015°14'49.90"E										

(1) (Tronçon commun avec UM731)

Same track with UM731

DEKIL : T/R Limite FIR TRIPOLI / UTA N'DJAMENA

Intersection UG 858 - UM 731

(2) DEMEG : Intersection UQ 592

(3) EDARA : Intersection UR 778 - UT 237

(4) APTEX : Intersection UG 622

(5) RAVOT : Intersection UG620

1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.

2. RNP = Qualité de navigation requise.

3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.



Identification (Type ¹ de RNP ²)											
Point caractéristique Significant point		Route MAG MAG Track		Dist (NM)	Limites verticales Vertical limits		Limites laterales Lateral limits (NM)	Classe Class	Série FL FL series		ACC UAC
Designation	Coordonnées Coordinates	↓	↑		supérieure upper	inférieure lower			impair odd	pair even	
(6) (Tronçon commun avec UM998) Same track with UM998 EBIMU : T/R Limite FIR KANO /UTA N'DJAMENA											
(7) PITRU : Intersection UG 857											
(8) ININA : Intersection UQ200											
(9) AREKA : INTERSECTION UT475											
(10) INEVA : Intersection UQ 584											
(11) MOTET : Intersection UL 433											
(12) KOGAN : Intersection UR984											
(13) NUVIP : Intersection UQ 583											
(14) AMPIL : Intersection UL 434											
(15) INONU : Intersection UG 625											
(16) GODAL : Intersection UT 143											
(17) ONAVO : Intersection UT 419											
(18) MIKMA : ABM MAKOUA VOR (CF)											
(19) NULOR : Intersection UQ 580											
(20) TIVAL : T/R Limite TMA POOL											

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1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.
2. RNP = Qualité de navigation requise.
3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.



Identification (Type ¹ de RNP ²)												
Point caractéristique Significant point		Route MAG MAG Track		Dist (NM)	Limites verticales Vertical limits		Limites latérales Lateral limits (NM)	Classe Class	Série FL FL series		ACC UAC	
Designation	Coordonnées Coordinates	↓	↑		supérieure upper	inférieure lower			impair odd	pair even		
UR975 AGADIR / ZOUERATE / ARDAR / SAINT-LOUIS / DAKAR												
▲	ECHED	27°40'00"N 010°37'00"W										
			202	022	155	FL 460	FL 245	100	A	↑	↓	ACC NOUAKCHOTT 124.2 MHZ (1)
▲	BIMOG	25°13'00"N 011°33'00"W										
			202	022	111	FL 460	FL 245	100	A	↑	↓	ACC NOUAKCHOTT
▲	OSVOR	23°27'18.39"N 012°12'25.07"W										
			202	022	44	FL 460	FL 245	100	A	↑	↓	ACC NOUAKCHOTT (2)
▲	ZOUERATE VOR (ZRT)	22°45'30.70"N 012°27'41.70"W										
			198	018	139	FL 460	FL 245	40	A	↑	↓	ACC NOUAKCHOTT
▲	ARDAR	20°30'00"N 013°04'00"W										
			221	021	198	FL 460	FL 245	100	A	↑	↓	ACC NOUAKCHOTT
▲	SEPEL	17°50'02"N 015°07'18"W										
			221	021	14	FL 460	FL 245	100	A	↑	↓	ACC NOUAKCHOTT (3)
▲	IDINI	17°38'35"N 015°15'57"W										
			221	021	40	FL 460	FL 245	80	A	↑	↓	ACC NOUAKCHOTT (4)
▲	ULNOT	17°06'26"N 015°40'09"W										
			222	042	43	FL 460	FL 245	80	A	↑	↓	ACC NOUAKCHOTT (5)
▲	NEVDI	16°31'02"N 016°06'36"W										
			222	042	34	FL 460	FL 245	80	A	↑	↓	ACC DAKAR 120.5 MHZ 129.5 MHZ (6)
▲	SAINTE-LOUIS NDB (SLO)	16°02'56.70"N 016°27'25.70"W										
			224	044	98	FL 460	FL 245	20	A	↑	↓	ACC DAKAR
▲	ANITI	14°44'41.40"N 017°28'29.20"W										

(1) ECHED : T/R Limite FIR CASABLANCA / UTA DAKAR

(2) OSVOR : Intersection UT 365

(3) SEPEL : Intersection UG 615

(4) IDINI : T/C Limite UTA DAKAR
Intersection UA 600

(5) ULNOT : Intersection UR 865

(6) NEVDI : T/R Limite UTA NOUAKCHOTT

1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.

2. RNP = Qualité de navigation requise.

3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.



Identification (Type ¹ de RNP ²)												
Point caractéristique <i>Significant point</i>		Route MAG MAG Track		Dist (NM)	Limites verticales <i>Vertical limits</i>		Limites laterales <i>Lateral limits</i> (NM)	Classe <i>Class</i>	Série FL <i>FL series</i>		ACC UAC	
Designation	Coordonnées <i>Coordinates</i>	↓	↑		supérieure <i>upper</i>	inférieure <i>lower</i>			impair <i>odd</i>	pair <i>even</i>		
UR976 DAKAR / SAL												
▲	ANITI	14°44'41.40"N 017°28'29.20"W										
		298	118	33	FL 460	FL 245	40	A	↑	↓	ACC DAKAR 120.5 MHZ 129.5 MHZ	
▲	NARAT	14°56'36.20"N 018°00'00"W										
		298	118	124	FL 460	FL 245	40	A	↑	↓	ACC DAKAR	(1)
▲	LUMPO	15°40'48"N 020°00'00"W										

(1) NARAT : Intersection UG 853
LUMPO : T/R Limite UTA DAKAR / UIR SAL OCEANIQUE

1. Type de RNP = Valeur de confinement exprimée sous forme de distance en milles marins par rapport à la position voulue, à l'intérieur de laquelle sont censés se trouver les aéronefs pendant au moins 95 % du temps de vol total.
2. RNP = Qualité de navigation requise.
3. La RNP 4 représente une précision de navigation de plus ou moins 7,4 km (4NM) sur la base d'un confinement de 95 %.



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	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
ABALA	16°03'00"N 004°35'00"E	NIAMEY vers ARLIT	AMPIL	03°09'01"N 014°10'14"E	UL434 - UG727
ABAVO	04°26'24"N 018°46'48"E	UT139	AMPOX	02°54'48"N 001°18'42"E	
ABBIS	11°59'54"N 015°33'48"W	B600 ABM BISSAU - 061° de BISSAU VOR (BIS)	AMPUS	03°55'03.80"N 008°51'14.40"E	MALABO IAF/IF
ABEPI	14°22'16.11"N 020°30'43.91"E	UG655 - UM863	AMREN	06°10'56"N 016°39'24"E	UG624 - UM731 Brazzaville FIR (Central African Republic)
ABIPO	06°07'45.11"N 006°17'26.27"W	UV207	AMSAT	09°00'00"N 002°39'51"W	G859/UG859 T/R Limite FIR ACCRA/FIR DAKAR (Secteur d'ABIDJAN)
ABNEB	20°05'37.79"N 000°48'53.82"E	IAF/IF TESSALIT	AMSEN	22°00'00"N 006°07'02"W	UR866
ABOXO	13°54'06.75"N 019°19'35.75"E	UM214 - UM863	AMSEP	18°15'59.50"N 015°48'35"W	NOUAKCHOTT IAWP
ADOKO	20°02'02.05"N 000°52'36.15"E	IAF/IF TESSALIT	AMSIK	01°13'01"S 016°50'56"E	UM998 BRAZZAVILLE/KINSHASA
AGRAP	11°55'25.77"S 043°16'34.94"E	IAF MORONI	AMSIL	08°46'05"N 000°47'00"E	UM566 - UB726
AGRIL	14°53'52.55"N 017°52'45.18"W		AMSOM	06°34'54"N 001°05'32"E	TMA LOMÉ
AGROB	18°13'27.18"N 016°13'54.73"W	IAF NOUAKCHOTT OUMTOUNSY	AMSUD	01°43'05.50"N 009°41'37.30"E	BATA IAF
AGROD	08°00'00"N 012°24'04"E	G857 T/R Limite FIR N'DJAMENA /FIR BRAZZAVILLE	AMTES	20°05'00"N 002°22'00"E	B726 T/R Limite FIR ALGER/FIR NIAMEY
AGROL	09°45'02.99"N 013°18'07.12"E		ANDIL	13°42'47"S 048°00'22"E	UG661
AGRUB	00°25'49"N 008°05'00"E	A616/UA616 Limite TMA LIBREVILLE et TMA SAO-TOME	ANIPA	04°49'09"N 017°28'29"E	UT475 - UQ583
AGSES	15°28'36.79"S 046°44'09.03"E		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
AGSIM	00°08'24"S 007°56'40"E	UG625	ANIXA	11°00'20"N 005°22'26"W	G854/UG854 T/R TMA BAMAKO/ TMA BOBO-DIOULASSO
AGSOL	14°44'59.42"N 017°02'57.69"W		ANJON	12°07'55.30"S 044°25'42.91"E	
AGSUD	07°11'21.50"N 007°47'31.80"W	MAN IAF	ANKOR	10°00'00"S 050°34'42"E	UA665
AGTEN	00°51'55.50"N 009°30'36.50"E		ANOBO	01°25'28"S 005°37'30"E	ANNONON AD
AGTIR	01°06'34.18"N 012°28'31.03"E	UQ582 - UR986	ANOMO	09°21'04.62"N 005°45'31.21"W	KORHOGO IAF
AGTOM	01°57'11.96"N 018°05'21.62"E	UT419	ANOPO	04°41'48.39"N 006°50'49.12"W	SAN PEDRO IAF
AKBOR	00°25'19.17"S 007°16'52.74"E	UA400 - UG625 Brazzaville FIR - Congo	ANOSI	18°50'10.80"S 047°44'39.90"E	ANTANANARIVO IAF
AKDAD	18°29'19.90"N 016°05'55.80"W		ANPIR	05°49'54"S 016°44'00"W	
AKDAK	10°21'00"N 015°36'00"W	UG853	ANTAN	15°34'27.01"S 046°06'57.70"E	
AKDEK	20°27'07.24"N 001°04'40.45"E	IAF/IF TESSALIT	ANTIR	21°14'30.40"S 055°12'14.20"E	
AKLIX	16°19'59.70"N 000°09'48.22"E	IAF/IF GAO	ANTOL	19°49'51.30"S 053°05'42.30"E	
AKLOS	05°29'06.15"N 003°55'26.34"W	ABIDJAN IAF	ANUKI	05°09'23.76"N 024°27'26.74"E	UT325 - UT419
AKMEL	04°35'20.60"N 018°28'12.20"E	BANGUI IF	ANUMU	15°44'01.41"N 008°10'04.78"W	UM122 - UG615 - UR977 Dakar FIR (Mauritania)
AKMUT	03°47'14.99"N 011°08'29.49"E		ANURO	17°56'26.80"N 016°04'35.10"W	
AKRAN	05°49'54"S 016°44'00"W		ANUSA	09°29'05.50"N 007°46'20.60"W	ODIENNE IAF
ALUNA	20°07'58.10"S 055°31'10"E	UA400 - UR401	ANUVO	07°50'59"N 002°48'04"W	UP685
AMBOD	17°22'39"S 055°30'00"E	UA665/UM665F	ANVOR	18°05'51"S 054°09'34"E	UN304 - UG661
AMDEX	06°59'44"N 005°10'16.60"W	YAMOOUSSOUKRO IAF	APATA	09°24'21.98"N 013°09'14.67"E	GAROUA IAF
AMDIR	19°03'24"N 014°47'07"E	A403/UA403 ABM DIRKOU VOR (DIR)	APAXO	02°05'00.10"N 009°53'45.50"E	BATA IF
AMDOL	14°21'12"N 026°21'30"W	UN866	APELU	18°18'26.02"S 049°24'54.47"E	
AMGIR	14°39'00.49"N 003°55'34.65"W	IAF/IF MOPTI	APEMI	04°19'36"S 011°38'53"E	UY339 - UR987
AMGOR	16°53'34.14"N 007°48'36.99"E	IAF AGADEZ RNP RWY 07L	APERA	13°28'54.16"N 006°55'47.10"E	IAF IF MARADI
AMKOT	13°28'36.62"N 002°00'04.32"E	NIAMEY IAF	APERU	16°15'00"N 002°16'20"E	B726 T/R Limite TMA NIAMEY
AMPAS	06°40'00"N 007°49'00"W	UV207/V207	APKOT	18°20'15.40"S 055°23'49.80"E	UL433
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
APLEM	18°29'10"S 054°43'54"E	UG661
APMAS	12°40'08.30"S 045°02'58.30"E	
APONO	04°01'23"N 011°36'21.60"E	YAOUNDE Ns. IAF
APONU	05°26'50.80"N 003°50'56.70"W	ABIDJAN IAF
APOPA	01°35'00"N 009°42'42"E	UQ583 - G857/UG857 Limite TMA LIBREVILLE
APOXI	12°20'20.08"N 015°07'37.54"E	N'DJAMENA IAF
APSOM	03°21'53.98"S 009°21'33.53"E	UA400 - UQ562 UIR BRAZZAVILLE CONGO
APTAL	00°21'32.93"S 010°26'23.02"E	G856 Brazzaville FIR (Congo)
APTEX	14°15'24"N 013°01'58"E	UG622 - UG727
APTON	04°14'13.30"S 015°27'02"E	IAF BRAZZAVILLE
APTON	14°34'42"N 017°27'25.70"W	DAKAR IAF
APTOS	07°02'24.09"N 015°45'45.64"E	UQ584 - UG624
ARAKI	05°18'00"S 010°44'00"E	A400/UA400 T/R limite FIR BRAZZAVILLE/FIR LUANDA
ARAMO	11°35'09"N 004°19'56"W	
ARASI	01°48'02.38"N 010°16'38.54"E	H455/UH455 - UQ583 - UG861 T/C Limite TMA DOUALA/LIBREVILLE
ARASO	02°00'00"S 005°32'39"W	
ARBEG	13°13'55"N 020°57'40"E	UM215 - UG655 - G660/UG660 172° D'ABECHE L (AB)
ARBEL	00°42'17.13"S 013°06'40.78"E	UT419 - UR986
ARBEN	16°26'19"N 016°21'40"W	R975 T/R Limite TMA NOUAKCHOTT / TMA DAKAR
ARDAN	00°35'26.60"N 009°32'53.30"E	
ARDAR	20°30'00"N 013°04'00"W	UR620 - UB728 - UA854 - R975/UR975
ARDAS	07°34'50.64"N 005°14'10.59"W	BOUAKE IAF
ARDET	05°33'38"N 005°46'06"W	UQ592 - UB600
ARDEX	04°07'18"N 007°52'18"E	UP685
ARDOS	18°10'48.16"N 015°46'07.01"W	IAF NOUAKCHOTT OUMTOUNSY
ARDUM	00°53'09"N 010°29'58"E	UG625 - UG861 UTA LIBREVILLE - GABON
AREKA	06°23'03"N 013°43'08"E	UT475 - UG727
AREMA	16°05'30.25"N 000°07'45.55"W	IAF GAO
ARGAM	13°47'46.47"N 000°40'21.52"E	UM629 - UM974 UM629 - UM974
ARIBO	12°44'44.40"N 001°21'45.80"W	
ARIBU	03°31'21"S 011°34'12"E	Brazzaville FIR (Congo)
ARIDO	20°43'12"N 017°05'16.90"W	NOUADHIBOU IAF
ARIKO	17°12'40"N 014°50'02"W	A600 T/R Limite TMA NOUAKCHOTT partie 1
ARKEV	03°51'57.57"N 012°42'54.34"E	R984-2/UR984 Yaounde TMA Boundary in Brazzaville FIR (Cameroon)
ARKOS	04°00'00"S 006°35'00"E	UT419 - UQ582
ARKUR	14°38'25"N 007°00'00"W	UM108 - UB735 - UM974 Bamako TMA. Mali.
ARKUS	01°31'58.80"S 013°14'38.95"E	
ARLEM	00°23'30"N 007°44'42"W	
ARLEX	10°16'47"N 000°17'13"E	UQ592 - UR984
ARLIX	06°09'02"N 005°06'36"W	UQ592 - UR979
AROGA	20°14'51.96"N 001°26'58.51"W	UM104 - UA614 - UM629

