STAR VOR

ATC DISCRETION (PLANNED ONLY FOR ACFT NOT RNAV EQUIPPED)

RWY 08

CATANIA/FONTANAROSSA

TRANSITION ALT 7000

FREQUENCIES

APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675

NASOM Holding Proc.

081° 5000 261°

IAS MAX 210KT

GIGIX Holding Proc.

083° 5500 263°

CHANGE: REMARK BOX UPDATED

DME REQUIRED

SECTOR A1 BIS

SECTOR A2 BIS

DVOR/DME Reggio Calabria RCA 111.00 Ch 47X 38° 04'36"N 015° 38'43"E 26m

REGGIO C. CTR Zone 3 FL 115 3000 FT AMSL D

REGGIO C. CTR Zone 1 3000 FT AMSL SFC D

REGGIO C. CTR Zone 2 6500 FT AMSL 3000 FT AMSL D

REGGIO C. CTR Zone

SECTOR D2

SECTOR D1

CATANIA CTR Zone 4 FL 195 4500 FT AMSL D

SECTOR C3

SECTOR C2

SECTOR C1

SECTOR C1 BIS

SECTOR D3

SECTOR A1

SECTOR A2

SECTOR A3

SECTOR A3 BIS

SECTOR B1

SECTOR B2

SECTOR B3

CATANIA CTR Zone 5 FL 195 FL 130 D

CATANIA CTR Zone 1 3500 FT AMSL SFC D

CATANIA CTR Zone 3 FL 195 3500 FT AMSL D

CATANIA CTR Zone 2 3500 FT AMSL SFC D

CATANIA CTR Zone 6 FL 195 2500 FT AMSL D

CATANIA CTR Zone 7 FL 115 6500FT AMSL D

P 1 FL 195 SFC

P 31 FL 195 SFC

R500 FL 600 4000ft AGL

D 75 FL 240 5000 ft AMSL

D 44 3000 ft AMSL SFC

NOV 18

UXUTA

LIBRO

NASOM

GIGIX

NELDA

NATOV D15 RCA

DIVAR D22 D24 RCA

PEKOD D23 RCA

INDAX D11 CTF

PIMOR D39 CTF

VUSME

DME Catania/Fontanarossa CTN Ch 36X 37° 27'52"N 015° 03'30"E 13m

VOR/DME Catania/Fontanarossa CTF 116.25 Ch 109Y 37° 27'52"N 015° 03'44"E 14m

ARC DME 21 CTF

105° MEA 6000 LIBRO 2F LIBRO 2G

<210° MEA 7000 NATOV 2G NATOV 2F DIVAR 2G DIVAR 2F

<257° MEA 6000

<263° MEA 5500 (1)

<261° MEA 5000

039°>25 MEA 6000 NELDA 2F NELDA 2G

<285° MEL FL110 VUSME 1F/1G

PIMOR 2G PIMOR 2F

MEL 130 UXUTA 1F UXUTA 1G

MEL 140

R 309 CTF R 325 CTF R 285 CTF R 254 CTF R 252 CTF R 272 CTF R270 CTF R263 R261 R 219 CTF R 225 CTF R 105 CTF R/083 CTF R030 CTF R077 CTF

MEA 5500 MEA 6000 MEA7000

SCALE 1:750.000

0 15 NM

0 15 Km

REMARK: Minimum levels provide at least 1000 ft terrain clearance with pressure values equal or higher than 960 Hpa

(1) RMK: MEA 5000 for: NELDA 2F,UXUTA 1F, LIBRO 2F.

AIRSPACE CLASSIFICATION

SEE AIP ENR 1.4

MNM SECT ALT CTF VOR

13300 120 230 2400 330 5800

LEGEND

STAR ATC DISCRETION

Not to Scale

For operational limitations in case of volcanic ash cloud see AD 2 LICC 1–1 tab 23 and ENR 2.1.2 CATANIA CTR

UXUTA 1G
UXUTA – TR 145° (RDL 325 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

UXUTA 1G
UXUTA – TR 145° (RDL 325 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEL/MEA: UXUTA – INT ARC 21 NM CTF DME/RDL 309 CFT VOR: FL 130; INT ARC 21 NM CTF DME/RDL 309 CFT VOR – GIGIX: 5500 FT

UXUTA 1F
UXUTA – TR 145° (RDL 325 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 270 CTF VOR virare a sinistra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) per il punto NASOM.

UXUTA 1F
UXUTA – TR 145° (RDL 325 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 270 CTF VOR turn left until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEL/MEA: UXUTA – INT ARC 21 NM CTF DME/RDL 309 CFT VOR: FL 130; INT ARC 21 NM CTF DME/RDL 309 CFT VOR – NASOM: 5000 FT

LIBRO 2G
LIBRO – TR 105° (RDL 285 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

LIBRO 2G
LIBRO – TR 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – GIGIX: 5500 FT

LIBRO 2F
LIBRO – TR 105° (RDL 285 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 270 CTF VOR virare a sinistra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) per il punto NASOM.

