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**BUREAU NOTAM INTERNATIONAL
 DE L'AFRIQUE CENTRALE**

B.P. 660 BRAZZAVILLE - CONGO

CAMEROUN – CENTRAFRIQUE – CONGO – GABON – GUINEE ÉQUATORIALE – SAO TOME – TCHAD

AIRAC AIP SUP

NR 63/A/26FC

09 JUL 2026

N'DJAMENA/Hassan DJAMOISS - FTTJ

NOUVELLES PROCEDURES DE VOL IFR NEW IFR FLIGHT PROCEDURES

Effective date	03 SEP 2026
Validity	PERM

Ce SUP d'AIP informe les usagers sur la publication des nouvelles procédures de vol IFR de l'aérodrome de N'DJAMENA

This AIP SUP inform users of the publication of new IFR flight procedures at N'DJAMENA aerodrome

ENR 4.4 INDICATIFS CODES DES POINTS SIGNIFICATIFS NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

WAYPOINTS LIST TO BE REMOVED FROM AIP

WAYPOINT	COORDINATES		STATUS
LINOP	12°03'16.11"N	014°49'43.58"E	IAF
RELEN	11°56'03.47"N	014°56'49.81"E	IAF
MILRA	11°59'39.81"N	014°53'16.74"E	IAF/IF

WAYPOINTS LIST TO BE INSERTED INTO AIP

WAYPOINT	COORDINATES		STATUS
LIRAK	12°02'53.864"N	014°49'20.296"E	IAF
ERSAK	11°59'17.572"N	014°52'53.455"E	IAF/IF
RIPAD	11°55'41.234"N	014°56'26.519"E	IAF
GAKDI	12°06'46.521"N	014°49'08.602"E	IAF
TOBIN	11°58'38.652"N	014°53'35.768"E	IAF/IF
POLOL	11°55'30.102"N	015°03'33.033"E	IAF
KEDUM	12°20'32.895"N	015°01'52.235"E	IAF
SIBIN	12°10'51.060"N	015°14'18.873"E	IAF

ASECNA AIP

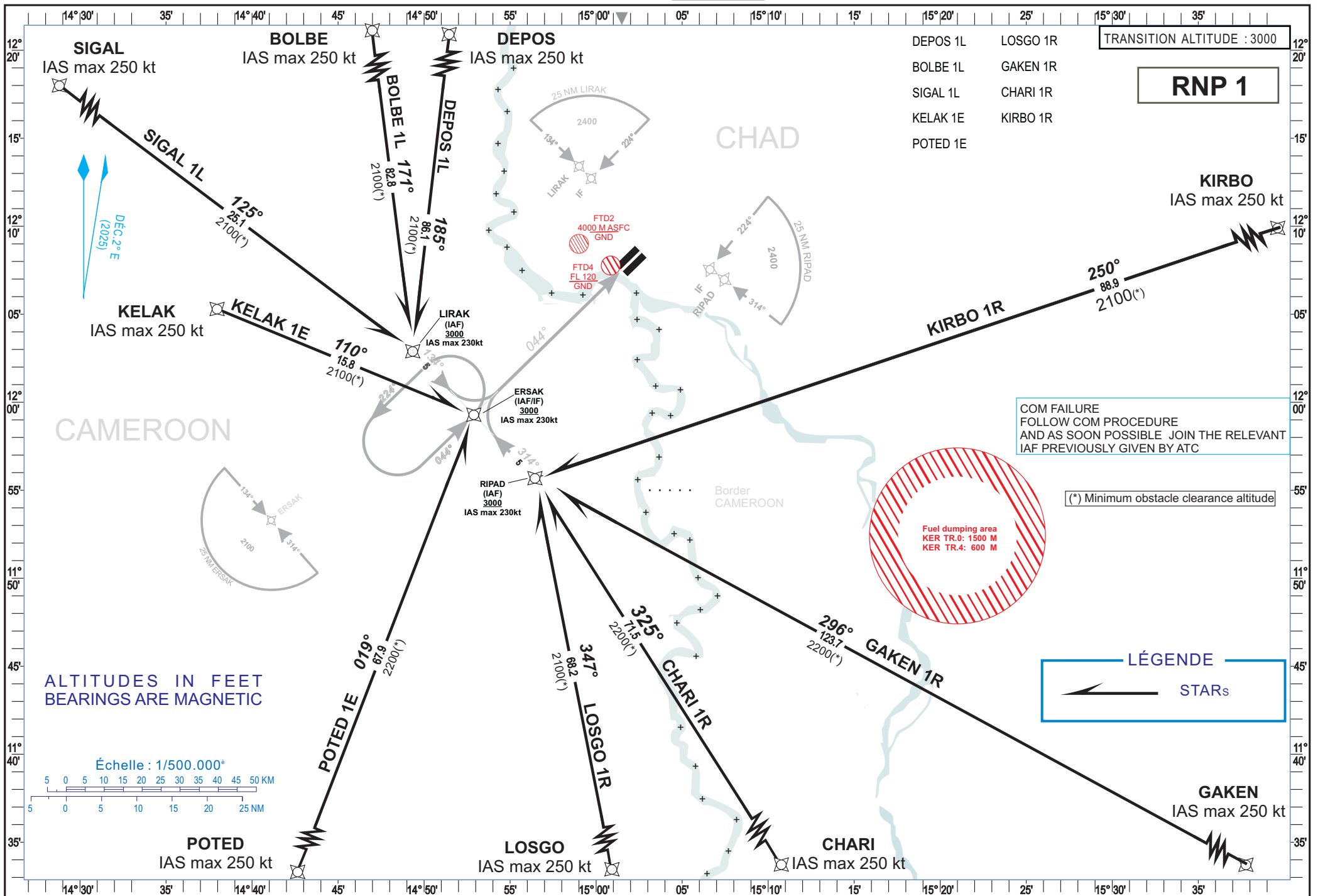
INSERT NEW PAGES	DELETE OLD PAGES
- 14 AD2-FTTJ-STAR-RNP-RWY04 - 14 AD2-FTTJ-STAR-RNP-RWY04-DATA - 14 AD2-FTTJ-STAR-RNP-RWY22 - 14 AD2-FTTJ-STAR-RNP-RWY22-DATA - 14 AD2-FTTJ-STAR-VORDME-RWY04 - 14 AD2-FTTJ-STAR-VORDME-RWY22 - 14 AD2-FTTJ-IAC-ILSX-RWY04 - 14 AD2-FTTJ-IAC-ILSX-RWY04-DATA - 14 AD2-FTTJ-IAC-ILSY-RWY04 - 14 AD2-FTTJ-IAC-ILSZ-RWY04 - 14 AD2-FTTJ-IAC-RNP-RWY04 - 14 AD2-FTTJ-IAC-RNP-RWY04-DATA - 14 AD2-FTTJ-IAC-RNP-RWY22 - 14 AD2-FTTJ-IAC-RNP-RWY22-DATA - 14 AD2-FTTJ-IAC-VORY-RWY04 - 14 AD2-FTTJ-IAC-VORY-RWY22 - 14 AD2-FTTJ-IAC-VORZ-RWY22 - 14 AD2-FTTJ-IAC-VORZ-RWY04	- 14 AD2-FTTJ-STAR-RNAV05 - 14 AD2-FTTJ-STAR-RNAV05-DATA - 14 AD2-FTTJ-STAR-RNAV23 - 14 AD2-FTTJ-STAR-RNAV23-DATA - 14 AD2-FTTJ-STAR-VORDME0523 - 14 AD2-FTTJ-IAC-RNAV05 - 14 AD2-FTTJ-IAC-RNAV05-DATA - 14 AD2-FTTJ-IAC-RNAV23 - 14 AD2-FTTJ-IAC-RNAV23-DATA - 14AD2-FTTJ-IAC-RNAV_ILS05 - 14AD2-FTTJ-IAC-DATA-RNAV_ILS05 - 14AD2-FTTJ-IAC-ILSY05 - 14AD2-FTTJ-IAC-ILSZ05 - 14AD2-FTTJ-IAC-VORY05 - 14AD2-FTTJ-IAC-VORZ05 - 14AD2-FTTJ-IAC-VORY23 - 14AD2-FTTJ-IAC-VORZ23

***CE SUP AIP COMPORTE 02 PAGES ET 18 ANNEXES /
THIS AIP SUP HAS 02 PAGES AND 18 ANNEXES***

STANDARD ARRIVAL CHART-INSTRUMENTS (STAR RNP RWY 04)-ICAO

APP : 128.1
TWR : 119.7

N'DJAMENA (FTTJ)