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
ASDOK	01°36'48"S 022°26'24"W	
ASEBA	07°18'40"N 028°13'08"W	UL435 - UN873
ASKOL	15°48'54"N 024°00'05.35"E	UM863
ASKON	06°17'44.81"N 026°25'36.56"E	UT139 - UT419
ASOBU	04°21'13"N 024°13'36"W	
ASSAM	08°00'00"N 012°54'54"E	H455/UH455 T/R Limite TMA GAROUA/CIV BRAZZAVILLE
ATANI	03°26'12"S 013°14'06"W	
ATOLA	10°00'00"S 046°28'30"E	UL433
AVIGA	17°17'12.63"S 049°50'18.76"E	IAF FMMS-IAC-RNP01
AXOTA	25°55'24"S 050°00'00"E	UG652
AZARE	06°15'57.16"N 001°27'44.84"E	LOME ILS Y or LOC Y - RWY 22 IAF
BADIA	12°16'00"N 013°45'36"W	UR979
BAKAB	16°14'16.29"N 000°01'35.42"W	UT365 - UA603 - A612/UA612 - UM629 - G859/UG859 - R981/UR981
BALBY	18°45'31.38"S 047°13'25.43"E	ANTANANARIVO IAF
BAMAV	00°35'39.18"N 018°08'24.51"E	UQ580
BANGA	13°05'27"N 000°53'57"E	G854
BATIA	11°00'00"N 001°27'18"E	UQ592 - UM629 - B726/UB726 T/R Limite TMANIAMEY/FIR ACCRA
BATVU	00°35'27.98"N 017°53'24.93"E	UT143
BEPOM	10°54'12.70"N 006°06'24.61"W	UP685 - UG854
BERIL	10°00'00"S 045°59'36"E	UN305 - UR775
BIDAX	16°55'33.34"N 012°01'54.59"E	UT237 - UQ592
BIDER	09°20'57.32"N 013°34'48.40"E	GAROUA IAF/IF
BIDOK	12°49'59"N 009°15'46"W	A601 T/R Limite TMA BAMAKO partie 1
BIDOL	04°16'58.30"S 015°03'00.40"E	BRAZZAVILLE IAF
BIDOM	17°17'42"N 003°30'55"E	UM114 - UG855
BIDON	07°16'50.69"N 017°14'16.12"E	UQ200 - UA607
BIDUX	18°38'27"N 000°52'15"W	UM629 - UB727
BIGAD	14°56'05"N 003°07'20"W	A612 Point on Mopti TMA boundary. Mali. Dakar FIR
BIGIS	04°34'14.01"N 006°44'01.23"W	SAN PEDRO IAF/IF
BIGOM	10°31'51"N 003°05'04"W	UM104 - UA601 - UA614
BIKAB	06°47'26.91"N 002°22'55.96"E	
BIKET	00°37'29.60"N 009°47'38.40"E	
BIKIP	05°18'12"N 001°11'30"E	
BIKIS	16°16'41"N 016°46'57"W	UB601
BIKOM	15°43'30"N 031°48'18"W	Dakar and SAL Oceanic FIR boundary point
BIKOR	12°44'04.10"N 001°41'19.60"W	
BILEV	04°03'13.55"S 015°20'52.82"E	IAF BRAZZAVILLE
BILEX	10°04'07"N 013°55'45"E	G857 T/R Limite TMA MAROUA
BIMAS	12°15'24.40"N 015°12'20.50"E	N'DJAMENA IAF
BIMOD	04°15'50.38"N 008°01'56.86"E	MALABO - PORT HARCOURT
BIMOG	25°13'00"N 011°33'00"W	R975/UR975
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



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
BINAD	18°04'49.63"N 016°06'14.56"W	IAF NOUAKCHOTT OUMTOUNSY
BINAS	00°38'43.80"N 009°19'18.80"E	LIBREVILLE IAF
BINAT	03°41'38.93"N 008°29'49.86"E	MALABO IAF
BINET	09°20'10.52"N 018°24'33.94"E	SARH IAF
BINOK	05°25'15.78"N 003°46'10.37"W	ABIDJAN IAF
BIPAV	02°58'56"N 002°31'20"E	
BIPER	05°28'29.90"N 003°50'15.80"W	ABIDJAN IAWP
BIPEX	04°31'12"N 001°47'24"E	UR979
BIPIV	03°10'32.90"N 006°46'57.36"E	UG856
BIPOX	04°12'14.40"N 018°27'36"E	BANGUI IAF
BIRAL	10°55'33"S 047°34'36"E	UM307 - UL433
BIRIX	06°51'48"N 012°33'05"E	UH455 - UT475
BIROV	16°47'48.33"N 002°50'14.54"W	IAF/IF TOMBOUCTOU
BISEP	06°03'35.75"N 001°26'54.14"E	LOME VOR RWY 04 IAF
BISIK	13°22'24.41"N 002°00'22.54"E	NIAMEY IAF
BISIL	01°46'45.38"S 013°37'54.37"E	
BITEX	01°15'48"N 019°51'24"W	
BOLBE	13°25'26.42"N 014°38'40.61"E	A607 T/R Limite TMA N'DJAMENA
BONBA	16°24'26.99"N 000°07'24.32"E	IAF GAO
BONKU	14°13'58"N 000°20'30"W	NIAMEY vers NOUAKCHOTT
BONRI	06°16'10"N 013°59'47"E	UT475 - UQ584
BONTO	09°11'33"N 005°55'29"W	G851 T/R Limite TMA BOUAKE
BONVI	14°54'17.70"N 017°31'30.20"W	DAKAR IAF
BORGU	14°23'34.71"N 017°42'48.46"W	
BORKI	10°42'37.59"N 017°07'48.45"E	UT325 - UW605 UTA NDJAMENA TCHAD
BORNI	09°28'24"N 002°51'21"E	UL683 - UR981
BOROM	15°48'10.46"S 046°30'28.05"E	MAHAJANGA IAF IAWP
BORSA	08°55'04.37"N 013°23'13.38"E	
BORTA	13°55'14"N 020°43'45"W	UW32 SAL OCEANIQUE / DAKAR
BOSKA	07°57'46.91"N 005°03'55.59"W	BOUAKE IAF
BOSTA	12°08'20.73"N 001°32'00.28"W	OUAGADOUGOU IAF
BOTLO	19°20'59"N 016°25'40"W	A600 C/R Limite TMA NOUAKCHOTT
BOTNO	13°30'00"N 023°14'30"W	UN857
BOTSI	07°04'51.80"N 007°40'30.40"W	MAN IAF/IF
BOVDA	12°27'05.52"N 003°37'49.31"E	UT365 - UQ592
BOVGA	01°15'58"N 008°05'00"E	B600/UB600 IAF FOOL SID-RNAV16
BOVLI	09°20'22.36"N 005°20'41.90"W	KORHOGO IAF
BRENA	26°07'00"N 006°37'00"W	UA854
BUDNO	08°55'28"N 000°30'43"E	UM566
BUDOS	17°56'08.50"N 016°04'50"W	NOUAKCHOTT IAF
BUGAM	18°18'10.70"N 013°15'37.70"W	UM725 - UB728
BULGU	16°00'00"N 008°48'20.20"E	R986 Niamey FIR - Niger
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
BUMBI	12°28'00"N 012°58'00"W	UM372 - UR722

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
BUNKA	07°03'04.77"N 005°14'01.67"W	YAMOOUSSOUKRO IAF/IF
BUNLI	14°41'35"N 008°50'22"W	G851/UG851 - UM974 Bamako TMA Boundary in Niamey FIR (Mali)
BUNLU	16°34'28"N 013°39'27"E	A607/UA607 - UM731 - UR778
BUNVO	14°38'01"N 006°47'49"W	
BUPAS	14°27'10.20"N 011°35'29.10"W	KAYES IAF
BURAT	16°56'48"N 014°51'52"E	UA403 - UG862
BURDU	12°06'21.03"N 015°40'15.54"W	BISSAU IAF
BUROM	11°45'17"N 002°55'18"W	G854 T/C Limite TMA BOBO-DIOULASSO/TMA OUAGADOUGOU
BUTEM	05°30'00"S 010°00'00"W	
BUVUK	05°30'00"N 025°50'00"W	UL435
BUXON	08°29'02"N 029°46'59"W	UL435 - UN866
CARIM	26°00'00"N 011°11'41.80"W	R975 T/R LIMIT FIR CANARIAS / FIR DAKAR
CHARI	10°55'16.13"N 015°35'51.29"E	A607 T/R Limite TMA N'DJAMENA partie 1
DAMNA	14°56'34"N 004°35'00"E	UY212 - UQ594
DEDOS	02°04'33.39"S 008°26'52.85"E	UA400 - UQ582 Brazzaville FIR (Congo)
DEDOT	09°03'03.42"N 018°12'11.77"E	SARH IAF
DEGAM	18°15'45.20"N 015°50'17.30"W	NOUAKCHOTT IAF
DEGAS	06°29'28"N 004°29'08"W	G851 T/R Limite TMA ABIDJAN
DEGIL	00°28'23.10"N 009°13'08.70"E	
DEKAR	16°47'11.98"N 002°50'20.80"W	
DEKAS	12°48'50.28"N 000°00'28.62"W	UQ594 - UA603 - UG854
DEKAT	12°39'57.10"N 007°44'40.10"W	BAMAKO IAF
DEKER	01°28'59.73"S 013°18'39.95"E	
DEKET	18°33'21"N 010°31'38"W	UQ596 - UG851
DEKIL	22°00'00"N 012°28'06"E	UG727/UM727 - UM731 - G858/UG858
DEKOM	06°12'47.24"N 001°27'04.10"E	LOME VOR RWY 22 IAF
DEKON	05°13'00"N 031°37'54"W	UN866
DELAM	14°40'30"N 029°05'36"E	
DELAX	08°20'12"N 026°03'06"W	UN857
DELIS	15°16'25"N 012°08'34"E	UG616 - UR778 - UM998
DELIX	23°34'02"N 006°55'24"W	UM725 - UR866
DELOV	18°08'09.11"N 016°19'14.55"W	MAHPNOUAKCHOTTOUMTOUNSY
DELUN	13°32'32.54"N 012°43'04.11"W	UM372 - UA601 - UR722 Dakar FIR - Senegal
DEMAP	02°31'37"N 007°25'11"E	UQ584 - UG856 UIR BRAZZAVILLE CONGO
DEMEG	17°19'53.34"N 012°56'04.64"E	UQ592 - UG727 N'djamena FIR (NIGER)
DEMEK	00°14'43.40"N 009°23'51.80"E	LIBREVILLE IAF
DEMIL	16°27'06"N 015°29'07"W	UM725 - UR865
DEMIM	16°53'10.70"N 007°49'31"E	AGADEF IAF
DEMOX	18°31'49"N 016°00'00"E	UQ592 - UR778
DENAD	00°52'07.54"S 006°13'49"E	UG625
DENAT	11°52'58.40"N 017°34'32.67"E	UT142
DENER	02°05'14.90"N 009°53'13.10"E	BATA IAF