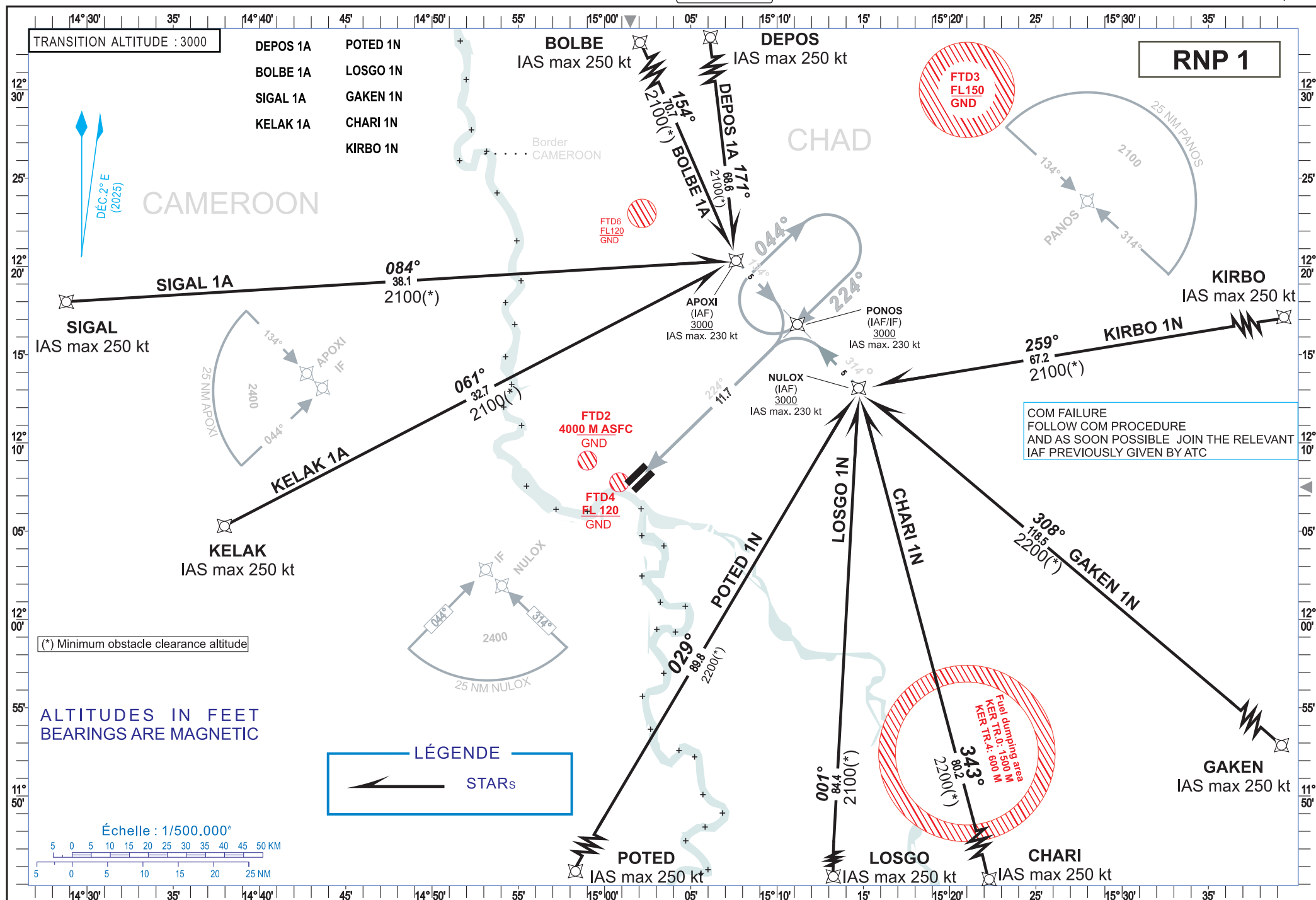
TABULAR DESCRIPTION										
STAR RNP RWY 04										
Serial Number	Path Descriptor	Waypoint Ident.	Fly Over	Course °M (T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	NAV. Spec.
KIRBO 1R										
010	IF	KIRBO	-	-	-		-	-	-250	RNP 1
020	TF	RIPAD	-	250 (251.7)	-	88.9	-	+3000	-230	RNP 1
GAKEN 1R										
010	IF	GAKEN	-	-	-	-	-	-	-250	RNP 1
020	TF	RIPAD	-	296 (298.4)	-	123.7	-	+3000	-230	RNP 1
CHARI 1R										
010	IF	CHARI	-	-	-	-	-	-	-250	RNP 1
020	TF	RIPAD	-	325 (327.3)	-	71.5	-	+3000	-230	RNP 1
LOSGO 1R										
010	IF	LOSGO		-	-	-	-	-	-250	RNP 1
020	TF	RIPAD	-	347 (348.8)	-	68.2	-	+3000	-230	RNP 1
POTED 1E										
010	IF	POTED		-	-	-	-	-	-250	RNP 1
020	TF	ERSAK		19 (021.2)	-	67.9	-	+3000	-230	RNP 1
KELAK 1E										
010	IF	KELAK		-	-	-	-	-	-250	RNP 1
020	TF	ERSAK		110 (112.2)	-	15.8	-	+3000	-230	RNP 1
SIGAL 1L										
010	IF	SIGAL		-	-	-	-	-	-250	RNP 1
020	TF	LIRAK		125(126.7)	-	25.1	-	+3000	-230	RNP 1
BOLBE 1L										
010	IF	BOLBE		-	-	-	-	-	-250	RNP 1
020	TF	LIRAK		171 (172.8)	-	82.8	-	+3000	-230	RNP 1
DEPOS 1L										
010	IF	DEPOS		-	-	-	-	-	-250	RNP 1
020	TF	LIRAK		185(186.6)	-	86.1	-	+3000	-230	RNP 1

WAYPOINTS LIST		
STAR RNP RWY 04		
Waypoint Identifier	Coordinates	
KIRBO	12°23'59.841"N	016°22'28.547"E
GAKEN	10°56'46.660"N	016°47'17.960"E
CHARI	10°55'16.126"N	015°35'51.286"E
LOSGO	10°48'29.799"N	015°09'58.582"E
POTED	10°55'41.584"N	014°27'48.248"E
KELAK	12°05'18.000"N	014°37'58.000"E
SIGAL	12°18'00.000"N	014°28'48.000"E
BOLBE	13°25'26.420"N	014°38'40.608"E
DEPOS	13°28'48.472"N	014°59'26.213"E
ERSAK	11°59'17.572"N	014°52'53.455"E
LIRAK	12°02'53.864"N	014°49'20.296"E
RIPAD	11°55'41.234"N	014°56'26.519"E

STANDARD ARRIVAL CHART-INSTRUMENTS (STAR RNP RWY 22)-ICAO

APP : 128.1
TWR : 119.7

N'DJAMENA (FTTJ)



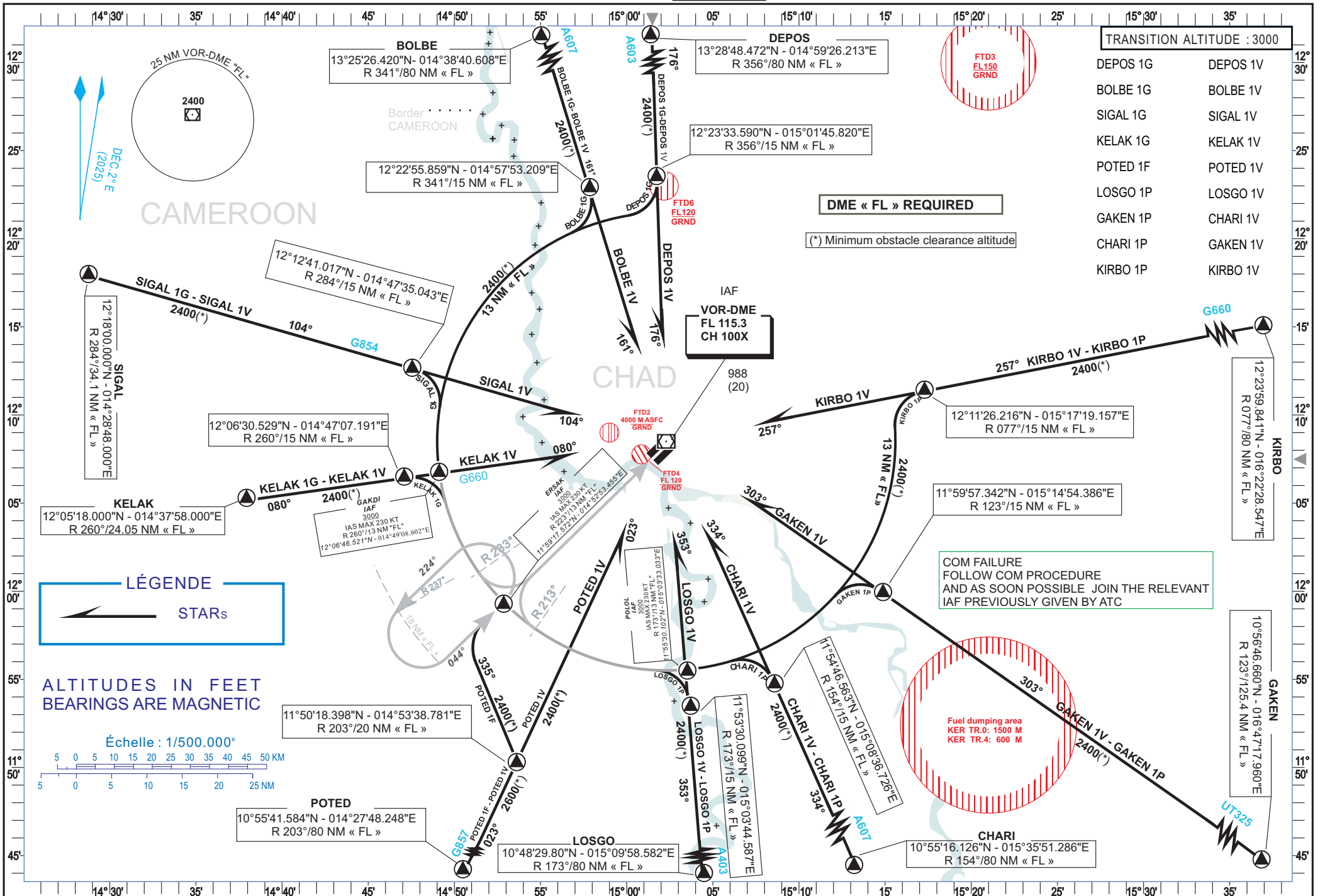
TABULAR DESCRIPTION										
STAR RNP RWY 22										
Serial Number	Path Descriptor	Waypoint Ident.	Fly Over	Course °M (T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	NAV. Spec.
KIRBO 1N										
010	IF	KIRBO	-	-	-		-	-	-250	RNP 1
020	TF	NULOX	-	259 (260.8)	-	67.2	-	+3000	-230	RNP 1
GAKEN 1N										
010	IF	GAKEN	-	-	-	-	-	-	-250	RNP 1
020	TF	NULOX	-	308 (310.1)	-	118.5	-	+3000	-230	RNP 1
CHARI 1N										
010	IF	CHARI	-	-	-	-	-	-	-250	RNP 1
020	TF	NULOX	-	343 (345.1)	-	80.2	-	+3000	-230	RNP 1
LOSGO 1N										
010	IF	LOSGO		-	-	-	-	-	-250	RNP 1
020	TF	NULOX	-	001 (003.2)	-	84.4	-	+3000	-230	RNP 1
POTED 1N										
010	IF	POTED		-	-	-	-	-	-250	RNP 1
020	TF	NULOX		29 (30.8)	-	89.8	-	+3000	-230	RNP 1
KELAK 1A										
010	IF	KELAK		-	-	-	-	-	-250	RNP 1
020	TF	APOXI		61 (62.7)	-	32.7	-	+3000	-230	RNP 1
SIGAL 1A										
010	IF	SIGAL		-	-	-	-	-	-250	RNP 1
020	TF	APOXI		84(086.4)	-	38.1	-	+3000	-230	RNP 1
BOLBE 1A										
010	IF	BOLBE		-	-	-	-	-	-250	RNP 1
020	TF	APOXI		154 (156.4)	-	70.7	-	+3000	-230	RNP 1
DEPOS 1A										
010	IF	DEPOS		-	-	-	-	-	-250	RNP 1
020	TF	APOXI		171(173.3)	-	68.6	-	+3000	-230	RNP 1

WAYPOINTS LIST		
STAR RNP RWY 22		
Waypoint	Coordinates	
KIRBO	12°23'59.841"N	016°22'28.547"E
GAKEN	10°56'46.660"N	016°47'17.960"E
CHARI	10°55'16.126"N	015°35'51.286"E
LOSGO	10°48'29.799"N	015°09'58.582"E
POTED	10°55'41.584"N	014°27'48.248"E
KELAK	12°05'18.000"N	014°37'58.000"E
SIGAL	12°18'00.000"N	014°28'48.000"E
BOLBE	13°25'26.420"N	014°38'40.608"E
DEPOS	13°28'48.472"N	014°59'26.213"E
APOXI	12°20'20.078"N	015°07'37.541"E
PONOS	12°16'43.556"N	015°11'10.686"E
NULOX	12°13'06.987"N	015°14'43.734"E

STANDARD ARRIVAL CHART-INSTRUMENTS (STAR VORDME RWY 04)-ICAO

APP : 128.1
TWR : 119.7

N'DJAMENA (FTTJ)





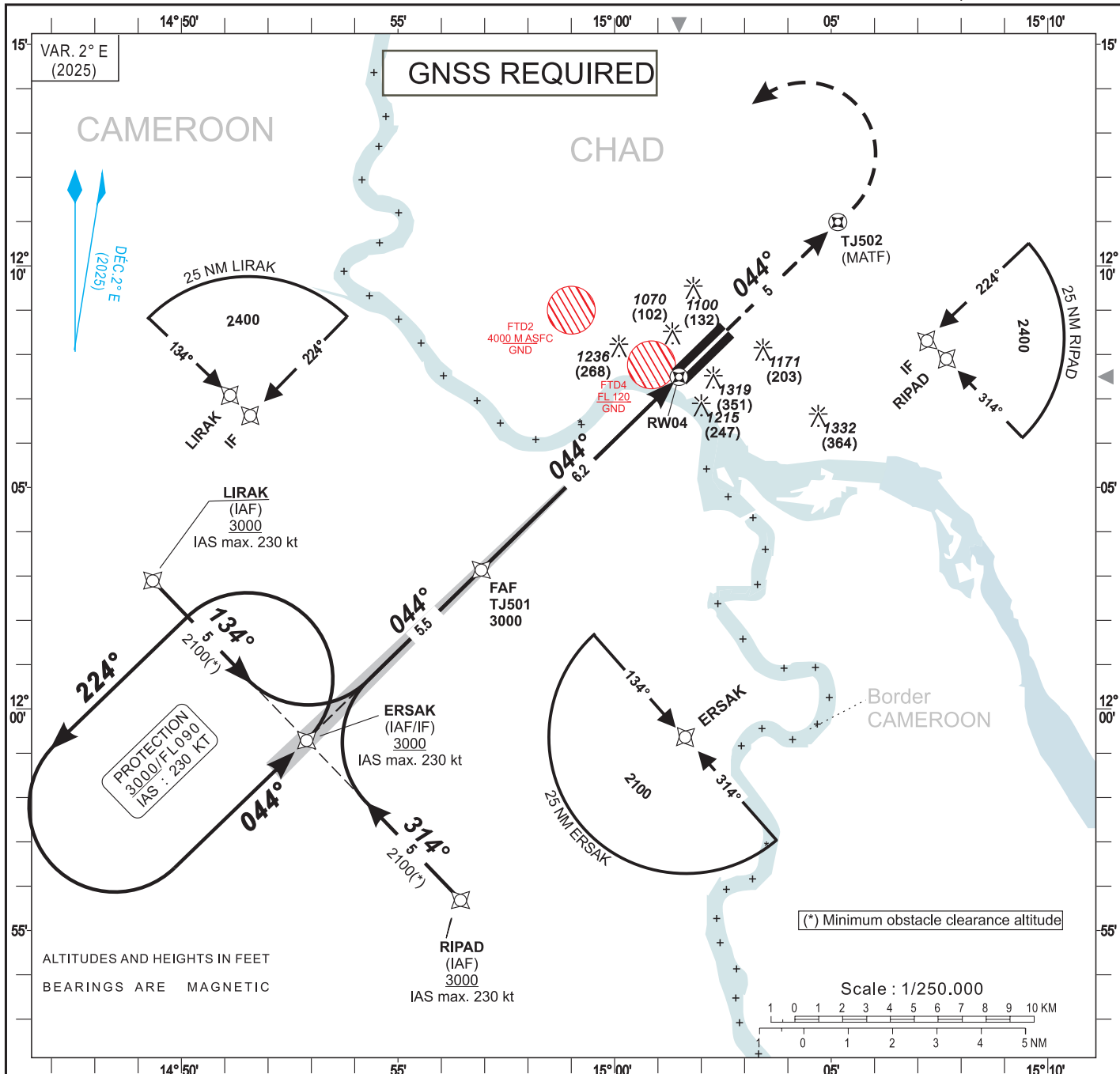
**INSTRUMENT
APPROACH
CHART-ICAO**

AERODROME ELEV : 968
THR RWY 04 ELEV : 968

APP : 128.1
TWR : 119.7

HEIGHTS RELATED TO THR RWY 04 ELEVATION

N'DJAMENA (FTTJ)
ILS X or LOC X - RWY 04
IDENT ILS "IFL" FREQ 109.9
(ACFT CAT A, B, C, D)



TRANSITION ALTITUDE : 3000

TJ501
(FAP/FAF)
3000

Distance to RWY4 (NM)	FAF/FAF	6	5	4	3	2	RWY4
Altitude (ft)	3000	2930	2610	2300	1980	1660	

ERSK
(IF/IAF)
3000

044°

6.4 NM "IFL"

044°

5.2% (3.0°)

MAPT LOC
0.7 NM "IFL"

044°

TJ502
(MATF)

MISSED APPROACH
Climb on Track 044°. At TJ502 turn left direct to LIRAK at 3000 ft or as instructed by ATC. IAS max, 230 kt.

REF HGT: THR ELEV. 968

DISTANCE (NM)

11.7

10

8

6.2

6

4

2

0.5

0

1

2

5

NEW EDITION

AMDT

CAT	CAT.I				LOC-DME				CIRCLING (3)			RVR for take-off : CAT. A - B - C - D : 400									
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)			MDA	MDH	VH					
A	1217 (249)	1220 (250)		600	1000	1377 (409)	1380 (410)		900	1500	1614 (646)	1620 (650)	1500	Timing FAF / THR 6.2 NM							
B	1229 (261)	1230 (270)		650	1200	1377 (409)	1380 (410)		1000	1500	1614 (646)	1620 (650)	1600								
C	1238 (270)	1240 (270)		650	1200	1377 (409)	1380 (410)		1000	1800	1726 (758)	1730 (760)	2400								
D	1248 (280)	1250 (280)		650	1200	1377 (409)	1380 (410)		1400	2000	1726 (758)	1730 (760)	3600								
Notes : (1) With approach line -															RDH: 15 m RVR AND VIS IN METERS						
(2) Without approach line																					
(3) Circling in the North-West of the aerodrome and in daytime only. OCH and MDH AAL																					
															KT		MIN	SEC	KT	MIN	SEC
															90	4	Min 08	140	2	Min 39	
															100	3	Min 43	150	2	Min 29	
															110	3	Min 23	160	2	Min 20	
															120	3	Min 06	170	2	Min 11	
															130	2	Min 52	180	2	Min 04	

TABULAR DESCRIPTION

ILS X or LOC RWY 04

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/ TCH	Navigation Specification
010	IF	LIRAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	ERSAK	—	134(135.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	RIPAD	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	ERSAK	—	314(315.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	ERSAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	TJ501	—	044(045.9)		5.5	—	@3000	—	—	N/A
030	TF	RW04	Y	044(045.9)	-2.0	6.2	—	@1018	—	-3.0/15	N/A
010	IF	RW04	—	—		—	—	—	—	—	N/A
020	CF	TJ502	Y	044(045.9)	-2.0	5.0	—	—	-230	—	RNP APCH
030	DF	LIRAK	—	—	—	—	L	+3000	-230	—	RNP APCH
010	IF	ERSAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	HM	ERSAK	—	044(045.9)	—	—	L	+3000	-230	—	RNP APCH

WAYPOINTS LIST

ILS X OR LOC X RWY 04

Waypoint Identifier	Coordinates	
LIRAK	12°02'53.864"N	014°49'20.296"E
ERSAK	11°59'17.572"N	014°52'53.455"E
RIPAD	11°55'41.234"N	014°56'26.519"E
TJ501	12°03'08.438"N	014°56'55.317"E
RW04	12°07'29.646"N	015°01'29.180"E
TJ502	12°10'59.314"N	015°05'09.172"E