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
DENET	16°48'22.94"N 007°51'51.71"E	IAF AGADEZ RNP RWY 07R
DENIT	09°33'44.60"N 001°00'12.70"E	NIAMTOUGOU IAF
DENLI	10°00'00"S 050°28'12"E	UN304
DENOT	09°25'05.96"N 007°43'16.36"W	ODIENNE IAF/IF
DEPAL	14°22'35.50"N 017°04'12.10"W	BLAISE DIAGNE DIASS-THIES IAF/IF
DEPAM	13°54'00.01"N 002°10'52.94"E	
DEPOG	01°01'19.42"S 007°42'15.92"E	UA400 - UQ558 Brazzaville FIR - GABON
DEPOS	13°28'48.47"N 014°59'26.21"E	A403 T/R Limite TMA N'DJAMENA partie 1
DEPUB	09°28'24"N 002°18'29"E	UA608 - UL683
DERAB	11°44'29.03"N 015°47'45.52"W	BISSAU IAF
DERES	03°58'25.27"N 008°47'31.09"E	MALABO IAF
DESAM	03°28'33"N 012°41'47"E	UL434
DESAX	14°56'15.47"N 017°25'06.59"W	IAF DAKAR
DESIR	20°00'00"N 008°47'23"E	UB731
DETAR	12°52'59.70"N 008°48'27.42"E	UG858
DETA	12°17'10.73"N 015°11'39.23"E	N'DJAMENA IAWP
DETEK	14°23'13.17"N 017°15'17.61"W	
DETLA	07°55'44.13"N 004°59'19.46"W	BOUAKE IAF/IF
DETNU	01°42'16.54"S 012°06'17.59"E	UQ581 - UG856 UTA BRAZZAVILLE-CONGO
DEVGU	14°39'04.10"N 014°56'54.45"E	A403 N'djamena FIR (TCHAD)
DEVLI	04°00'00"N 007°30'00"W	UM237 - UQ592
DEVRA	07°20'30"N 007°24'55"W	MAN IAF
DIBGO	05°29'24"S 011°51'15"E	R526
DIGDA	06°41'44.40"N 005°26'20.37"W	YAMOOUSSOUKRO IAF
DIGRU	09°27'05.50"N 013°32'56.50"E	IAF GAROUA
DIKBA	09°47'18"N 017°37'28.98"W	
DIKNO	14°47'09.39"N 005°06'30.22"E	IAF/IF TAHOUA
DIKSU	13°14'29.60"N 003°33'05.92"E	G660 Niamey FIR - NIGER
DIKTA	18°29'54.20"N 015°49'55.40"W	
DILBA	16°09'57.36"N 000°10'09.64"W	IAF GAO
DILBI	17°59'32.40"N 016°08'43"W	
DILMA	03°32'41.21"N 011°31'19.99"E	YAOUNDE IAF/IF
DILSO	09°33'45.52"N 000°55'33.66"E	IAF NIAMTOUGOU
DIMKA	09°30'15.85"N 005°22'28.19"W	KORHOGO IAF
DIMTO	05°42'53.42"N 010°14'22.66"E	IAF BAFOUSSAM (FKKU) RNAV RWY 15
DINTA	17°34'18"N 014°50'28"E	UA403 - UR778
DIPKO	06°56'23.10"N 015°31'53.87"E	UA403 - UQ584
DIPLA	00°00'00"N 006°00'00"W	
DIPLO	04°08'04.90"S 015°23'32.60"E	BRAZZAVILLE IAWP
DIPRI	05°27'10.90"N 003°50'48.36"W	ABIDJAN IAF
DIPTO	16°35'11.12"N 003°08'42.14"W	IAF TOMBOUCTOU
DIPVA	04°18'50.38"S 015°02'17.09"E	IAF BRAZZAVILLE
DIRBA	17°55'48"S 047°00'00"E	A401/UA401
DISDI	12°04'44.50"N 015°35'25.50"W	BISSAU IAF/IF
DISDO	03°54'39.20"N 009°54'25"E	DOUALA IAF

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
DISPI	15°14'52"N 005°05'26"E	UY333 - UQ594
DITKA	00°12'15.40"N 009°44'34.30"E	
DOBAR	18°32'27"S 046°30'07"E	UA400
DOBUT	19°20'09.20"S 053°25'10.90"E	UB790
DOGON	13°35'41"N 004°21'57"E	G854/UG854 T/R Limite FIR NIAMEY/FIR KANO
DOPER	04°32'19.51"N 006°38'46.27"W	SAN PEDRO IAF
DUGLO	15°26'59.24"S 046°13'53.50"E	
DUNKO	17°16'32.24"S 049°56'32.63"E	IAF FMMS-IAC-RNP01
DUPTO	22°35'23"S 048°00'00"E	UG653 FIR ANTANANARIVO - MADAGASCAR
DURBO	12°08'18.86"S 049°09'15.71"E	IF FMNA-IAC-RNP13
DUVRI	23°09'58.18"S 043°42'43.10"E	IAF FMST-IAC-RNP22
EBAKO	01°48'09.66"N 017°49'12.55"E	UT419 - UM731
EBAMA	15°01'14.72"N 017°09'24.30"W	
EBATI	24°15'29"N 008°50'46"W	UM122 - UA854 - UR977
EBELU	15°09'39.66"N 017°26'45.63"W	
EBETI	02°48'16.48"S 008°57'46.15"E	UA400 - UT419
EBIMU	10°02'42"N 013°16'48"E	UG727
EBRAS	00°04'14.80"N 009°34'10.30"E	
EBRAX	14°30'47.84"N 017°07'14.33"W	LEOPOLD SEDAR SENGHOR IAF
EBRAX	19°26'02.24"N 014°46'15.68"E	UA403 - UQ594
EBRID	04°23'21.60"N 007°24'54.36"W	UP102
EBROT	03°51'18.44"N 009°06'48.68"E	
EBSAK	03°44'42.94"N 011°08'11.64"E	
EBSEN	04°38'42.98"S 010°16'02.67"E	UA400 - UQ560
EBSIR	18°00'14.80"N 015°31'23.30"W	
EBSIX	03°25'53.07"S 014°14'55.17"E	G856 Brazzaville FIR (Congo)
EBSUD	11°30'07"N 005°14'54"W	A601/UA601 T/R Limite TMA BOBO DIOULASSO
EBTAM	20°19'55.66"N 001°12'05.91"E	IAF/IF TESSALIT
EBTIR	03°42'11"N 017°19'01"E	Brazzaville FIR (Central African Republic)
EBULI	02°00'38"N 006°35'00"E	B600/UB600 T/R Limite FIR ACCRA/UIR BRAZZAVILLE
EBVAP	15°32'46.14"N 000°10'23.80"E	UM629
ECHED	27°40'00"N 010°37'00"W	UR975
EDAGO	19°30'00"N 007°49'03"E	UR978
EDAMA	22°11'13"S 040°37'38"E	UB536 - UG652
EDARA	15°59'39"N 012°58'40"E	UT237 - UG727 - UR778
EDDER	09°56'51.60"N 001°10'06.80"E	NIAMTOUGOU IAF
EDEBA	03°55'58"N 010°09'32"E	R984-2/UR984
EDGAS	12°28'27.40"N 001°06'15.30"W	
EDGIB	12°27'33"N 004°31'36"W	G860/UG860 T/R Limite TMA BOBO DIOULASSO
EDGUM	08°00'00"N 016°10'08"E	UM731 NDJAMENA / BRAZZAVILLE
EDKAP	13°22'51.20"N 000°50'32.13"E	A600 Niamey FIR (Burkina Faso)
EDKUS	16°58'13.83"N 007°46'40.55"E	IAF AGADEZ RNP RWY 07L
EDOTO	01°54'14.59"S 008°36'51.06"E	UQ582
EGABU	17°11'55"N 014°35'47"W	UA600 - UM725



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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 ILSY 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
ERESA	11°38'21.22"N 019°46'44.51"E	UT142 - UM214 - UW605 - UG862

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
GALET	14°32'15"N 001°21'38"E	R981 T/R Limite TMA NIAMEY

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
GALIS	05°06'48.85"N 004°04'37.61"W	IAF ABIDJAN
GALIV	14°00'51"N 000°25'36"W	UM974 FIR NIAMEY - BURKINA FASO
GALMU	11°42'52.62"N 015°42'55.78"W	BISSAU IAF/IF
GALNI	01°57'52"S 016°07'40"E	A410/UA410 Limite TMA POOL BRAZZAVILLE Congo
GALOL	14°19'02.55"N 004°10'13.40"W	IAF MOPTI
GALOR	18°31'23.20"N 015°51'47.50"W	IAF NOUAKCHOTT OUMTOUNSY
GALVA	18°19'08.60"S 049°24'59.33"E	TOAMASINA IAWP
GALVO	13°39'32.35"N 008°49'21.51"E	IAF ZINDER (DRZR)RNP RWY 0 5
GAMIT	04°01'07.79"N 011°36'18.95"E	YAOUNDE IAF/IF
GAMON	18°04'41.30"N 015°49'41.10"W	IAF NOUAKCHOTT OUMTOUNSY
GAMUD	13°12'53"N 001°11'09"W	A600/UA600 - G859/UG859 Ouagadougou TMA. in Niamey FIR
GAMUS	14°39'53"N 017°01'05"E	UG617 - UG622 - UG862
GANDA	09°28'46.26"N 003°10'00.60"E	UL683
GANIT	16°46'30.88"N 011°41'58.70"E	UQ592 - UM998 Njamena FIR (NIGER)
GANOT	05°08'11"N 004°19'45.60"W	
GANSI	18°25'33.30"N 016°09'45.30"W	IAF NOUAKCHOTT OUMTOUNSY
GAPAG	11°00'00"N 000°19'30"E	UG855
GAPAK	00°56'26"N 005°30'32"E	A400 - UQ584 T/R limite FIR ACCRA/TMA SAO-TOME
GAPES	06°14'32.64"N 002°13'54.82"E	IAF COTONOU(DBBB) RNP RWY06
GAPIN	09°33'45.75"N 001°00'13.19"E	IAF NIAMTOUGOU
GAPOT	11°20'36.20"N 004°13'35.90"W	BOBO-DIOULASSO IAF
GARAN	13°47'02"N 008°27'09"W	G851 T/R Limite TMA BAMAKO
GARBI	03°52'34.40"N 011°41'20.40"E	YAOUNDE Ns. IAF
GARID	13°02'00"N 008°34'12"E	R986 Limite FIR NIAMEY / FIR KANO
GARIN	22°00'00"N 017°06'36"E	UP126 - UM214 - G655/UG655
GARLA	03°00'00"S 006°35'00"E	UQ559
GARNU	12°09'59"N 001°28'22.30"W	OUAGADOUGOU IAF
GAROS	03°53'13.20"N 009°57'15.30"E	DOUALA IAWP
GARPO	16°16'30"N 034°10'00.12"W	Dakar and SAL Oceanic boundary point
GASIM	17°07'00.22"N 008°09'26.94"E	IAF AGADEZ RNP RWY 25R
GASON	16°15'00"N 003°09'05"E	UG855
GASOT	18°03'25.88"N 015°48'54.77"W	IAF NOUAKCHOTT OUMTOUNSY
GASPI	11°29'03.88"N 017°30'06.98"E	UQ589
GASPU	18°09'32.93"N 014°49'08.98"E	UA403 - UQ592
GATAG	09°11'00"N 012°45'36"E	UQ589 - UA861
GATAM	12°25'37.30"N 008°06'53.10"W	BAMAKO IAF
GATAM	00°48'57"S 007°33'32"E	UQ360 - UA400
GATAP	16°15'32.37"N 000°12'12"E	IAF GAO
GATAX	12°04'00"N 009°50'00"W	UY509 Boundary point Roberts and Dakar FIR
GATKA	06°03'18"N 001°47'00"E	LOME STAR RNAV04 WPT
GATLA	16°37'25"S 048°49'03"E	UL441
GATRO	14°22'32.82"N 017°09'21.17"W	BLAISE DIAGNE DIASS-THIES IAF
GATRO	00°18'53.60"N 009°25'51.10"E	LIBREVILLE ARR
GAVBO	07°04'05.80"N 007°29'55.40"W	MAN IAF