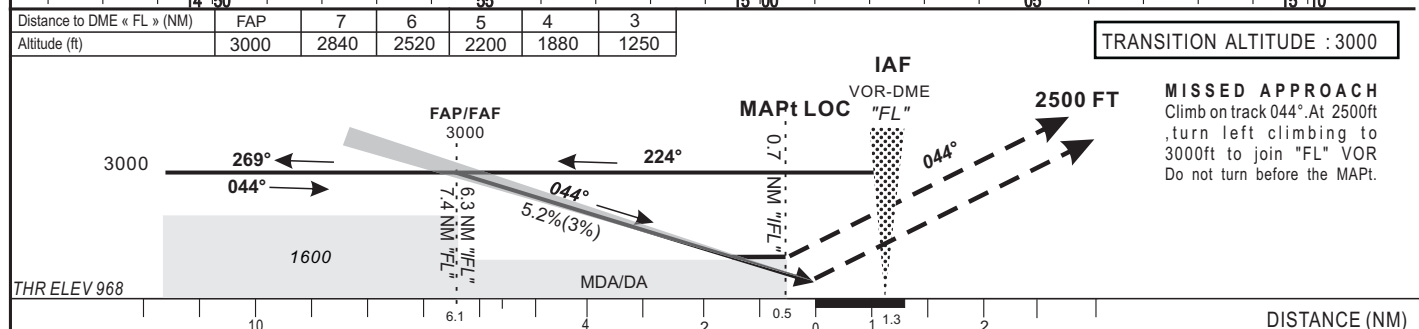
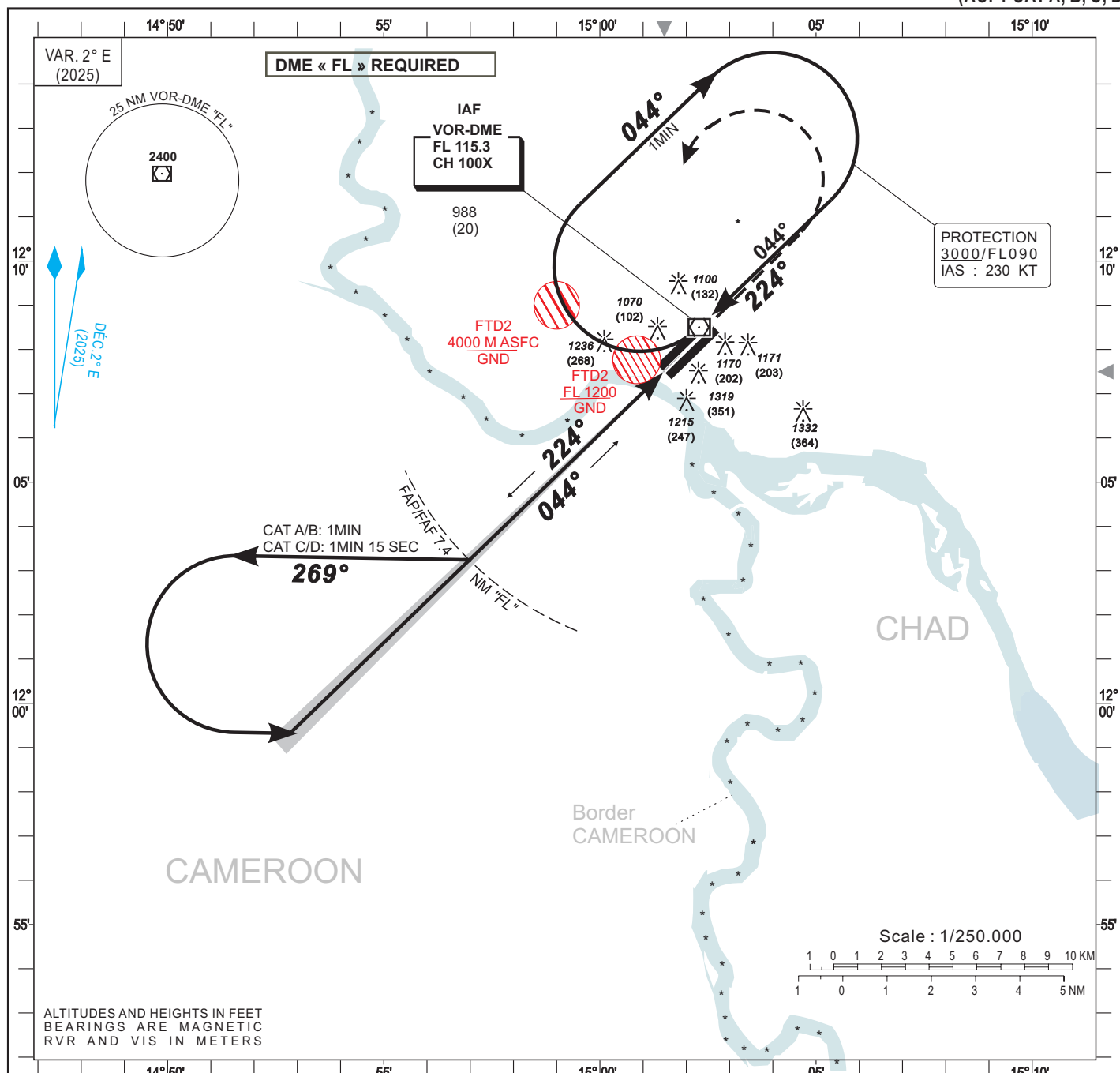
**INSTRUMENT
A P P R O A C H
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 04 ELEV : 968

APP : 128.1
TWR : 119.7

HEIGHTS RELATED TO THR RWY 04 ELEVATION

N'DJAMENA (FTTJ)
ILS Y ou LOC Y - RWY 04
IDENT ILS "IFL" FREQ 109.9
(ACFT CAT A, B, C, D)



CAT	CAT.I					LOC-DME					CIRCLING (3)			RVR FOR TAKE-OFF : CATA - B - C-D: 400	
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VH	
A	1217 (249)	1220 (250)		600	1000	1377 (409)	1380 (410)		900	1500	1614 (646)	1620 (650)		1500	Timing FAF / THR 6.3 NM
B	1229 (261)	1230 (270)		650	1200	1377 (409)	1380 (410)		1000	1500	1614 (646)	1620 (650)		1600	
C	1238 (270)	1240 (270)		650	1200	1377 (409)	1380 (410)		1000	1800	1726 (758)	1730 (760)		2400	
D	1248 (280)	1250 (280)		650	1200	1377 (409)	1380 (410)		1400	2000	1726 (758)	1730 (760)		3600	
Notes : - (1) With approach line - (2) Without approach line - (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL															- RDH : 15 m
KT MIN SEC KT MIN SEC															
90 4 Min 12 140 2 Min 42															
100 3 Min 47 150 2 Min 31															
110 3 Min 26 160 2 Min 22															
120 3 Min 09 170 2 Min 13															
130 2 Min 54 180 2 Min 06															

N'DJAMENA (FTTJ)
ILS Z ou LOC Z - RWY 04
IDENT ILS "IFL" FREQ 109.9
(ACFT CAT A, B, C, D)

VAR. 2° E (2025)

DME « FL » REQUIRED

VOR-DME
FL 115.3
CH 100X

988 (20)

GAKDI (IAF)
3000
IAS MAX 230 KT
R 260°/13 NM "FL"
12°06'46.521"N
014°49'08.602"E

FTD2
4000 MASF
GND

1070 (102)

1100 (132)

1170 (202)

1171 (203)

1236 (268)

FTD4
FL 120
GND

1215 (247)

1319 (351)

1332 (364)

25 NM VOR-DME "FL"
2400

CHAD

CAMEROON

044°

044°

224°

R236°

R239°

18 NM "FL"

PROTECTION
3000/FL090
IAS : 230 KT

ERSK (IAF/IF)
3000
IAS MAX 230 KT
R 223°/13 NM "FL"
11°59'17.572"N
014°52'53.455"E

2100(*)
13 NM "FL"

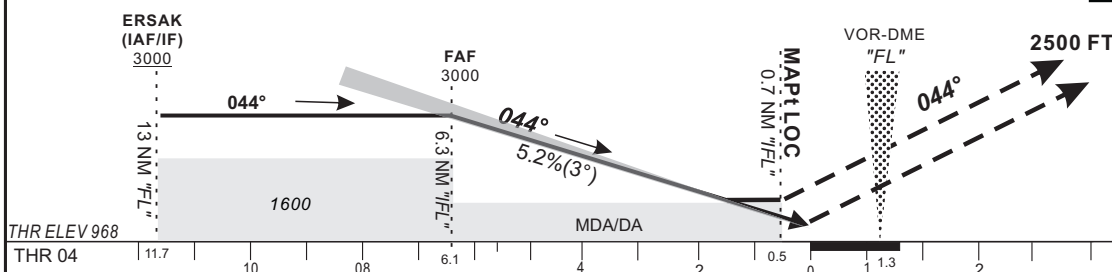
POLOL (IAF)
3000
IAS MAX 230 KT
R 173°/13 NM "FL"
11°55'30.102"N
015°03'33.033"E

Border
CAMEROON

ALTITUDES AND HEIGHTS IN FEET
BEARINGS ARE MAGNETIC

(*) Minimum obstacle clearance altitude

TRANSITION ALTITUDE : 3000



MISSED APPROACH
Climb on track 044°. At 2500ft, turn left climbing to 3000ft and join ERSK via RDL 239°"FL" or as instructed by ATC. Do not turn before the MAPt

CAT	CAT.I				LOC-DME				CIRCLING (3)			RVR FOR TAKE-OFF : CAT A - B - C-D: 400		
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS
A	1217 (249)	1220 (250)		600	1000	1377 (409)	1380 (410)		900	1500	1614 (646)	1620 (650)		1500
B	1229 (261)	1230 (270)		650	1200	1377 (409)	1380 (410)		1000	1500	1614 (646)	1620 (650)		1600
C	1238 (270)	1240 (270)		650	1200	1377 (409)	1380 (410)		1000	1800	1726 (758)	1730 (760)		2400
D	1248 (280)	1250 (280)		650	1200	1377 (409)	1380 (410)		1400	2000	1726 (758)	1730 (760)		3600
Notes : - (1) With approach line - (2) Without approach line - (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL											- RDH : 15 m - RVR AND VIS IN METERS			
											100	3 Min 47	150	2 Min 31
											110	3 Min 26	160	2 Min 22
											120	3 Min 09	170	2 Min 13
											130	2 Min 54	180	2 Min 06

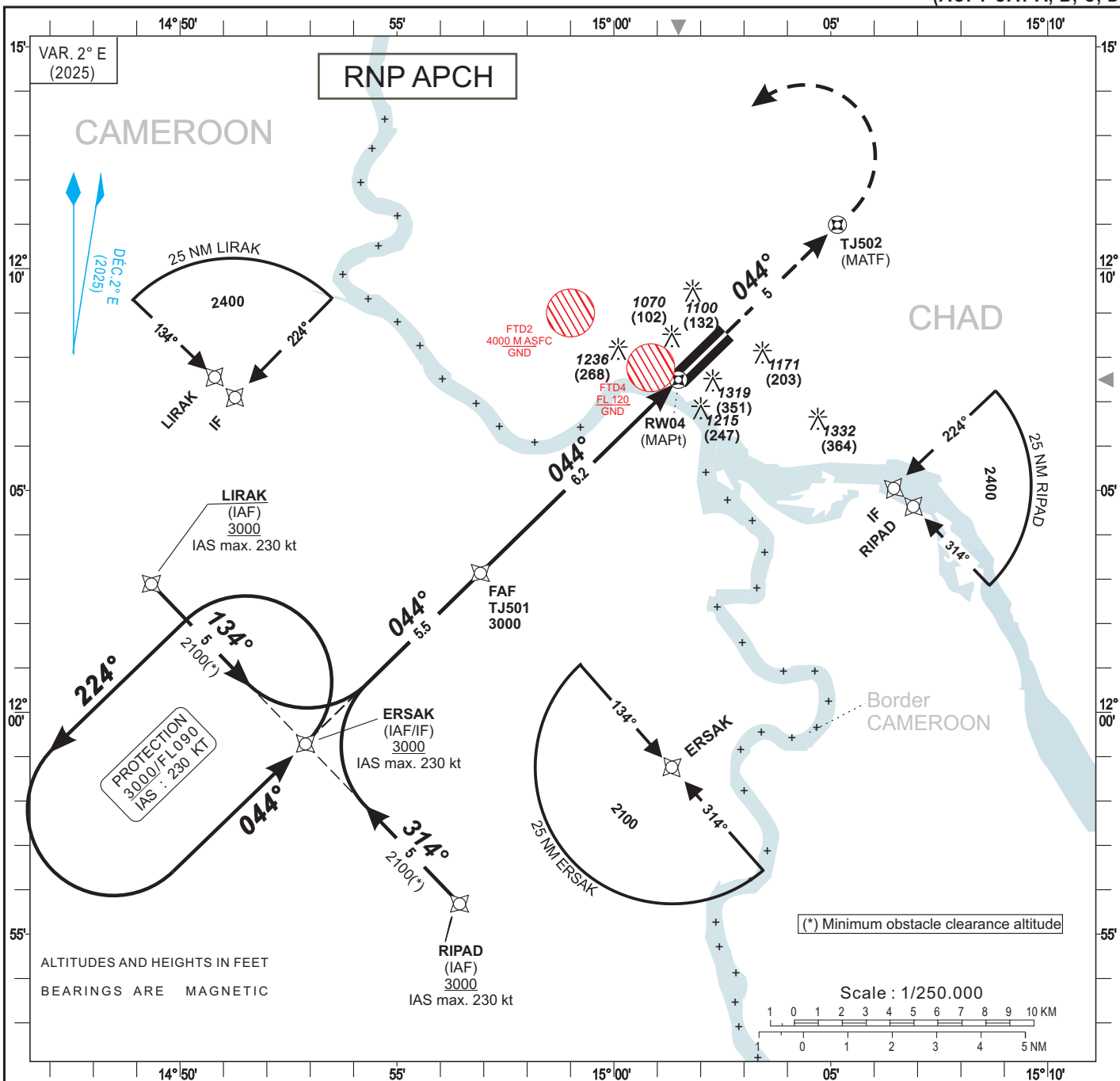
**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 04 ELEV : 968

APP : 128.1
TWR : 119.7

N'DJAMENA (FTTJ)
RNP RWY 04
(ACFT CAT A, B, C, D)

HEIGHTS RELATED TO THR RWY 04 ELEVATION



Distance to RW04 (NM)	FAF/FAF	6	5	4	3	2	RW04
Altitude (ft)	3000	2930	2610	2300	1980	1660	

ERSK (IF/IAF) 3000

044°

TJ501 (FAF/FAF) 3000

044°

5.2% (3.0°)

1700

MDA/DA

RW04 (MAPt)

TJ502 (MATF)

044°

MISSED APPROACH
Climb on Track 044°. At TJ502 turn left direct to LIRAK at 3000 ft or as instructed by ATC. IAS max, 230 kt.

REF HGT: THR ELEV. 968

DISTANCE (NM)

11.7 10 8 6.26 4 2 0 1 2 3 4 5

CAT	LNAV/VNAV				LNAV				CIRCLING (3)			RVR for take-off : CAT. A - B - C - D : 400																																						
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS																																				
A	1329 (361)	1330 (370)	900	1500	1530 (562)	1530 (570)	1000	1500	1614 (646)	1620 (650)	1500	Timing FAF / THR 6.2 NM <table><tr><th>KT</th><th>MIN</th><th>SEC</th><th>KT</th><th>MIN</th><th>SEC</th></tr><tr><td>90</td><td>4</td><td>Min 08</td><td>140</td><td>2</td><td>Min 39</td></tr><tr><td>100</td><td>3</td><td>Min 43</td><td>150</td><td>2</td><td>Min 29</td></tr><tr><td>110</td><td>3</td><td>Min 23</td><td>160</td><td>2</td><td>Min 20</td></tr><tr><td>120</td><td>3</td><td>Min 06</td><td>170</td><td>2</td><td>Min 11</td></tr><tr><td>130</td><td>2</td><td>Min 52</td><td>180</td><td>2</td><td>Min 04</td></tr></table>			KT	MIN	SEC	KT	MIN	SEC	90	4	Min 08	140	2	Min 39	100	3	Min 43	150	2	Min 29	110	3	Min 23	160	2	Min 20	120	3	Min 06	170	2	Min 11	130	2	Min 52	180	2	Min 04
KT	MIN	SEC	KT	MIN	SEC																																													
90	4	Min 08	140	2	Min 39																																													
100	3	Min 43	150	2	Min 29																																													
110	3	Min 23	160	2	Min 20																																													
120	3	Min 06	170	2	Min 11																																													
130	2	Min 52	180	2	Min 04																																													
B	1342 (374)	1350 (380)	1000	1500	1530 (562)	1530 (570)	1200	1500	1614 (646)	1620 (650)	1600																																							
C	1361 (393)	1370 (400)	1000	1800	1530 (562)	1530 (570)	1200	2000	1726 (758)	1730 (760)	2400																																							
D	1388 (420)	1390 (420)	1400	2000	1530 (562)	1530 (570)	1600	2000	1726 (758)	1730 (760)	3600																																							
Notes : (1) With approach lights - (2) Without approach lights (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL												RDH: 15 m Minimum temperature: 10° RVR AND VIS IN METERS																																						

TABULAR DESCRIPTION

RNP RWY 04

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/ TCH	Navigation Specification
010	IF	LIRAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	ERSAK	—	134(135.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	RIPAD	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	ERSAK	—	314(315.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	ERSAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	TJ501	—	044(045.9)		5.5	—	@3000	—	—	RNP APCH
030	TF	RW04	Y	044(045.9)	-2.0	6.2	—	@1018	—	-3.0/15	RNP APCH
010	IF	RW04	—	—		—	—	—	—	—	RNP APCH
020	CF	TJ502	Y	044(045.9)	-2.0	5.0	—	—	-230	—	RNP APCH
030	DF	LIRAK	—	—	—	—	L	+3000	-230	—	RNP APCH
010	IF	ERSAK	—	—	—	—	—	+3000	-230	—	RNP APCH
020	HM	ERSAK	—	044(045.9)	—	—	L	+3000	-230	—	RNP APCH

WAYPOINTS LIST

RNP RWY 04		
Waypoint Identifier	Coordinates	
LIRAK	12°02'53.864"N	014°49'20.296"E
ERSAK	11°59'17.572"N	014°52'53.455"E
RIPAD	11°55'41.234"N	014°56'26.519"E
TJ501	12°03'08.438"N	014°56'55.317"E
RW04	12°07'29.646"N	015°01'29.180"E
TJ502	12°10'59.314"N	015°05'09.172"E

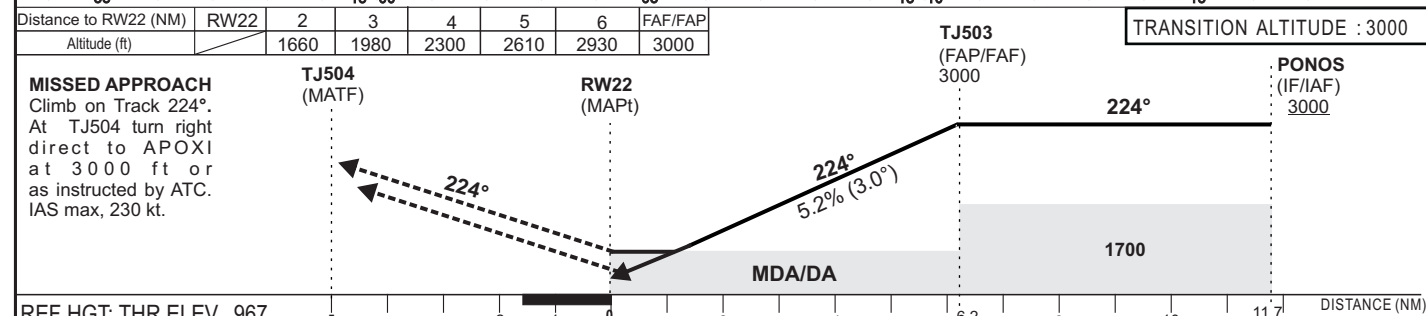
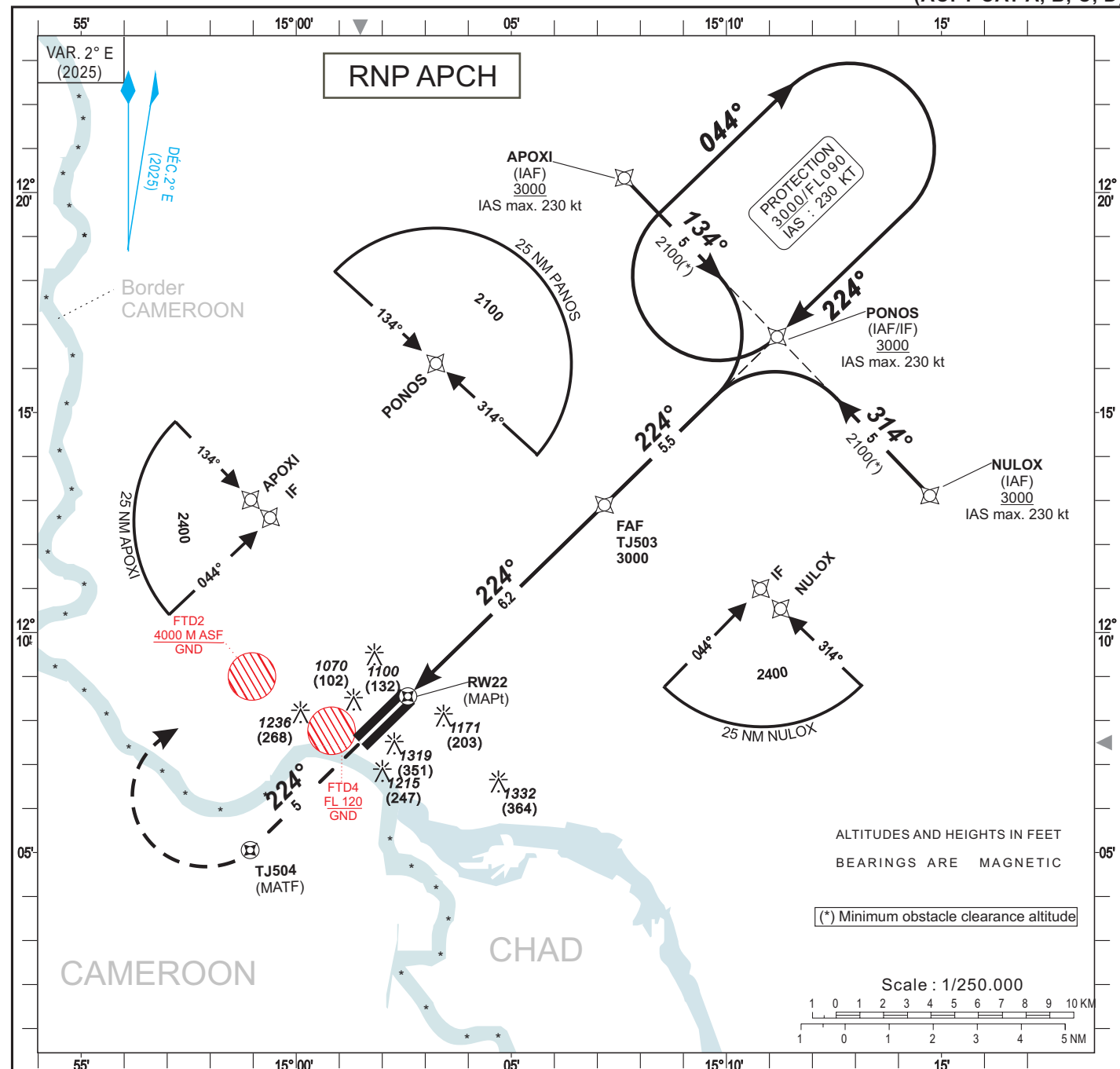
**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 22 ELEV : 967