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
GAVKI	05°39'19.95"N 006°23'51.19"W	B600/UB600 Abidjan UTA. Dakar FIR
GEBLU	11°46'15"N 002°53'01"W	UM104 - UA614 - UG854
GEBRO	03°02'41.21"N 008°16'10.31"E	UQ584 - B737 T/R limite TMA DOUALA
GENAM	12°38'26"N 037°07'17"W	Limite FIR DAKAR OCEANIQUE - FIR CAYENNE (Entrée/Sortie SOOOFRA)
GENEI	13°29'00"N 022°27'49"E	G660/UG660 T/R Limite FIR N'DJAMENA / FIR KHARTOUM
GERAG	21°30'56.90"S 052°55'12.90"E	UG653
GETIR	22°23'44.90"S 053°22'02.70"E	UA402
GEVER	17°17'52.98"S 049°44'04.85"E	IAF FMMS-IAC-RNP01
GITEP	18°56'27.97"N 007°08'21.57"E	UT258 - UA604
GODAL	00°32'55.71"N 014°33'18.02"E	UT143 - UG727
GODAT	19°59'49"S 052°00'00"E	A401
GOPUR	04°48'24"N 020°15'30"E	UT139
GOVEL	05°39'49.30"N 023°46'18.66"E	UT139 - UM215 - UT325 - UG655
GUGUS	04°07'18.72"S 015°24'16.92"E	IAF/IF BRAZZAVILLE
GULAV	11°10'00"N 014°54'00"W	B600/UB600
GULEN	13°08'11.60"N 004°07'21.10"E	G660/UG660 T/R Limite UIR KANO / UIR NIAMEY
GULEP	00°57'44"N 008°05'00"E	UQ583 - UR979
GULIM	13°36'09"N 001°02'20"W	G859 T/R Limite TMA OUAGADOUGOU
GUMAT	13°52'02.95"N 002°20'09.96"E	
GUNAK	06°22'02.79"N 001°17'30.75"E	LOME VOR RWY 22 IAF
GUNEB	09°29'35"N 019°00'00"E	UB736
GUNIV	02°00'13.41"S 010°32'54.38"E	UT419 - UR987 Brazzaville FIR - Gabon
GUNOS	04°44'18"N 008°55'50"E	UR854
GUNOT	16°00'00"N 013°19'49"W	A600
GUPAM	02°03'50"N 011°00'39"E	A604 T/R Limite TMA DOUALA / CIV BRAZZAVILLE
GUPEL	21°20'00"N 015°00'18"W	UB601
GUPOV	12°23'52"N 002°46'53"W	UM104 - UA614 - UG860
GUPUM	12°37'14"N 017°32'46"E	G660/UG660 Limite TMA NDJAMENA Tchad
GURAN	07°30'45.24"N 005°04'58.78"W	BOUAKE IAF
GUREL	10°04'55"N 006°27'06"W	G851/UG851 T/R Limite TMA BAMAKO/FIS ABIDJAN
GUROS	04°55'46.56"N 006°35'42.72"W	SAN PEDRO IAF
GUTAR	14°54'57.49"N 017°35'21.08"W	IAF DAKAR
IBMAT	28°19'06"S 057°00'00"E	UG652
IBOSO	05°04'46.84"N 021°22'05.22"E	UT139 - UM214
IDINI	17°38'35"N 015°15'57"W	UA600 - UR975
IDORO	08°01'57.65"N 002°59'33.15"W	UQ592 - UP685 - UG859
IKREL	15°07'33.21"N 017°18'13.65"W	
IKREV	11°50'23.66"N 017°58'33.89"E	UT142 - UQ589
IKREX	03°22'12.11"N 011°19'10.79"E	
IKRIS	14°58'02.46"N 005°25'37.54"E	IAF/IF TAHOUA
IKRIT	13°22'36.85"N 000°47'28.02"E	UA600 - UM629
IKROP	05°46'44"N 008°52'27.50"E	UJ333 - L433/UL433 T/R Limite FIR KANO/FIR BRAZZAVILLE



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3	INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
IKRUT	00°14'18.50"N 009°03'30.30"E		IPISU	07°11'40.40"N 021°44'12.74"E	UQ200 - UT325 - UA410 FIR BRAZZAVILLE - CENTRAFRIQUE
IKSUB	02°00'18"N 019°12'00"E	J200/UJ200 - UL434	IPOBA	22°28'36"N 001°02'54"W	UM104 - UQ596 - UA614
IKTAV	22°38'00"N 010°30'00"E	B730/UB730 T/R Limite FIR ALGER/FIR NIAMEY	IPONA	20°00'00"N 008°29'53"W	UM122 - UR977
IKTOS	05°25'26.40"N 004°18'38.20"W		IPONO	15°06'21"N 022°24'36"E	UQ589 - UG622 - UM863
IKTUL	02°43'36"S 012°13'42"W		IPOPO	16°53'02.68"N 007°49'55.82"E	IAF AGADEZ RNP RWY 07R
IKTUS	02°05'23"S 013°13'50"E	R988 T/R Limite TMA FRANCEVILLE	IPORI	09°30'20"N 000°17'52"E	UL683
ILBAS	04°52'12"N 008°37'12"E	UQ300 - UR854 Boundary point between KANO and BRAZZAVILLE FIR	IPORO	08°56'08.71"N 013°12'57.24"E	
ILBIB	12°32'42"N 022°27'00"E	UW605	IPOTA	01°12'27"N 007°24'34"E	UR979
ILBIP	15°03'50.15"N 008°12'21.33"E	UQ592 - UA604 UTA NIAMEY - FIR NIAMEY - NIGER	IPOVO	02°39'43.65"N 008°37'34.31"E	UB737
ILDAD	17°12'52"N 000°12'57"E	G859 T/R Limite TMA GAO	IPUGA	13°26'52"N 012°14'33"W	UA601 Limite UTA Dakar et UTA Bamako
ILDAN	00°35'30.47"S 007°52'36.39"E	UQ360	IPUTA	13°32'59"N 003°26'49"E	UM114 - UG854
ILDES	16°05'25"N 009°26'30"W	UY509 - UG615 - UG851 Mauritania UTA, Dakar FIR	IRADI	13°46'35.82"N 002°28'26.83"E	
ILDOR	20°09'37.12"N 018°01'19.07"E	UM214 - UQ592 - UQ594 - UG655 - UR778	IRAGA	09°32'37.34"N 022°20'18.83"E	UM215 - UG655 - UB736
ILGAS	18°40'00"N 020°00'00"W		IRAKU	06°51'36"N 027°37'18"W	UL435 - UB623 UIR DAKAR OCEANIQUE - SENEGAL
ILKAD	14°58'58"N 020°44'13"E	UM215 - UG622 UIR NDJAMENA TCHAD	IRALO	12°41'00"N 013°39'06"W	UB728
INALO	04°47'05.84"S 014°25'24.78"E	UB535	IRELA	14°00'00"N 037°26'00"W	UL435
INAMA	19°08'00"N 004°10'00"E	UG855	IRPEG	06°38'39.16"N 004°33'25.92"W	UQ592 - UG851 Abidjan UTA, Dakar FIR
INEBA	03°03'37"S 015°42'48"E	A410 Limite TMA POOL BRAZZAVILLE	IRTOG	12°12'00"N 001°48'58"E	B726 Limite TMA Niamey - Niger
INEBI	15°17'52"N 000°23'27"W	G859 Limite TMA GAO MALI	ISDET	10°01'49.34"N 015°14'25.42"E	UA403 - UQ589 - UW605
INEDI	18°33'47.80"N 016°07'29.90"W	IAF NOUAKCHOTT OUMTOUNSY	IVBAT	14°52'33"N 005°13'22"W	UG615 - UB727 Dakar FIR
INEGO	12°02'00.30"N 001°14'17.10"W		IVMED	01°42'34.46"S 011°07'46.51"E	UT419 - UG861 Dakar FIR (SENEGAL)
INEKU	07°36'46.39"N 017°05'23.17"E	UQ584 - UA607	IXAGU	19°54'41"S 045°08'46"E	UB536
INEPA	16°15'00"N 002°02'19"E	UM608	IXAMO	16°50'47"S 052°20'57"E	UR348 - UG661
INESA	13°29'44.77"N 002°24'40.44"E	NIAMEY IAF	IXARI	18°22'46"S 048°41'49"E	UR348
INEVA	06°09'01.24"N 013°43'29.12"E	UQ584 - UG727	IXAVA	17°52'58"S 049°57'50"E	UR348
INIGO	08°00'00"N 012°17'10"E	UG857	IXEBU	12°07'16"S 051°24'36"E	UN304 - UL441
ININA	07°13'31"N 013°33'49"E	UQ200 - UG727	IXENI	19°17'13"S 050°06'30"E	UA400
INISA	17°26'38"N 011°30'00"E	UT237 - UM998	IXESA	14°52'03"S 045°42'07"E	A401 T/R Limite TMA MAHAJANGA
INONU	02°17'13"N 014°17'54"E	UQ582 - UG625 - UG727 FIR BRAZZAVILLE - CAMEROUN	KABRI	06°30'00"N 011°20'59"E	G857 T/R Limite TMA DOUALA
INOSA	01°43'06"N 006°00'18"E		KAFIA	08°44'00"N 023°31'00"E	UA410
INPOS	10°22'41"N 005°31'50"W	UP685	KARTA	12°00'22.60"S 043°10'14.20"E	MORONI IAF
INUDO	13°19'55"N 018°25'40"W	UA302 - UA602 UTA DAKAR - FIR DAKAR - SENEGAL	KEDOM	26°03'43.92"S 043°30'00"E	UA402 FIR ANTANANARIVO - MADAGASCAR
IPALA	11°19'34.10"N 003°55'43.40"W		KEKAS	17°53'21"N 016°00'27.50"W	
IPAMU	02°41'55"S 013°20'15"E	G856 T/R Limite TMA POOL	KEKAV	09°47'42"N 022°14'41"E	UM215 - UQ584 - UG655
IPANI	06°33'08"N 021°00'00"E	UM214 - UA410 - UQ583	KEKOL	06°02'03"N 020°24'29"E	UA410 Limite TMA BANGUI - CENTRAFRIQUE
IPANO	16°41'04"N 011°30'00"E	UQ592 Limite FIR NIAMEY et FIR NDJAMENA - NIGER	KEKOP	02°07'59.31"N 009°49'39.60"E	
IPEKA	00°40'42"N 007°20'00"W		KELAK	12°05'18"N 014°37'58"E	G660/UG660 Limite FIR KANO et NDJAMENA
IPEXA	03°17'10.68"N 013°33'21.41"E	UL434 - UQ583 UIR BRAZZAVILLE CONGO	KELEX	07°51'47.45"N 002°21'25.67"E	UM566 - UA608 - UM629 - R984-1/UR984
IPIGU	02°36'00"S 010°10'44"E	B732 FIR BRAZZAVILLE - GABON	KELOV	03°32'49.20"N 011°30'43.10"E	YAOUNDE Ns. IAF
IPIRO	07°17'11"N 022°44'52"E		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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
KENIX	00°30'33"N 011°33'20.86"E	UT143 - UQ582 Brazzaville FIR (Gabon)
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
KEPAS	14°48'22"N 028°28'40"W	UN741 SAL and Dakar Oceanic FIR Boundary point
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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
LIKEM	11°58'15.30"N 001°20'23.60"W	
LIKIT	12°29'06"N 005°22'31"W	G860 Dakar FIR (Mali)
LIKUL	02°03'29.24"N 009°58'35.44"E	
LILAM	13°29'33.72"N 002°24'41.12"E	NIAMEY IAF
LILAT	00°40'55.80"N 009°23'48"E	
LILEB	06°19'42.76"N 001°23'02.25"E	LOME ILSY or LOC Y - RWY 22 IAF
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	
LINAR	18°09'29.70"N 016°09'38.70"W	MAHWP NOUAKCHOTT OUMTOUNSY
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 DILOULASSO 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	
LIRID	03°44'12.30"N 008°31'21.60"E	MALABO IAF
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	
LITIL	15°18'40"N 006°41'53"W	UM108 - UG615 - UB735
LITOB	10°44'55.80"N 004°19'15.90"W	
LOLOS	21°51'30"N 016°40'14"W	A600 T/R Limite TMA NOUADHIBOU
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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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	
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°40'48"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	
MELEL	03°37'28"S 012°28'45"E	R988 Limite TMA POINTE-NOIRE CONGO
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	
MEPON	04°23'36"N 001°58'24"E	
MERAR	18°22'44.90"N 015°44'07.50"W	IAF NOUAKCHOTT OUMTOUNSY
MEREK	13°33'53.82"N 006°55'14.90"E	IAF MARADI
MERIG	00°45'48.20"N 009°07'38.30"E	
MERIP	12°41'41"N 006°34'31"W	A600 Limite TMA BAMAKO partie 1 MALI
MERON	04°55'00"N 024°02'42"E	UM215 - UT419 - UQ580 - UG655
MERUD	10°46'36"N 030°45'18"W	UN741 - Point in Dakar Oceanic FIR
MESER	14°44'55"N 011°56'19"W	UM974 Limite UTA BAMAKO MALI
MESIN	03°39'08.71"S 011°36'06.84"E	UY339 - UQ580 - UG861
MESUL	14°48'49"N 011°49'45"W	A600
METEVE	09°21'57.94"N 012°55'27.46"E	
METOX	06°28'26.05"N 002°32'22.71"E	IAF COTONOU(DBBB)ILSY RWY24
MIDRI	13°26'02"S 052°00'00"E	UN304
MIGED	00°24'12"S 017°30'42"W	
MIGNI	17°49'22"N 005°41'26"E	UY212 - UY333
MIKMA	00°09'32"S 014°39'34"E	UG727

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
MILDA	09°21'06.40"N 007°40'12.19"W	ODIENNE IAF
MILRA	11°59'39.81"N 014°53'16.74"E	N'DJAMENA IAF/IF
MIMBA	13°04'59.60"N 008°23'33"E	A604/UA604 Limite FIR NIAMEY / FIR KANO
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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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	
NATAS	16°00'24"N 033°00'00"W	Point on Sal Oceanic FIR / Dakar Oceanic FIR - entry / exit points
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



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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 BAFUSSAM (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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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 LIMITE 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
ONOBI	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)

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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	
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	JA601 - 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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
POKNO	06°45'05"N 005°30'05.43"W	YAMOOUSSOUKRO 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
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 Njamena 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



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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	
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
ROMAS	10°47'44"N 036°19'16"W	Limite FIR DAKAR OCEANIQUE - FIR CAYENNE (Entrée/Sortie SOOOFRA)

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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)
SEXOR	01°36'40.55"N 017°28'41.75"E	UA410 - UT419
SIBAX	00°43'36"N 016°17'24"W	
SIBED	08°00'24.87"N 013°29'50.44"E	IAF GAROUA
SIBEX	02°57'33.08"S 010°59'21.62"E	UQ581 - UR987
SIBIG	14°32'31.24"N 017°27'08.24"W	IAF/IF DAKAR
SIGAL	12°18'00"N 014°28'48"E	G854/UG854 T/R Limite FIR KANO/N'DJAMENA/BRAZAVILLE
SIRPA	01°36'30"N 006°18'29"E	UQ584 - UR979
SIRTO	11°00'00"N 002°37'23.88"E	R981/UR981 T/R Limite TMA NIAMEY/ TMA COTONOU
SISNU	14°02'36.61"N 014°49'10.38"W	UA601 - UR620 - UR865 Dakar FIR (SENEGAL)
SISTA	01°20'29"S 007°55'49"E	UA400 - UQ559
SITBI	01°42'34.11"N 009°42'35.40"E	
SITMI	18°05'53.20"N 016°20'30.90"W	MAHWP NOUAKCHOTT OUMTOUNSY
SOAVI	13°35'36"S 046°12'43"E	UR775 - UB790
SOBNO	16°38'36"N 014°24'24"W	UQ596 Limite UTA Dakar/UTA Nouakchott-FIR DAKAR
SOGRO	03°51'42.27"N 008°54'57.61"E	MALABO IAF
SOKMA	17°48'51.16"N 014°01'35.73"E	UQ592 - UG862 Niamey FIR (NIGER)
SOLAL	11°53'06"S 041°49'36"E	UN305
SOLMA	19°23'03"N 004°48'50"W	UM108 - UT365 - UB735 - UR866
SOLVI	05°09'59.92"N 018°10'35.05"E	UQ583 - UA607
SOMSI	03°02'00"N 018°35'00"E	BANGUI vers MBANDAKA
SONKO	15°05'12"N 002°46'06"W	UA612 - UR866
SOPOG	06°01'15.29"N 025°15'53.52"E	UT139 - UG862
SOPVI	19°15'01"S 046°34'25"E	UB536
SORKA	13°07'52.35"N 001°56'12.42"E	
SUNIR	24°18'06"S 040°00'00"E	UT122 - UG653
TABNO	10°23'42"S 043°38'12"E	UG661
TAKUM	06°54'00"N 010°19'48"E	UR986
TAMIL	10°35'00"N 000°01'00"E	UA603 - UG855 - R984-1/UR984
TAMOL	07°33'08.23"N 004°58'40.58"W	BOUAKE IAF
TAMUL	19°59'00"N 011°10'16"W	UM372 - UR722 - UM725 - G851/UG851
TANAD	14°20'52.33"N 013°52'05.04"E	UT237 - UG622
TANAS	03°31'08.42"N 008°29'50.95"E	MALABO IAF
TANAX	16°39'50.24"N 003°10'39.65"W	IAF/IF TOMBOUCTOU
TANEB	18°28'57.50"N 016°04'31.70"W	IAF NOUAKCHOTT OUMTOUNSY
TANIS	04°22'55.50"S 015°05'41.30"E	IF BRAZAVILLE
TANIS	04°22'55.50"S 015°05'41.32"E	BRAZAVILLE IAF/IF
TANON	09°15'56.52"N 013°35'07.57"E	GAROUA IAF
TAPAK	13°58'56"N 010°40'08"E	UG622 - UR778

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
TAPEK	02°36'09.76"N 011°57'04.69"E	UQ583 - UR986
TAPIL	01°47'57"S 010°27'09"E	R987/UR987 T/R Limite TMA LIBREVILLE
TAPIX	09°13'51.17"N 005°22'32.02"W	KORHOGO IAF
TAPOS	03°31'33.50"N 011°31'08.10"E	YAOUNDE IAWP
TAPUS	19°27'39.44"N 008°27'19.63"W	UM122 - UY509 - UQ596 - UR977
TAPUT	09°14'18.71"N 018°32'46.74"E	SARH IAF
TAREN	13°18'47"N 000°00'38"W	UA600 - UA603
TARIM	15°10'23.88"N 029°32'30.12"W	SAL and Dakar Oceanic boundary point
TARIX	03°34'50.22"N 011°40'09.72"E	YAOUNDE IAF
TAROV	02°01'34.30"N 009°57'58.80"E	BATA IAF
TASIL	04°00'18"N 029°59'24"W	UN873
TASIN	03°37'13"S 011°18'28"E	R987 T/R Limite TMA POINTE NOIRE
TASOK	00°04'42.40"N 009°35'13.20"E	
TASOM	05°34'48"N 015°39'30"E	UA403 - UT475
TASUB	09°31'47.92"N 001°04'52.66"E	IAF NIAMTOUGOU
TASUT	14°55'36.54"N 017°30'13.85"W	IAF DAKAR
TATAB	12°30'34.60"N 001°25'34.60"W	OUAGADOUGOU IAF
TATAT	11°00'00"N 002°16'24"E	UA608
TATOR	04°34'01.21"N 006°43'29.06"W	SAN PEDRO IAF/IF
TAVAL	05°19'58.90"N 003°31'06.20"W	
TAVIL	18°08'44"N 001°25'44"W	UB727 - UR981
TAVOT	13°04'59"N 002°40'09"W	UM104 - UA600 - UA614
TEBKA	06°09'43.50"N 002°17'32.03"E	IAF COTONOU(DBBB) RNP RWY06
TEKSO	09°54'30"N 025°12'30"W	UN857 - Point in Dakar Oceanic FIR
TEKTI	04°00'00"N 018°44'12"E	UA607
TEMKI	00°08'26"S 009°03'58"E	G857 T/C Limite TMA LIBREVILLE / TMA PORT GENTIL
TEMLA	00°37'16.98"S 009°51'10.50"E	UR526 - UQ582 UTA LIBREVILLE - FIR BRAZAVILLE - GABON
TENKI	00°44'08.12"S 009°57'43.95"E	R987 Brazzaville FIR (Gabon)
TENPO	14°42'35"N 009°34'39"W	UY509 - UM974
TENTA	01°30'00"S 006°35'00"E	UQ360
TENTU	09°04'00.12"N 002°55'59.88"E	R981/UR981 T/R Limite TMA COTONOU / FIR ACCRA
TERAS	20°44'25"N 001°47'40"E	UM608 - UB727
TERBI	05°46'09.88"N 010°19'25.90"E	IAF BAFOUSSAM (KKU) RNAV RWY 15
TERTA	03°27'41"N 001°11'30"E	
TESKI	02°23'01.30"N 004°52'52.90"W	
TESTI	20°15'25.30"N 000°59'17.40"E	UB727 - G859/UG859
TETRO	25°29'12"S 040°00'00"E	UG654
TEXAT	16°54'58.37"S 049°41'24.73"E	IAF FMMS-IAC-RNP19
TIDAL	18°08'13"S 044°58'58"E	UA400
TIDOB	15°57'42"S 054°31'28"E	UR348 - UA665
TIGOK	15°00'00"S 053°52'17"E	UA665 FIR ANTANANARIVO - MADAGASCAR
TIGUR	19°28'21"S 050°03'49"E	A401/UA401 T/R Limite TMA ANTANANARIVO
TIGUS	17°27'03"S 050°58'10"E	UR348 - UB790



INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
TIKAN	14°39'30"S 046°16'41"E	UR775
TIKAP	16°01'16"S 049°10'13"E	UL441 - UB790
TIKEL	13°37'35"S 050°33'10"E	UL433 - UL441
TIKEM	15°30'43.20"S 046°10'25.70"E	MAHAJANGA IAF
TILUX	23°36'04.72"S 043°44'40.28"E	IAF 09AD2-FMST-IAC-RNP04
TIMAK	05°20'00"S 010°00'00"E	UQ560 - UQ580
TIMOX	17°51'54"N 013°47'37"W	UR620 - UM725
TINET	04°02'00"N 011°31'23.30"E	IAF YAOUNDE
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)

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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	
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	
UGOBO	08°50'34"N 035°29'27"W	Limite FIR DAKAR OCEANIQUE - FIR CAYENNE (Entrée/Sortie S00OFRA)
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	

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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 DIVOIRE
USLOK	04°37'12"N 017°04'24"E	UL433 - UQ583 - UM731 Brazzaville FIR
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	YAMOUSOUKRO IAF
VOMLA	04°14'05.50"S 009°58'33.27"E	UA400 - UQ581 FIR BRAZZAVILLE

INDICATIF CODÉ 1	COORDONNÉES 2	ROUTE ATS ou AUTRE ROUTE 3
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
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
XUVIT	15°27'24.12"N 030°41'35.88"W	SAL and Dakar Oceanic FIR boundary point
ZANOOU	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
DOUALA VOR-DME 1°W (2020)	DLA	112.9 MHz Ch 76X	H24	03°59'38.10"N 009°44'36.50"E	11M (36FT)	P.VOR : 50 W P.DME : 1 KW HGT : 8 M
EDEA NDB 1°W (2020)	DE	362 kHz	H24	03°47'26.76"N 010°08'17"E	77M (253FT)	P : 100 W Utilisable pour la navigation HGT : 15 M
GAROUA VOR-DME 1°E (2020)	TJR	112.3 MHz Ch 70X	H24	09°20'03.70"N 013°20'40.40"E	211.84M (695FT)	P.VOR : 100 W P.DME : 1 KW HGT : 8 M
MAMFE VOR 1°W (2020)	MF	115.1 MHz	H24	05°42'20.50"N 009°18'14.20"E	127M (417FT)	P.VOR : 50 W 538 M seuil 08 QDR 059° HGT : 7 M
MAROUA-SALAK NDB 1°E (2020)	TJL	364 kHz	H24	10°27'44.10"N 014°14'38.60"E	439M (1440FT)	P : 50 W HGT : 18 M
←						
YAOUNDE / NSIMALEN DVOR-DME 0°W (2020)	NLY	115.7 MHz Ch 104X	H24	03°43'32.90"N 011°33'23.30"E	707M (2320FT)	P.VOR : 100 W P.DME : 1 KW HGT : 6.5 M

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ENR 5 AVERTISSEMENTS À LA NAVIGATION
NAVIGATION WARNINGS

ENR 5.1 ZONES INTERDITES, RÉGLEMENTÉES OU DANGEREUSES
PROHIBITED, RESTRICTED AND DANGER AREAS

IDENTIFICATION, NOM ET LIMITES LATÉRALES <i>Identification, Name and Lateral Limits</i>	LIMITES SUPÉRIEURES	OBSERVATIONS / Remarks (Heures d'activité, Genre de limitation, Nature des dangers, Risque d'interception) <i>(Time of activity, Type of restriction, Nature of hazard, Risk of interception)</i>
	LIMITES INFÉRIEURES <i>Upper / Lower Limits</i>	
1	2	3
ZONES INTERDITES / PROHIBITED AREAS		
DFP3 - OUAGADOUGOU 12°18'04.13"N - 001°29'14.07"W , 12°16'18.93"N - 001°29'17.68"W , 12°16'19.21"N - 001°30'50.67"W , 12°18'03.04"N - 001°30'51.88"W , 12°18'04.13"N - 001°29'14.07"W	FL 050 ----- SOL	Vol interdit à l'intérieur de la zone DFP3. Après décollage RWY 22R, maintenir dans l'axe jusqu'à 5 NM avant de tourner à gauche.
DFP4 - OUAGADOUGOU Cercle de 3 NM de rayon centré sur 12°03'34.37"N - 001°34'58.98"W	FL 250 ----- SOL	Activités militaires permanentes Vol interdit à tout aéronef à l'intérieur de la zone DFP4 H24 Tous les jours Permanent military activities Flight prohibited for any aircraft within the DFP4 zone H24 Every day
ZONES RÉGLEMENTÉES / RESTRICTED AREAS		
DFR1 - OUAGADOUGOU 12°44'00"N - 001°48'00"W , 13°31'00"N - 001°31'00"W , 13°33'00"N - 002°25'00"W , 12°48'00"N - 002°49'00"W , 12°44'00"N - 001°48'00"W	FL 240 ----- SOL	Activités Militaires Activité annoncée par NOTAM ou par la TWR
DFR2 - BOBO-DIOULASSO 11°45'00"N - 004°17'00"W , 12°44'00"N - 004°10'00"W , 12°08'00"N - 003°09'00"W , 11°40'00"N - 004°00'00"W , 11°45'00"N - 004°17'00"W	FL 240 ----- SOL	Activités Militaires Activité annoncée par NOTAM ou par la TWR
AUTRES / OTHERS		
NORD OUAGADOUGOU 13°00'52.89"N - 002°12'45.62"W , 12°27'52.79"N - 001°31'45.28"W , 12°20'07.17"N - 001°38'14.62"W , 12°53'07.33"N - 002°19'13.70"W , 13°00'52.89"N - 002°12'45.62"W	FL 120 ----- SOL	Entraînement de vol Axe de la zone : Route Nationale OUAGADOUGOU-YAKO



IDENTIFICATION, NOM ET LIMITES LATÉRALES <i>Identification, Name and Lateral Limits</i>	LIMITES SUPÉRIEURES	OBSERVATIONS / <i>Remarks</i> (Heures d'activité, Genre de limitation, Nature des dangers, Risque d'interception) (<i>Time of activity, Type of restriction, Nature of hazard, Risk of interception</i>)
	LIMITES INFÉRIEURES <i>Upper / Lower Limits</i>	
1	2	3
SUD OUAGADOUGOU 12°17'40.67"N - 001°23'11.84"W , 11°27'40.52"N - 001°05'11.99"W , 11°24'19.41"N - 001°14'47.95"W , 12°14'19.57"N - 001°32'47.57"W , 12°17'40.67"N - 001°23'11.84"W	FL 120 ----- SOL	Entraînement de vol Axe de la zone : Route Nationale OUAGADOUGOU-PO