APP : 128.1
TWR : 119.7

HEIGHTS RELATED TO THR RWY 22 ELEVATION

N'DJAMENA (FTTJ)
RNP RWY 22
(ACFT CAT A, B, C, D)



CAT	LNAV/VNAV				LNAV				CIRLING (3)			RVR for take-off : CAT. A - B - C - D : 400						
	OCA (OCH)	DA	DH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VIS				
A	1286 (319)	1290 (320)	900	1500	1467 (499)	1470 (500)	1000	1500	1614 (646)	1620 (650)	1500	Timing FAF / THR 6.2 NM						
B	1298 (331)	1300 (340)	1000	1500	1467 (499)	1470 (500)	1200	1500	1614 (646)	1620 (650)	1600							
C	1318 (351)	1320 (360)	1000	1800	1467 (499)	1470 (500)	1200	2000	1726 (758)	1730 (760)	2400							
D	1345 (378)	1350 (380)	1400	2000	1467 (499)	1470 (500)	1600	2000	1726 (758)	1730 (760)	3600							
Notes : - (1) With approach lights - (2) Without approach lights - (3) Circling in the North-West of the aerodrome and in daytime only. OCH and MDH AAL									- RDH: 15 m - Minimum temperature: 10° - RVR AND VIS IN METERS			KT		MIN	SEC	KT	MIN	SEC
												90		4 Min	08	140	2 Min	39
												100		3 Min	43	150	2 Min	29
												110		3 Min	23	160	2 Min	20
												120		3 Min	06	170	2 Min	11
												130		2 Min	52	180	2 Min	04

TABULAR DESCRIPTION

RNP RWY 22

Serial Number	Path Descriptor	Waypoint Identifier	Fly-Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed limit (Kt)	VPA/ TCH	Navigation Specification
010	IF	APOXI	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	PONOS	—	134(135.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	NULOX	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	PONOS	—	314(315.9)	—	5.0	—	+3000	-230	—	RNP APCH
010	IF	PONOS	—	—	—	—	—	+3000	-230	—	RNP APCH
020	TF	TJ503	—	224(225.9)	—	5.5	—	@3000	—	—	RNP APCH
030	TF	RW22	Y	224(225.9)	-2.0	6.2	—	@1018	—	-3.0/15	RNP APCH
010	IF	RW22	—	—	—	—	—	—	—	—	RNP APCH
020	CF	TJ504	Y	224(225.9)	-2.0	5.0	—	—	-230	—	RNP APCH
030	DF	APOXI	—	—	—	—	R	+3000	-230	—	RNP APCH
010	IF	PONOS	—	—	—	—	—	+3000	-230	—	RNP APCH
020	HM	PONOS	—	224(225.9)	—	—	R	+3000	-230	—	RNP APCH

WAYPOINTS LIST

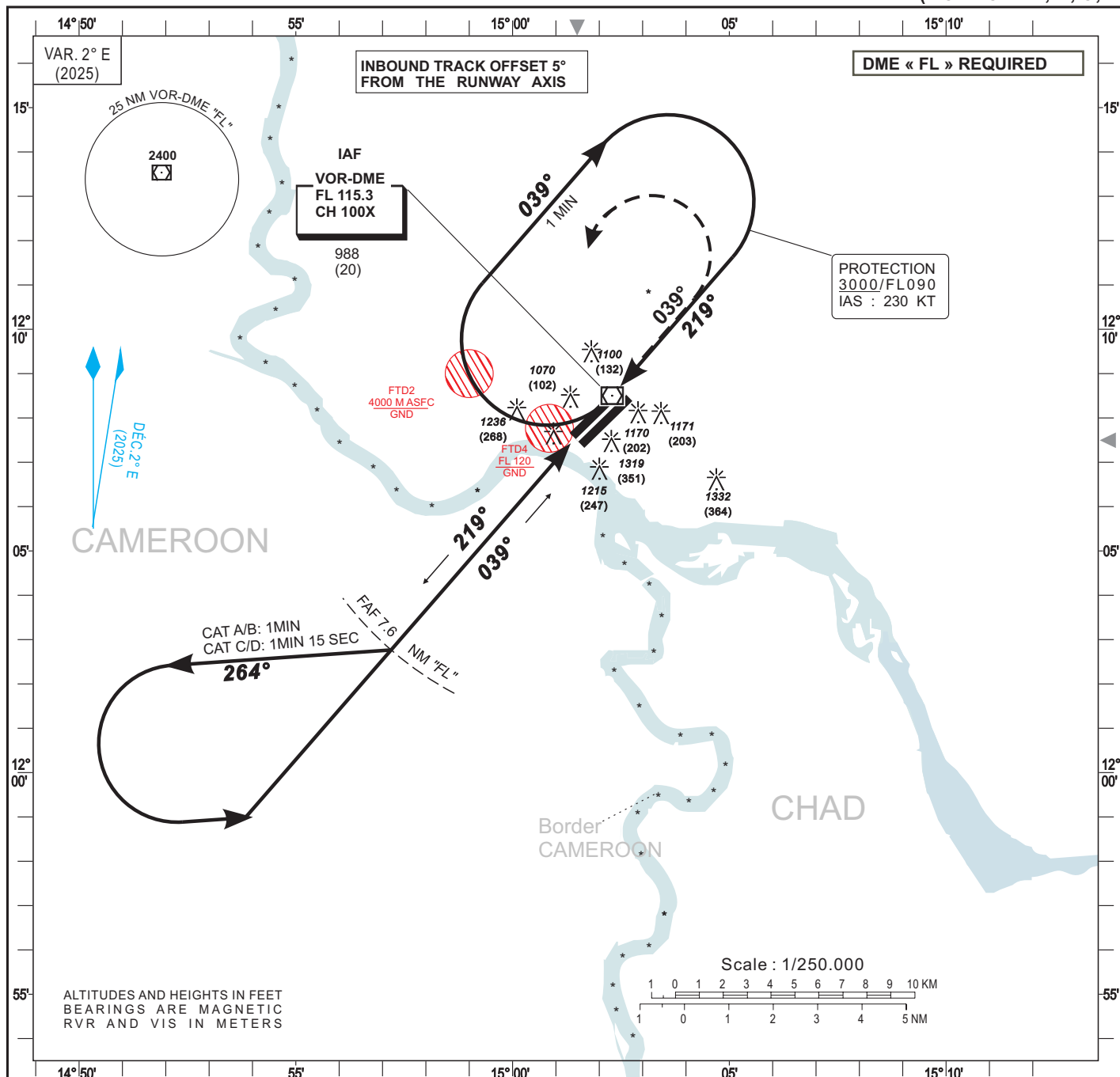
RNP RWY 22		
Waypoint Identifier	Coordinates	
APOXI	12°20'20.078"N	015°07'37.541"E
PONOS	12°16'43.556"N	015°11'10.686"E
NULOX	12°13'06.987"N	015°14'43.734"E
TJ503	12°12'54.271"N	015°07'09.852"E
RW22	12°08'33.046"N	015°02'35.686"E
TJ504	12°05'03.343"N	014°58'55.761"E

**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 04 ELEV : 968

APP : 128.1
TWR : 119.7

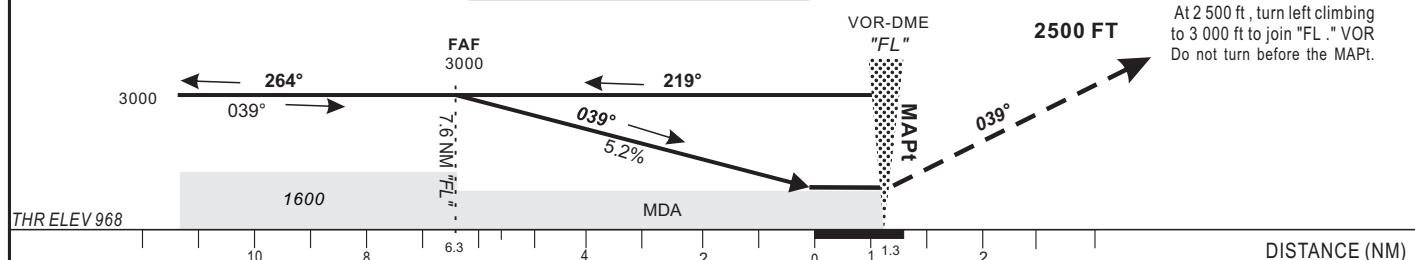
N'DJAMENA (FTTJ)
VOR Y RWY 04
IDENT VOR « FL » FREQ 115.3
(ACFT CAT A, B, C, D)



TRANSITION ALTITUDE : 3000

Offset approach to the runway axis

MISSED APPROACH
Climb on radial 039°. At 2 500 ft, turn left climbing to 3 000 ft to join "FL." VOR. Do not turn before the MAPt.