AD 1.5 ETAT DE CERTIFICATION DES AÉRODROMES
STATUS OF CERTIFICATION OF AERODROMES

Nom de l'aérodrome / Indicateur d'emplacement / Aerodrome name - Location Indicator	Date de certification / Date of certification	Validité de la certification / Validity of certification	Remarque / Remark
1	2	3	4
Aéroport International Maya-Maya de Brazzaville / <i>Maya-Maya International Airport of Brazzaville</i> FCBB	20 Juillet 2023 / <i>July 20, 2023</i>	19 Juillet 2026 / <i>July 19, 2026</i>	Les exemptions et dérogations associées au certificat sont publiées par AIC <i>The exemptions and derogations associated with the aerodrome certificate are published by AIC</i>



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AD 1.3 RÉPERTOIRE DES AÉRODROMES ET PISTES
LIST OF AERODROMES AND RWY

COORDONNEES COORDINATES SITUATION LOCATION	ALT	AIRES D'ATTERRISSAGE / LANDING AREAS							BALISAGE 11-Appr 12-Seuil 13-Piste 14-Autre	SERVICE AU SOL FACILITIES	HEURES VACATIONS ATS OPS HOURS	INSTALLATION VHF et AIDES-RADIO	EXPLOITANT OPERATOR	
	M	DIMENSIONS (M)			PISTE / RWY									
	TEMP °C	QFU N° RWY	PISTE RWY	PA SWY	PD CWY	PENTE SLOPE	NATURE SURFACE	RESISTANCE STRENGTH						
2	3	4	5	6	7	8	9	10	11 à 14	15	16	17	18	
MONGOMO			(FGMM)			Ondulation du géoïde (GUND)					Déc.		1 ° W	(2020)
01°37'06"N 011°19'05"E (*)	610	11/29	850x30				BL	CS 12						.
OBSERVATIONS / REMARKS														
Inutilisable après pluie														
ANNOBON (SAN ANTONIO DE PALE)			(FGAN)			Ondulation du géoïde (GUND)					Déc.		3 ° W	(2020)
01°26'00"S 005°38'00"E (*)	24.6	05/23	1800x30	50x30 ---- 50x30			Béton	C 130	NIL	SLI : 2 VIGP 11225/B 10000L eau 1200L émulseur 250KG poudre, chacun	0700-1500	VOR/DME "ANN" 114,1 MHZ/CH88X		
OBSERVATIONS / REMARKS														
JET A1 - Survol de PALEA interdite - Aéroport interdit aux aéronefs non munis de Radio communication bilatérales. - Virage à gauche obligatoire au décollage QFU 05 - Virage à droite obligatoire au décollage QFU 23 - Demi-tour complet interdit sur la piste														
(*) Coordonnées non exprimées selon le système géodésique WGS-84 (**) Changement des marques d'identification de piste (x) En saison des pluies, se renseigner auprès des organismes responsables sur la résistance de la piste														

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AD 1.3 RÉPERTOIRE DES AÉRODROMES
INDEX TO AERODROMES

Nom de l'aérodrome Indicateur d'emplacement <i>Aerodrome name location Indicator</i>	Type de trafic autorisé à utiliser sur l'aérodrome <i>Type of traffic permitted to use the aerodrome</i>			Renvoi à la Section AD Observations <i>Reference to AD section Remarks</i>
	International National (INTL-NTL)	IFR - VFR	S = Régulier / <i>Scheduled</i> NS = Non Régulier <i>Non Scheduled</i> P = Privé / <i>Private</i>	
1	2	3	4	5
Aéroport International De Cap Skirring GOGS	INTL	IFR-VFR	S	13 AD-2.GOGS
Aéroport Intl Blaise Diagne - Dakar - Diass GOBD	INTL-NTL	IFR-VFR	S	13 AD-2.GOBD
Bakel GOTB	NTL	VFR	S	13 AD 1.3
Dakar / Leopold Sedar Senghor GOOY *	INTL-NTL	IFR-VFR	S	13 AD-2.GOOY
Djoudj				13 AD 1.3
Kaolack GOOK	NTL	VFR	S	13 AD 1.3
Kedougou GOTK	NTL	VFR	S	13 AD 1.3
Kolda / Sare Bidji GOGK	NTL	VFR	S	13 AD 1.3
Koudekourou				
Koudougou				
Linguere GOOG	NTL	VFR	P	13 AD 1.3
Matam / Ouro Sogui GOSM	NTL	VFR	S	13 AD 1.3
Podor GOSP	NTL	VFR	S	13 AD 1.3
Richard Toll GOSR	NTL	VFR	P	13 AD 1.3
Richard Toll (4 Vannes)				13 AD 1.3
Sabodala				13 AD 1.3
Saint Louis GOSS	INTL	IFR-VFR	S	13 AD-2.GOSS
Sedhiou GOGD *	NTL		NS	
Simenti GOTS	NTL	VFR	S	13 AD 1.3
Tambacounda GOTT	NTL	IFR-VFR	S	13 AD 1.3
Thies GOOT *				13AD1.3-31
Ziguinchor GÖGG	INTL	IFR-VFR	S	13 AD 1.3

Les indicateurs d'emplacement marqués d'un astérisque (*) ne doivent pas être employés dans la formule d'adresse des messages AFS
The location indicators marked with an asterisk () cannot be used in the address component of AFS messages*

PAGE LAISSÉE INTENTIONNELLEMENT VIDE

TAMBACOUNDA				(GOTT)		Ondulation du géoïde (GUND)			33 M		Déc.	6° W	(2020)
13°43'57.965"N 013°39'28.806"W	48.7 40.6	055° ---- 235°	2000x30 (1)	60x30 ---- 60x30	NIL ---- 90		PM	PCN 46/F/A/W/T	12 : X 13 : X 14 : X Fin RWY Préseuil TWY AST Feux flash LIL	SLI : 4	LUN au SAM : 0645-1900 DIM, JF et nuit : O/R PN 3HR au CDT par FAX/TEL	VOR "TD" 114,5 MHZ AFIS 118,7 MHZ VSAT 129,5 MHZ P : 5 W	AIBD.SA
OBSERVATIONS / REMARKS													
Balisage nuit piste : Electrique (1) + bandes latérales anti-souffle de 7,50 M PAPI 3° gauche 356M du THR 06 MEHT 18.87 M (62.34 FT)													
THIES				GOOT		Ondulation du géoïde (GUND)					Déc.		
14°48'42"N 016°56'59"W (*)	84	03 ---- 21	2000x30				Béton	C-130		SSIS	07H30-17H00 Vol de nuit sur demande	AFIS 119.1Mhz	ARMEE DE L'AIR
OBSERVATIONS / REMARKS													
aéroport militaire, utilisation soumise à une autorisation au péalable (*) Coordonnées géographique non exprimées selon le système géodésiques WGS-84													
ZIGUINCHOR				(GOGG)		Ondulation du géoïde (GUND)			29.5 M		Déc.	7 ° W	(2020)
12°33'21.344"N 016°16'36.732"W	23.95 37.5	095° ---- 275°	2000x30	60x30 ---- 60x30	200 ---- 200		Béton bitumeux	PCN 33/F/A/W/T	12 : X 13 : X 14 : X OBST WDI PAPI QFU 10 MEHT 15.75M (52.49FT) Angle 3° CAT. A TWY AST	Niveau assuré : 5	LUN-DIM 0700-1900 En dehors de ces heures O/R 12HR avant au CDT	VOR "ZG" 112,5 MHZ TWR 118,7 MHZ	AIBD.SA
THR10	19.04	12°33'19.1078"N 016°17'35.1837"W,											
THR28	23.95	12°33'21.6250"N 016°16'29.3071"W											
OBSERVATIONS / REMARKS													
Balisage électrique disponible Balisage nuit piste Présence d'un pylône à 822 M du THR 28 PSN : 12°33'29"N - 016°16'50"W Rayon : 3 M - Hauteur : 50 M Survole de la ville interdit au-dessous de 1000 FT QFE, les approches doivent être effectuées par le nord. Le contact radio avec la tour de Ziguinchor est obligatoire. Pour les vols aux instruments, les approches VOR RWY 10 et VOR RWY 28 sont disponibles.													
(*) Coordonnées non exprimées selon le système géodésique WGS-84 (**) Changement des marques d'identification de piste (x) En saison des pluies, se renseigner auprès des organismes responsables sur la résistance de la piste (a) Restriction d'utilisation possible en saison des pluies (b) Avant d'utiliser l'aérodrome, chaque exploitant ou pilote est tenu de s'assurer de la praticabilité de la piste auprès de la DNAC du Mali au moins 24 HR avant le vol projeté													

PAGE LAISSÉE INTENTIONNELLEMENT VIDE

DBBB — 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
06	053.10° VRAI 055° MAG	2400 x 45	75 / F / A / W / T Enrobé bitumineux / Bituminous concrete	06°21'02.40"N 002°22'32.72"E ----- GUND 23 M	THR : 4.67M / 15.3FT
24	233.10° VRAI 235° MAG	2400 x 45	75 / F / A / W / T Enrobé bitumineux / Bituminous concrete	06°21'49.38"N 002°23'35.16"E ----- GUND 23 M	THR : 4.43M / 14.5FT TDZ : 6M / 19.7FT
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
0.0 %	60 x 45	155 x 150	2640 x 280	Voir carte d'obstacles See obstacles chart	RESA 06 Dimensions:90M X 90M Type de surface: Terre vegetable Pente Longitudinale : 0.05% RESA 06 Dimensions:90M X 90M Surface type: Vegetable matter Longitudinal Slope : 0.05%
0.0 %	60 x 45	NIL	2640 x 280	Voir carte d'obstacles See obstacles chart	RESA 24 Dimensions:90M X 90M Type de surface: Terre vegetable Pente Longitudinale : 0.05% RESA 24 Dimensions:90M X 90M Surface type: Vegetable matter Longitudinal Slope : 0.05%

DBBB — 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
06	2400	2555	2460	2400	PD = 155 M CWY = 155 M PA = 60 M SWY = 60 M
24	2400	2400	2460	2400	PA = 60 M SWY = 60 M

DBBB — 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
06	NIL	Vert / Green - LIL	Gauche / Left 3° 79.67	Néant Balisage diurne
24	CAT II - 825 M - LIH directionnelle à barrettes avec balle traçante LIL omnidirectionnelle	Vert / Green - LIH	Gauche / Left 3° 80.53	Néant 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	2400 M - 60 M Blanc et jaune aux 600 derniers mètres	Rouge / Red	60 M - Rouge / Red	Feux blancs à éclat de seuil (RTILS) White flashing THR lights
NIL	2400 M - 60 M Blanc et jaune aux 600 derniers mètres	Rouge / Red	60 M - Rouge / Red	Feux blancs à éclat de seuil (RTILS) White flashing THR lights

DBBB — 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>	Anémomètres installés devant l'aire de stationnement et au parc MTO 1 manche à air lumineuse à côté de la bretelle A 1 manche à air lumineuse à 150 M du seuil 06 à gauche 1 manche à air lumineuse à 200 M du bord de piste 24 à gauche	Anemometers installed in front of the aircraft parking and in the MTO park. 1 lighted windsock close to TWY A 1 lighted windsock at 150 M left from THR 06 1 lighted windsock at 200 M left from the edge of the RWY 24
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 Feux axiaux de voies de circulation : NIL	TWY edge lights : Blue TWY Centre line lights : NIL
4	Alimentation électrique auxiliaire/ délai de commutation <i>Secondary power supply / switch-over time</i>	Alimentation secours par 2 groupes de 300 KVA et par des onduleurs. Temps de commutation : sans interruption en fonctionnement "secours inversé"	Stand-by power provided by 2 diesel power generators 300 KVA and UPS. Switch-over time : without interruption under operation "emergency inverse" in service
5	Observations / Remarks	Obstacles importants balisés de jour et de nuit Feux maritime F.é 5 sec. 1000 Candelas : Lat. 06°21'N - Long. 002°26'E	High obstacles with day marking and night obstruction light Maritime Beacon F.é 5 sec. 1000 Candelas : Lat. 06°21'N - Long. 002°26'E



FMMI — AD 2.5 SERVICES AUX PASSAGERS
PASSENGER FACILITIES

1	Hôtels / <i>Hotels</i>	270 hôtels près de l'aéroport et en ville	270 hotels near the AD and in the city
2	Restaurants / <i>Restaurants</i>	A l'aéroport et en ville	At the AD and in the city
3	Moyens de transport / <i>Transportation facilities</i>	Autocars aux heures de services réguliers - Taxis - Voitures de location reliant l'aéroport au centre-ville	Company buses during regular HS; Taxis, rental cars connecting the airport and the city
4	Services médicaux / <i>Medical facilities</i>	Médecins et infirmerie pour les vols internationaux Hôpitaux et cliniques proches de l'aéroport et en ville	Doctors and infirmary for international flights Hospitals and clinics in the vicinity of the airport and in the city
5	Services bancaires et postaux <i>Bank and Post Office</i>	A l'aéroport et en ville. Ouverture pendant les heures de service	At the AD and in the city. Open during the operational hours
6	Services d'information touristique <i>Tourist office</i>	Bureau à l'aéroport et en ville	Office in the airport and in the city
7	Observations / <i>Remarks</i>	NIL	NIL

FMMI — 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 H24	Ensured protection level: 8 H24
2	Equipement 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 : Tél: +261 34 49 334 35 E-mail : fmmi.info@ravinala-airports.aero	Each airline company has protocol of agreement with the lifting companies.
4	Observations / <i>Remarks</i>	Sauvetage en lac assuré par le Corps de Protection Civile (CPC) Rescue in the lake ensured by "Corps de Protection Civile" Tél : (+261) 34 05 481 10 Véhicules incendie / Fire Fighting Vehicles : 1 Véhicule de commandement SLI 4x4 pickup double cabine + 1 extincteur 5 kg CO2 1 VIPP 4425C 4000 L eau + 400 L émulseur + 250 Kg poudre 1 VIPP 4425S 4000 L eau + 400 L émulseur + 250 Kg poudre 4 VIMP 91125S 9000 L eau + 1100 L émulseur + 250 Kg poudre	

FMMI — 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

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

<p>1</p> <p>Surface de l'aire de trafic <i>Apron surface</i></p>	<p>AST 01 POSTE(S) 01A : Béton bitumineux / Asphaltic concrete AST 01 POSTE(S) 02 A 05 : Béton bitumineux / Asphaltic concrete AST 01 POSTE(S) 06 A 09 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 21 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 21F : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 21L : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 21R : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 22 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 22L : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 22R : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 23 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 23L : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 23R : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 24 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 25 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 26 : Béton bitumineux / Asphaltic concrete AST 02 POSTE(S) 27 : Béton bitumineux / Asphaltic concrete AST 03 POSTE(S) R01 A R02 : Béton bitumineux / Asphaltic concrete AST 03 POSTE(S) S01 A S06 : Béton bitumineux / Asphaltic concrete AST 03 POSTE(S) S08 : Béton bitumineux / Asphaltic concrete AST 03 POSTE(S) S10 : Béton bitumineux / Asphaltic concrete AST 03 POSTE(S) S12 : Béton bitumineux / Asphaltic concrete</p>
<p>Résistance de l'aire de trafic <i>Apron strength</i></p>	<p>AST 01 POSTE(S) 01A : PCN 80/F/B/X/T AST 01 POSTE(S) 02 A 05 : PCN 80/F/B/X/T AST 01 POSTE(S) 06 A 09 : PCN 43/F/C/X/T AST 02 POSTE(S) 21 : PCN 78/F/B/X/T AST 02 POSTE(S) 21F : PCN 78/F/B/X/T AST 02 POSTE(S) 21L : PCN 78/F/B/X/T AST 02 POSTE(S) 21R : PCN 78/F/B/X/T AST 02 POSTE(S) 22 : PCN 82/F/C/X/T AST 02 POSTE(S) 22L : PCN 82/F/C/X/T AST 02 POSTE(S) 22R : PCN 82/F/C/X/T AST 02 POSTE(S) 23 : PCN 82/F/C/X/T AST 02 POSTE(S) 23L : PCN 82/F/C/X/T AST 02 POSTE(S) 23R : PCN 82/F/C/X/T AST 02 POSTE(S) 24 : PCN 82/F/C/X/T AST 02 POSTE(S) 25 : PCN 82/F/C/X/T AST 02 POSTE(S) 26 : PCN 82/F/C/X/T AST 02 POSTE(S) 27 : PCN 82/F/C/X/T AST 03 POSTE(S) R01 A R02 : PCN 29/F/B/W/T AST 03 POSTE(S) S01 A S06 : PCN 29/F/B/W/T AST 03 POSTE(S) S08 : PCN 29/F/B/W/T AST 03 POSTE(S) S10 : PCN 29/F/B/W/T AST 03 POSTE(S) S12 : PCN 29/F/B/W/T</p>
<p>2</p> <p>Largeur des voies de circulation <i>TWY width</i></p>	<p>TWY C : 23.5 M TWY E : 25 M TWY N : 14.6 M TWY W : 18 M TWY Z : 10 M TXL B2 :</p>
<p>Surface des voies de circulation <i>TWY surface</i></p>	<p>TWY C : Béton bitumineux / Asphaltic concrete TWY E : Béton bitumineux / Asphaltic concrete TWY N : Asphalte / Asphalt TWY W : Béton bitumineux / Asphaltic concrete TWY Z : Béton bitumineux / Asphaltic concrete TXL B2 :</p>
<p>Résistance des voies de circulation <i>TWY strength</i></p>	<p>TWY C : PCN 77/F/B/X/T TWY E : PCN 82/F/C/X/T TWY N : 5700 KG (Situé en face du TWY C au Nord de la piste 11/29) TWY W : PCN 30/F/B/X/T TWY Z : 5700 Kg (2500 M2) TXL B2 : PCN 105/F/C/X/T (Entre APN 1 et TWY E)</p>
<p>3</p> <p>Position et altitude des emplacements de vérification des altimètres <i>Altimeter check location (ACL) and elevation</i></p>	<p>Point d'attente QFU 114 : 1279 M (4196,14 FT) Holding point QFU 114 : 1279 M (4196,14 FT)</p>



DRRM — AD 2.10 OBSTACLES D'AÉRODROME
AERODROME OBSTACLES

ZONE Area	IDENTIFICATION OU DESIGNATION <i>obstacle identification or designation</i>	TYPE D'OBSTACLE <i>Type of Obstacle</i>	COORDONNÉES <i>Coordinates</i>	ALTITUDE / HAUTEUR SOL (mètres) <i>elevation/height (in Meters)</i>	MARQUAGES, TYPE ET COULEUR DU BALISAGE LUMINEUX <i>obstacle marking, type and color of obstacle lighting</i>	DISPONIBILITÉ ÉLECTRONIQUE <i>electronic availability</i>
0	1	2	3	4	5	6
Zone 2b	ORANGE Hôpital MAKKA	Pylône	13°29'51.3"N 007°06'29.1"E	419 M 41 M	Marqué Non balisé par feu	NIL
	MOOV Cinéma DANKASAWA	Pylône	13°29'55.8"N 007°06'17.5"E	413 M 39 M	Marqué Non balisé	NIL
	EATON MOKOYO	Pylône	13°29'51.5"N 007°06'01.6"E	413 M 50 M	Marqué - Non balisé par feu	NIL
	AIRTEL YANDAKA 1	Pylône	13°29'36.7995"N 007°05'26.4762"E	402 M 43 M	Marqué Non balisé par feu	NIL
	Radio BONFEREYE	Antenne	13°30'09.2075"N 007°06'23.4387"E	419 M 42 M	Marqué Non Balisé	NIL
	Orange Stade	Pylône	13°30'14.8059"N 007°05'58.9765"E	416 M 43 M	Marqué Non Balisé	NIL
	AIRTEL CEG3	Pylône	13°30'12.6424"N 007°06'36.5625"E	420 M 39 M	Marqué Non balisé par feu	NIL
	Orange MOKOYO	Pylône	13°29'43.5886"N 007°05'56.0481"E	436 M 65 M	Marqué Non balisé par feu	NIL
Zone 2C	Radio GARKUWA	Antenne	13°30'22.7929"N 007°06'25.1986"E	420 M 41 M	Marqué Balisé feu rouge	NIL
	MOOV cabinet AGAJI	Pylône	13°30'42.0542"N 007°07'04.1982"E	434 M 49 M	Marqué Non Balisé	NIL
	RTV NIGER 24 EL KASUWA SOHUWA	Antenne	13°30'10.5337"N 007°06'07.0377"E	398 M 24 M	Marqué Non Balisé	NIL
	FAISCEAU ORTN TIBIRI	Pylône	13°33'41.3397"N 007°04'44.0510"E	593 M 203 M	Marqué Non Balisé	NIL
	Radio AMA	Antenne	13°30'27.2040"N 007°06'51.3638"E	426 M 42 M	Marqué Non Balisé	NIL
	AIRTEL CSP SAHEL	Pylône	13°30'37.2488"N 007°06'46.2740"E	416 M 33 M	Marqué Non Balisé	NIL
	ORANGE MOSQUEE TCHIANA	Pylône	13°30'55.2681"N 007°06'34.1754"E	415 M 40 M	Marqué Non balisé par feu	NIL

ZONE Area	IDENTIFICATION OU DESIGNATION obstacle/identification or designation	TYPE D'OBSTACLE Type of Obstacle	COORDONNÉES Coordinates	ALTITUDE / HAUTEUR SOL (mètres) elevation/height (in Meters)	MARQUAGES, TYPE ET COULEUR DU BALISAGE LUMINEUX obstacle marking, type and color of obstacle lighting	DISPONIBILITÉ ÉLECTRONIQUE electronic availability
0	1	2	3	4	5	6
	MOOV Eglise MAI RUBUTU	Pylône	13°31'01.9281"N 007°07'26.7418"E	430 M 48 M	Marqué Non Balisé	NIL
	AIRTEL SOURA ROUTE TIBIRI	Pylône	13°32'01.4002"N 007°05'42.7243"E	418 M 41 M	Marqué Non Balisé	NIL
	ORANGE UNIVERSITE	Pylône	13°29'30.9941"N 007°07'40.0484"E	431 M 39 M	Marqué Non Balisé	NIL
	AIRTEL ZARIA	Pylône	13°31'13.5628"N 007°07'13.3265"E	418 M 44 M	Marqué Non balisé par feu	NIL
	ORANGE AIRTEL ZARIA	Pylône	13°30'47.4966"N 007°07'15.6663"E	425 M 40 M	Marqué Non balisé par feu	NIL
	Radio Chine ALID SOFO CENTRE JEUNES	Antenne	13°29'06.0288"N 007°07'43.4206"E	424 M 29 M	Marqué Balisé feu rouge	NIL
	TELESTAR	Pylône	13°29'31.9913"N 007°07'35.9076"E	452 M 59 M	Marqué Non balisé par feu	NIL
	MOOV Ecole MAGA TAKARDA	Pylône	13°29'32.3175"N 007°07'14.7405"E	442 M 53 M	Marqué Non Balisé	NIL
	ORANGE Derrière Ecole Normale	Pylône	13°29'18.7919"N 007°07'12.5292"E	431 M 43 M	Marqué Non Balisé	NIL
	ORANGE Ecole Vie Abondante	Pylône	13°28'48.0625"N 007°07'19.8824"E	437 M 45 M	Marqué Non Balisé	NIL
	MOOV CSP JANGORZO	Pylône	13°28'44.2428"N 007°07'05.2746"E	447 M 59 M	Non Marqué Non Balisé	NIL
	AIRTEL Vers Chez RIMBO	Pylône	13°29'00.4555"N 007°07'03.7702"E	436 M 48 M	Marqué Non balisé par feu	NIL
	ANTENNE SEEN	Antenne	13°29'31.8046"N 007°07'00.2258"E	410 M 22 M	Marqué Non Balisé	NIL
	ORANGE AIRTEL Mosquée JINGUILLE	Pylône	13°28'22.6056"N 007°07'01.7849"E	428 M 42 M	Marqué Non Balisé	NIL
	ANTENNE PAM	Antenne	13°29'31.0012"N 007°06'53.9102"E	418 M 32 M	Marqué Balisé par feu rouge	NIL



ZONE Area	IDENTIFICATION OU DESIGNATION <i>obstacle identification or designation</i>	TYPE D'OBSTACLE <i>Type of Obstacle</i>	COORDONNÉES <i>Coordinates</i>	ALTITUDE / HAUTEUR SOL (mètres) <i>elevation/height (in Meters)</i>	MARQUAGES, TYPE ET COULEUR DU BALISAGE LUMINEUX <i>obstacle marking, type and color of obstacle lighting</i>	DISPONIBILITÉ ÉLECTRONIQUE <i>electronic availability</i>
0	1	2	3	4	5	6
	ORANGE vers DOUANES	Pylône	13°28'55.9989"N 007°06'50.7316"E	428 M 41 M	Marqué Non balisé par feu	NIL
	Radio ANFANI	Antenne	13°29'09.2086"N 007°06'52.7565"E	438 M 50 M	Marqué Balisé par feu rouge	NIL
	ORANGE GAO	Pylône	13°28'22.0626"N 007°06'26.8240"E	425 M 48 M	Marqué Non Balisé	NIL
	Radio DOUNIA	Antenne	13°29'21.3191"N 007°06'37.5041"E	425 M 41 M	Marqué Non Balisé	NIL
	SAHELCOM	Pylône	13°29'17.1754"N 007°06'38.4064"E	433 M 48 M	Marqué Non Balisé	NIL
	ORANGE vers HOTEL JANGORZO	Pylône	13°29'40.1217"N 007°06'45.8441"E	425 M 40 M	Marqué Balisé feu rouge	NIL
	AIRTEL Derrière BCEAO	Pylône	13°29'33.6205"N 007°06'25.6632"E	430 M 50 M	Marqué Non balisé	NIL
	MOOV SOURA BILDI	Pylône	13°30'46.0960"N 007°05'45.7965"E	404 M 36 M	Marqué Non Balisé	NIL
	AIRTEL MOOV ORANGEARENE	Pylône	13°30'42.5379"N 007°06'11.5862"E	417 M 41 M	Marqué Non Balisé	NIL
	MOOV Village artisanal	Pylône	13°30'57.6324"N 007°06'26.5097"E	404 M 33 M	Marqué Non Balisé	NIL
	ORANGE CITE CAISSE	Pylône	13°31'01.3893"N 007°05'59.3234"E	404 M 42 M	Marqué Non Balisé	NIL
	AIRTEL Vers ACHOURA	Pylône	13°31'24.1928"N 007°06'56.6504"E	399 M 40 M	Marqué Non Balisé	NIL
	MOOV EPICENTRE GAO	Pylône	13°28'30.6623"N 007°06'26.8722"E	421 M 43 M	Marqué Non Balisé	NIL
	MINARET Mosquée Université	Bâtiment	13°29'29.5752"N 007°07'37.4688"E	408 M 15 M	Marqué Non Balisé	NIL
	Château NW aéroport	Réservoir	13°29'41.8080"N 007°06'47.5391"E	398 M 15 M	Non Marqué Non Balisé	NIL
	Minaret Mosquée CHAWEYE	Bâtiment	13°29'53.9433"N 007°06'49.5337"E	410 M 25 M	Marqué Non Balisé	NIL
	Château Zaria	Bâtiment				NIL