CAT	VOR				CIRCLING (3)						RVR FOR TAKE-OFF : CAT A - B - C-D: 400			
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VH				Timing FAF / THR 6.3 NM			
A	1534 (566)	1540 (570)	1000	1500	1614 (646)	1620 (650)	1500				KT MIN SEC KT MIN SEC			
B	1534 (566)	1540 (570)	1200	1500	1614 (646)	1620 (650)	1600				90 4 Min 12 140 2 Min 42			
C	1534 (566)	1540 (570)	1200	2000	1726 (758)	1730 (760)	2400							
D	1534 (566)	1540 (570)	1600	2000	1726 (758)	1730 (760)	3600							

Notes :

- (1) With approach line
- (2) Without approach line
- (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL

RVR FOR TAKE-OFF :
CATA - B - C-D: 400

Timing	FAF / T 6.3 NM
---------------	-------------------

KT	MIN	SEC	KT	MIN	SEC
90	4	Min 12	140	2	Min 42
100	3	Min 47	150	2	Min 31
110	3	Min 26	160	2	Min 22
120	3	Min 09	170	2	Min 13
130	2	Min 54	180	2	Min 06

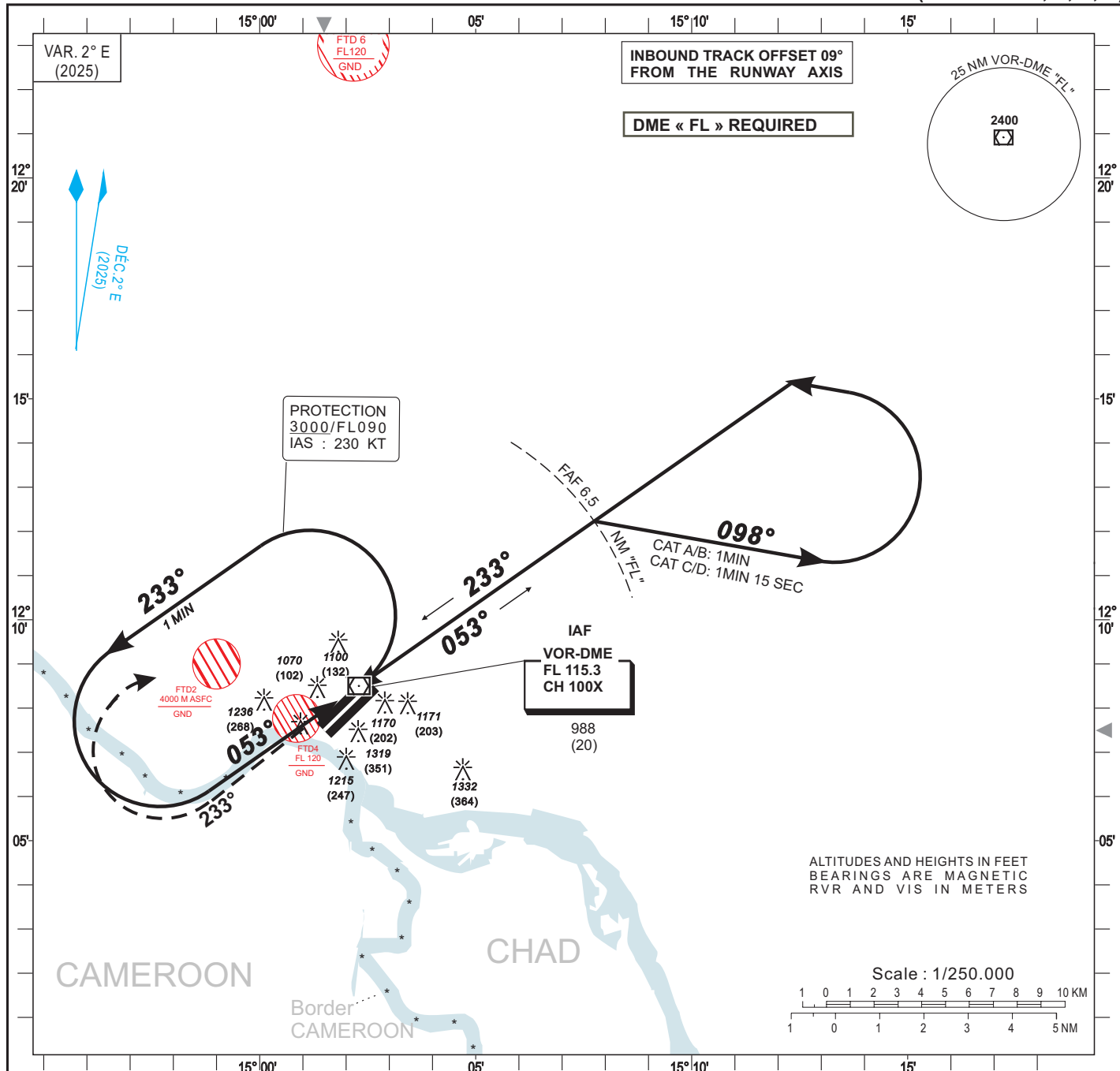
**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 22 ELEV : 968

APP : 128.1
TWR : 119.7

HEIGHTS RELATED TO THR RWY 22 ELEVATION

N'DJAMENA (FTTJ)
VOR Y RWY 22
IDENT VOR « FL » FREQ 115.3
(ACFT CAT A, B, C, D)

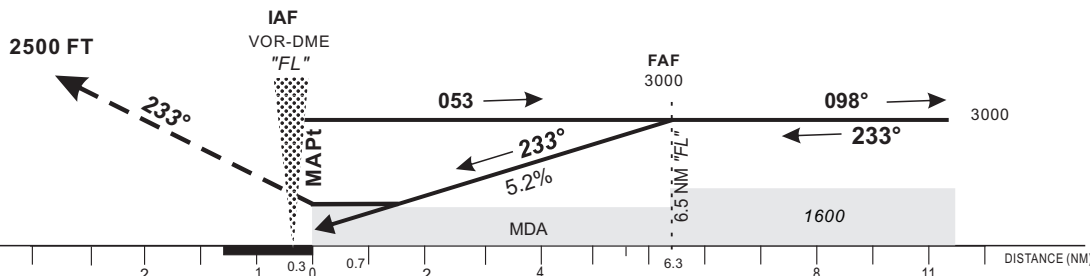


TRANSITION ALTITUDE : 3000

Offset approach to the runway axis

MISSED APPROACH
Climb on radial 233°
At 2 500 ft, turn right climbing
to 3 000 ft to join "FL." VOR
Do not turn before the MAPt

THRELEV 968



NEW EDITION

CAT	VOR-DME				CIRCLING (3)						RVR FOR TAKE-OFF : CATA - B - C-D: 400
	OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VH		
A	1442 (474)	1450 (480)		1000	1500	1614 (646)	1620 (650)	1500			Timing FAF / THR 6.3 NM KT MIN SEC KT MIN SEC 90 4 Min 12 140 2 Min 42 100 3 Min 47 150 2 Min 31 110 3 Min 26 160 2 Min 22 120 3 Min 09 170 2 Min 13 130 2 Min 54 180 2 Min 06
B	1442 (474)	1450 (480)		1200	1500	1614 (646)	1620 (650)	1600			
C	1442 (474)	1450 (480)		1200	2000	1726 (758)	1730 (760)	2400			
D	1442 (474)	1450 (480)		1600	2000	1726 (758)	1730 (760)	3600			

Notes :

- (1) With approach line (2) Without approach line
- (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL

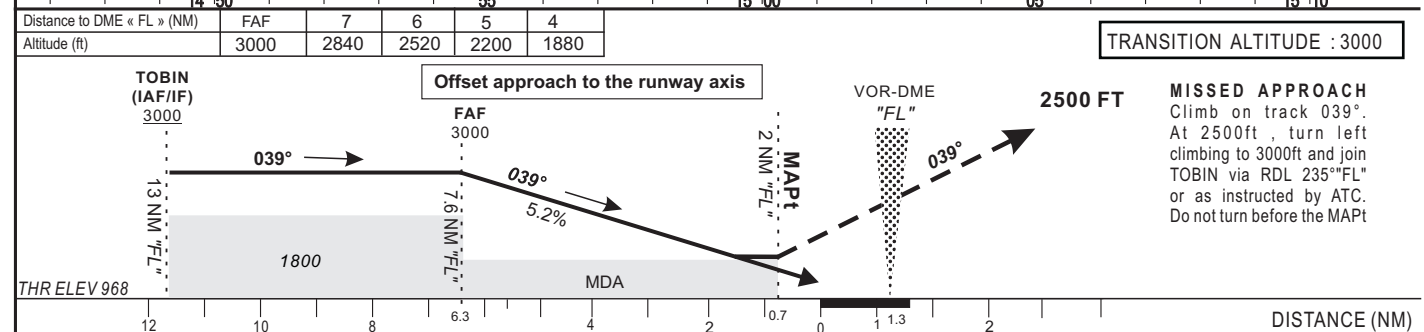
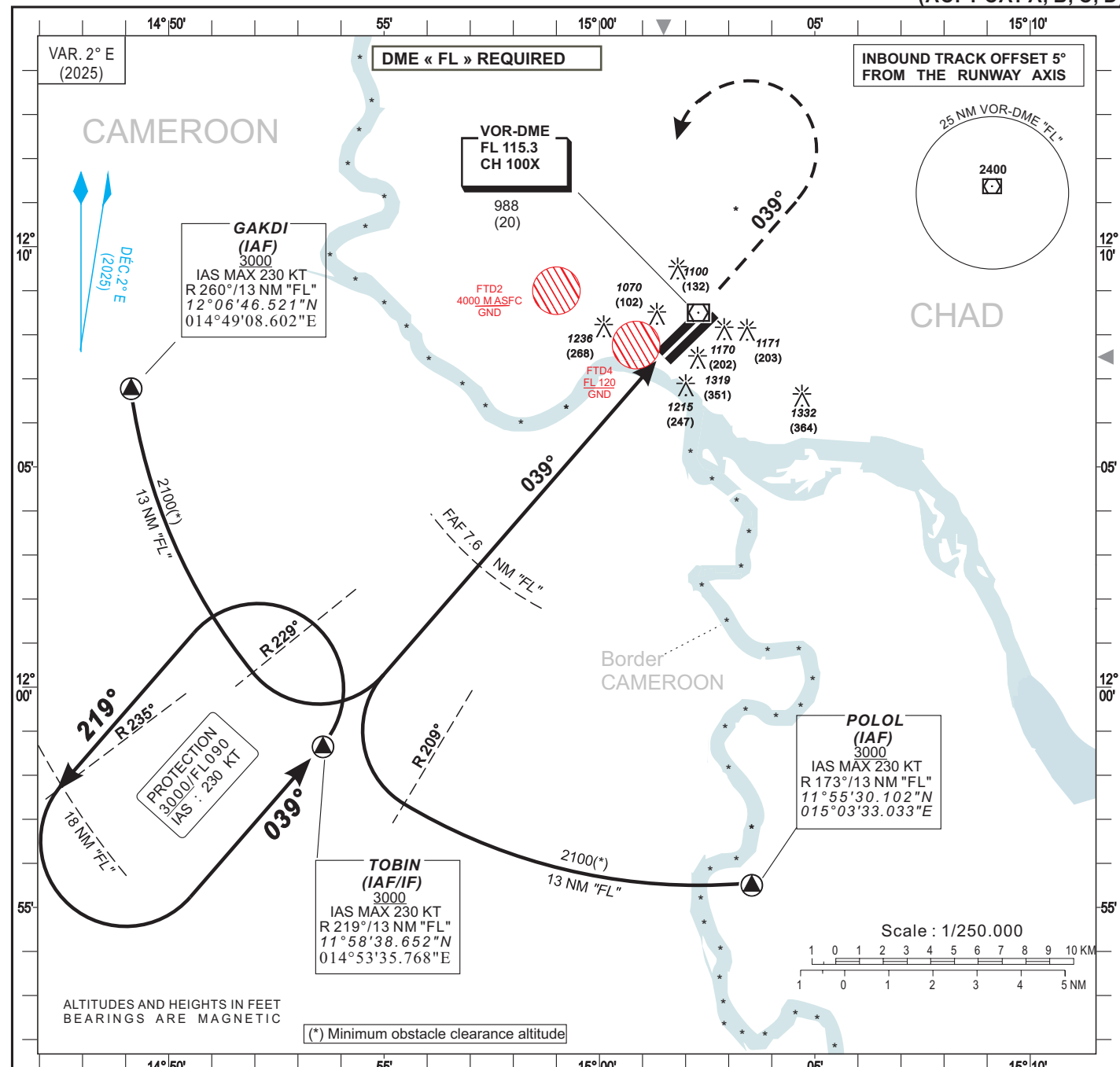
**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 04 ELEV : 968

APP : 128.1
TWR : 119.7

HEIGHTS RELATED TO THR RWY 04 ELEVATION

N'DJAMENA (FTTJ)
VOR Z RWY 04
IDENT VOR « FL » FREQ 115.3
(ACFT CAT A, B, C, D)



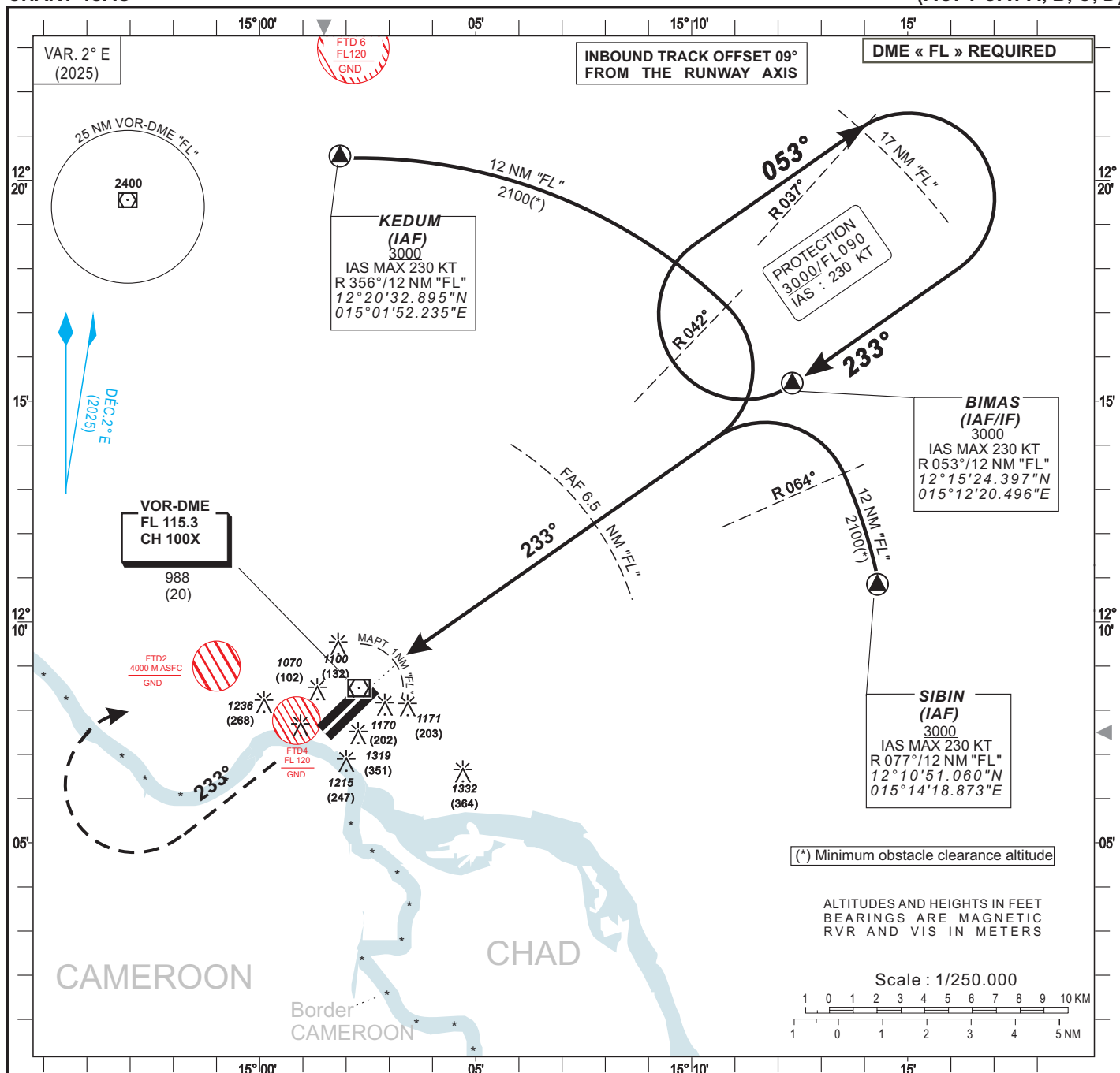
NEW EDITION	CAT	VOR-DME				CIRCLING (3)						RVR FOR TAKE-OFF : CAT A - B - C-D: 400				
		OCA (OCH)	MDA	MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA	MDH	VH						
	A	1534 (566)	1540 (570)	1000	1500	1614 (646)	1620 (650)	1500								
	B	1534 (566)	1540 (570)	1200	1500	1614 (646)	1620 (650)	1600								
	C	1534 (566)	1540 (570)	1200	2000	1726 (758)	1730 (760)	2400								
	D	1534 (566)	1540 (570)	1600	2000	1726 (758)	1730 (760)	3600								
	Notes : - (1) With approach line - (2) Without approach line - (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL											- RDH : 15 m - RVR AND VIS IN METERS				
											Timing FAF / THR 6.3 NM					
											KT	MIN	SEC	KT	MIN	SEC
											90	4	Min 12	140	2	Min 42
											100	3	Min 47	150	2	Min 31
											110	3	Min 26	160	2	Min 22
											120	3	Min 09	170	2	Min 13
											130	2	Min 54	180	2	Min 06

**INSTRUMENT
APPROACH
CHART- ICAO**

AERODROME ELEV : 968
THR RWY 22 ELEV : 968

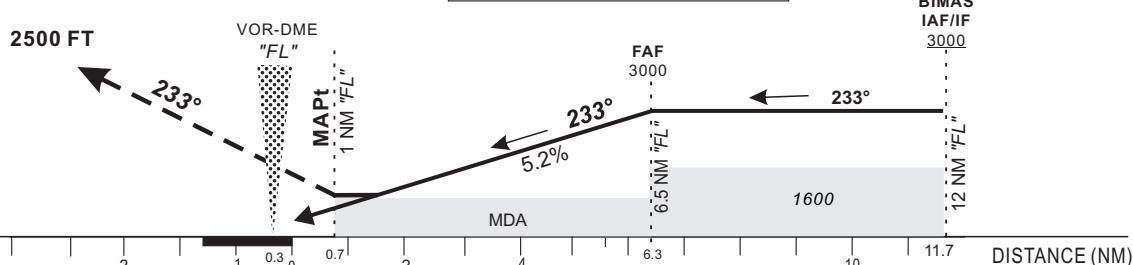
APP : 128.1
TWR : 119.7

N'DJAMENA (FTTJ)
VOR Z RWY 22
IDENT VOR « FL » FREQ 115.3
(ACFT CAT A, B, C, D)



Distance to DME « FL » (NM)	FAF	7	6	5	4	3	Offset approach to the runway axis	TRANSITION ALTITUDE : 3000
Altitude (ft)	3000	2840	2520	2200	1880	1250		

MISSED APPROACH
Climb on track 233°. At 2500ft, turn right climbing to 3000ft and join BIMAS via RDL 037°FL or as instructed by ATC. Do not turn before the MAPt



CAT	VOR-DME				CIRCLING (3)						RVR FOR TAKE-OFF : CATA - B - C-D: 400					
	OCA (OCH)	MDA MDH	RVR(1)	RVR(2)	OCA (OCH)	MDA MDH	VH									
A	1398 (430)	1400 (430)	900	1500	1614 (646)	1620 (650)	1500				Timing FAF / THR 6.3 NM					
B	1398 (430)	1400 (430)	1000	1500	1614 (646)	1620 (650)	1600									
C	1398 (430)	1400 (430)	1000	1800	1726 (758)	1730 (760)	2400				KT	MIN	SEC	KT	MIN	SEC
D	1398 (430)	1400 (430)	1400	2000	1726 (758)	1730 (760)	3600				90	4 Min	12	140	2 Min	42

Notes :

- (1) With approach line
- (2) Without approach line
- (3) Circling in the North-West of the aerodrome and in daytime only, OCH and MDH AAL

RVR FOR TAKE-OFF : CATA - B - C-D: 400					
Timing		FAF / THR 6.3 NM			
KT	MIN	SEC	KT	MIN	SEC
90	4	Min 12	140	2	Min 42
100	3	Min 47	150	2	Min 31
110	3	Min 26	160	2	Min 22
120	3	Min 09	170	2	Min 13
130	2	Min 54	180	2	Min 06