ZONE Area	IDENTIFICATION OU DESIGNATION <i>obstacle identification or designation</i>	TYPE D'OBSTACLE <i>Type of Obstacle</i>	COORDONNÉES <i>Coordinates</i>	ALTITUDE / HAUTEUR SOL (mètres) <i>elevation/height (in Meters)</i>	MARQUAGES, TYPE ET COULEUR DU BALISAGE LUMINEUX <i>obstacle marking, type and color of obstacle lighting</i>	DISPONIBILITÉ ÉLECTRONIQUE <i>electronic availability</i>
0	1	2	3	4	5	6
	Minaret Mosquée SAHABA Zaria	Bâtiment	13°30'44.8157"N 007°06'38.6537"E	401 M 21 M	Marqué Non Balisé	NIL
	Minaret nouveau site CSP Triomphe	Bâtiment	13°30'26.0132"N 007°06'55.4120"E	417 M 32 M	Marqué Non Balisé	NIL
	ORANGE AIRTEL SOURA BILDI	Pylône	13°30'46.0960"N 007°05'45.7965"E	404 M 36 M	Marqué Non Balisé	NIL
Zone 3	Tour de Contrôle	Bâtiment	13°29'58.8697"N 007°07'10.7775"E	399 M 11 M	Marqué Non Balisé	NIL
	Manche à air	Mât	13°30'03.6926"N 007°07'13.8540"E	400 M 12 M	Marqué Non Balisé	NIL
	Anémomètre	Mât	13°30'01.3634"N 007°07'19.3208"E	399 M 12 M	Marqué Balisé feu rouge	NIL



DRRM — 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 : 175 m SSW de l'ARP, non éclairé par feu. LDI : 128 m SE de l'ARP, non éclairé par feu. LDI : 128 m SE from ARP, unlighted.	Anemometer : 175 m SSW from ARP, unlighted.
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 auxiliaire avec un groupe de 100KVA pour tout l'éclairage de l'aérodrome Temps de commutation : 7 s	Secondary power supply with one 100 KVA generator for all aerodrome lighting Switch-over time : 7 s
5	Observations / Remarks	NIL	

DRRM — 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 Géοïde / <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 / Remarks	NIL

DRRM — 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	NIL	NIL

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

Désignation du service Service designation	Indicatif d'appel Call sign	Fréquences (MHZ - KHZ) Frequency	Heure de fonctionnement Hours of operation	Observations Remarks
1	2	3	4	5
TWR	MARADI INFORMATION	118.4 MHz	0530-1730 UTC	Fréquence principale
TWR	MARADI INFORMATION	121.5 MHz	0530-1730 UTC	Fréquence d'urgence
ACC	NIAMEY CONTROLE	126.1 MHz	H24	Fréquence d'écoute et de coordination
ACC	NIAMEY CONTROLE	8873 KHz	H24	Fréquence d'écoute et de coordination

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

Type d'Aide/Déclinaison Type of Aid/Magnetic Variation	Identification Identification	Fréquences (MHZ-KHZ) Frequency	Heures de fonctionnement Hours of operation	Coordonnées antenne émission Site of antenna coordinates	Altitude de l'antenne Elevation of DME antenna	Observations Remarks
1	2	3	4	5	6	7
←						
→	NIL	NIL	NIL	NIL	NIL	NIL

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

1.	Demi-tour obligatoire sur la raquette pour les aéronefs d'un poids supérieur à 13 tonnes.	1.	One eighty is compulsory on the turn-around area for aircraft that MTOW is higher than 13 tons.
2.	Les aéronefs qui resteront sur l'aire de stationnement 48 heures ou plus, doivent couvrir leurs moteurs.	2.	Mandatory for aircraft having to stay longer as more than 48 hours on the parking area to cover their engines.

ESPACE AERIEN ATS / ATS AIRSPACE

Désignation et limites latérales Designation and laterals limits	Limites verticales Vertical limits	Classification de l'espace aérien Airspace classification	Indicatif d'appel et langues de l'organe ATS unit call sign/Languages	Altitude de transition Transition altitude	Observations Remarks
1	2	3	4	5	6
NIL	NIL	G	MARADI Information Français (Fr) - Anglais (En)	NIL	Aérodrome AFIS

DRRM — AD 2.21 PROCEDURES ANTIBRUIT
ANTI NOISE PROCEDURES

NIL	
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DRRM — AD 2.22 PROCEDURES DE VOL
FLIGHT PROCEDURES

NIL	
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DRRT — 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 : 220 M au NNE de l'ARP, éclairé par feu LDI : 105 M au NW de l'ARP, éclairé par feu	Anemometer : 220 M at NNE from ARP, Lighted LDI : 105 M at NW from ARP, Lighted
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 : Toute la voie de circulation Feux axiaux de voies de circulation : NIL	Edge : along all the TWY Centre line lighting : NIL
4	Alimentation électrique auxiliaire/ délai de commutation <i>Secondary power supply /</i> <i>switch-over time</i>	Alimentation auxiliaire avec un générateur de 110KVA pour tout l'éclairage et le balisage de l'aérodrome Temps de commutation : 5 s	Secondary power supply with one 110KVA generator for all aerodrome lighting Switch-over time : 5 s
5	Observations / Remarks	Mise en marche du groupe est manuelle	Power supply is manually switched on

DRRT — 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 Géοide / <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,</i> <i>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 / Remarks	NIL

DRRT — 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	NIL	NIL

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

Désignation du service Service designation	Indicatif d'appel Call sign	Fréquences (MHZ - KHZ) Frequency	Heure de fonctionnement Hours of operation	Observations Remarks
1	2	3	4	5
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TWR	TAHOUAINFORMATION	121.5 MHz	0530-1730 UTC	Fréquence d'urgence
ACC	NIAMEY CONTROLE	126.1 MHz	H24	Fréquence d'écoute et de coordination
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DRRT — AD 2.19 AIDES DE RADIONAVIGATION ET D'ATTERRISSAGE
RADIO NAVIGATION AND LANDING AIDS

Type d'Aide/Déclinaison Type of Aid/Magnetic Variation	Identification Identification	Fréquences (MHZ-KHZ) Frequency	Heures de fonctionnement Hours of operation	Coordonnées antenne émission Site of antenna coordinates	Altitude de l'antenne Elevation of DME antenna	Observations Remarks
1	2	3	4	5	6	7
←						
→	NIL	NIL	NIL	NIL	NIL	NIL

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

1.	Demi-tour obligatoire sur la raquette pour les aéronefs d'un poids supérieur à 13 tonnes.	1.	One eighty is compulsory on the turn-around area for aircraft that MTOW is higher than 13 tons.
2.	Les aéronefs qui resteront sur l'aire de stationnement 48 heures ou plus, doivent couvrir leurs moteurs.	2.	Mandatory for aircraft having to stay longer as more than 48 hours on the parking area to cover their engines.

ESPACE AERIEN ATS / ATS AIRSPACE

Désignation et limites latérales Designation and laterals limits	Limites verticales Vertical limits	Classification de l'espace aérien Airspace classification	Indicatif d'appel et langues de l'organe ATS unit call sign/Languages	Altitude de transition Transition altitude	Observations Remarks
1	2	3	4	5	6
NIL	NIL	G	Tahoua Information Français (Fr) - Anglais (En)	NIL	Aérodrome AFIS

DRRT — AD 2.21 PROCEDURES ANTIBRUIT
ANTI NOISE PROCEDURES

NIL	
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DRRT — AD 2.22 PROCEDURES DE VOL
FLIGHT PROCEDURES

NIL	
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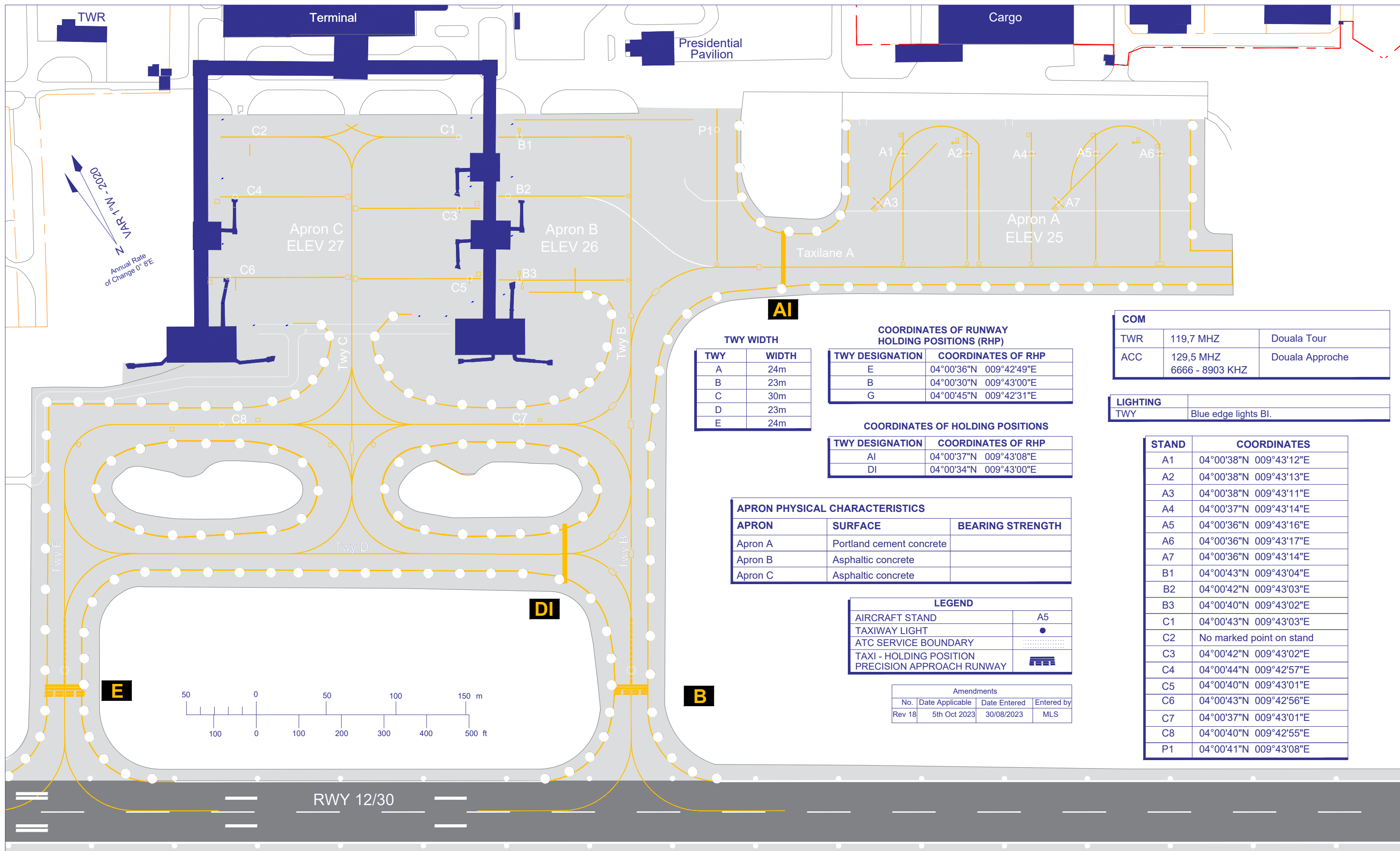


AIRCRAFT PARKING/DOCKING
CHART - ICAO

04°00'22"N 009°43'10"E

ELEV 34FT

DOUALA
FKKD



TWY WIDTH

TWY	WIDTH
A	24m
B	23m
C	30m
D	23m
E	24m

COORDINATES OF RUNWAY HOLDING POSITIONS (RHP)

TWY DESIGNATION	COORDINATES OF RHP
E	04°00'36"N 009°42'49"E
B	04°00'30"N 009°43'00"E
G	04°00'45"N 009°42'31"E

COORDINATES OF HOLDING POSITIONS

TWY DESIGNATION	COORDINATES OF RHP
AI	04°00'37"N 009°43'08"E
DI	04°00'34"N 009°43'00"E

APRON PHYSICAL CHARACTERISTICS

APRON	SURFACE	BEARING STRENGTH
Apron A	Portland cement concrete	
Apron B	Asphaltic concrete	
Apron C	Asphaltic concrete	

LEGEND

AIRCRAFT STAND	A5
TAXIWAY LIGHT	●
ATC SERVICE BOUNDARY	⋯⋯⋯
TAXI - HOLDING POSITION	▬▬▬
PRECISION APPROACH RUNWAY	▬▬▬▬▬

Amendments

No.	Date Applicable	Date Entered	Entered by
Rev 18	5th Oct 2023	30/08/2023	MLS

COM

TWR	119,7 MHz	Douala Tour
ACC	129,5 MHz 6666 - 8903 KHZ	Douala Approche

LIGHTING

TWY	Blue edge lights BL.
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STAND COORDINATES

STAND	COORDINATES
A1	04°00'38"N 009°43'12"E
A2	04°00'38"N 009°43'13"E
A3	04°00'38"N 009°43'11"E
A4	04°00'37"N 009°43'14"E
A5	04°00'36"N 009°43'16"E
A6	04°00'36"N 009°43'17"E
A7	04°00'36"N 009°43'14"E
B1	04°00'43"N 009°43'04"E
B2	04°00'42"N 009°43'03"E
B3	04°00'40"N 009°43'02"E
C1	04°00'43"N 009°43'03"E
C2	No marked point on stand
C3	04°00'42"N 009°43'02"E
C4	04°00'44"N 009°42'57"E
C5	04°00'40"N 009°43'01"E
C6	04°00'43"N 009°42'56"E
C7	04°00'37"N 009°43'01"E
C8	04°00'40"N 009°42'55"E
P1	04°00'41"N 009°43'08"E

PAGE LAISSÉE INTENTIONNELLEMENT VIDE