LIBRO 2F
LIBRO – TR 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 270 CTF VOR turn left until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – NASOM: 5000 FT

NELDA 2G
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 254 CTF VOR virare a destra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

NELDA 2G
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 254 CTF VOR turn right until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR – GIGIX: 5500 FT

NELDA 2F
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 252 CTF VOR virare a destra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) per il punto NASOM.

NELDA 2F
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 252 CTF VOR turn right until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR – NASOM: 5000 FT

VUSME 1G
VUSME – TR 285° (RDL 105 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME; intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX, quindi CTF VOR/DME da lasciare su RDL 263 CTF VOR (TR 263°) per il punto GIGIX.

VUSME 1G
VUSME- TR 285° (RDL 105 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME; intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR/DME to be left on RDL 263 CTF VOR (TR 263°) bound to GIGIX.

MEL/MEA: VUSME – RDL 105/23 NM CTF VOR/DME: FL 110; RDL 105/23 NM CTF VOR/DME – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – GIGIX: 5500 FT

VUSME 1F
VUSME – TR 285° (RDL 105 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME; intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX, quindi CTF VOR/DME da lasciare su RDL 261 CTF VOR (TR 261°) per il punto NASOM

VUSME 1F
VUSME- TR 285 (RDL 105 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME; intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR/DME to be left on RDL 261 CTF VOR (TR 261°) bound to NASOM.

MEL/MEA: VUSME – RDL 105/23 NM CTF VOR/DME: FL 110; RDL 105/23 NM CTF VOR/DME – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – NASOM: 5000 **FT**

PIMOR 2G
PIMOR – TR 257° (RDL 077 CTF VOR) – INDAX – CTF VOR/DME – TR 263° (RDL 263 CTF VOR) – GIGIX.

PIMOR 2G
PIMOR – TR 257° (RDL 077 CTF VOR) – INDAX – CTF VOR/DME – TR 263° (RDL 263 CTF VOR) – GIGIX.

MEA: PIMOR – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – GIGIX: 5500 FT

PIMOR 2F
PIMOR – TR 257° (RDL 077 CTF VOR) – INDAX – CTF VOR/DME – TR 261° (RDL 261 CTF VOR) – NASOM.

PIMOR 2F
PIMOR – TR 257° (RDL 077 CTF VOR) – INDAX – CTF VOR/DME – TR 261° (RDL 261 CTF VOR) – NASOM.

MEA: PIMOR – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – NASOM: 5000 FT

NATOV 2G
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) fino a 35 NM RCA DME, quindi virare a destra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX, quindi CTF VOR/DME da lasciare su RDL 263 CTF VOR (TR 263°) per il punto GIGIX.

NATOV 2G
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) until 35 NM RCA DME, then turn right until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR/DME to be left on RDL 263 CTF VOR (TR 263°) bound to GIGIX.

MEA: NATOV – RDL 199/30 NM RCA VOR/DME: 7000 FT; RDL 199/30 NM RCA VOR/DME – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – GIGIX: 5500 FT

NATOV 2F
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) fino a 35 NM RCA DME, quindi virare a destra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX, quindi CTF VOR/DME da lasciare su RDL 261 CTF VOR (TR 261°) per il punto NASOM.

NATOV 2F
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) until 35 NM RCA DME, then turn right until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR/DME to be left on RDL 261 CTF VOR (TR 261°) bound to NASOM.

MEA: NATOV – RDL 199/30 NM RCA VOR/DME: 7000 FT; RDL 199/30 NM RCA VOR/DME – INDAX – CTF VOR/DME: 6000 FT; CTF VOR/DME – NASOM: 5000 FT

DIVAR 2G (A discrezione ATC)
DIVAR – TR 210° (RDL 030 CTF VOR) fino a CTF VOR/DME, da lasciare su RDL 263 CTF VOR (TR 263°) per il punto GIGIX.

DIVAR 2G (ATC discretion)
DIVAR – TR 210° (RDL 030 CTF VOR) bound to CTF VOR/DME, to be left on RDL 263 CTF VOR (TR 263°) bound to GIGIX.

MEL/MEA: DIVAR – CTF VOR/DME: FL 140; CTF VOR/DME – GIGIX: 5500 FT

DIVAR 2F (A discrezione ATC)
DIVAR – TR 210° (RDL 030 CTF VOR) fino a CTF VOR/DME, da lasciare su RDL 261 CTF VOR (TR 261°) per il punto NASOM.

DIVAR2F (ATC discretion)
DIVAR – TR 210° (RDL 030 CTF VOR) bound to CTF VOR/DME, to be left on RDL 261 CTF VOR (TR 261°) bound to NASOM.

MEL/MEA: DIVAR – CTF VOR/DME: FL 140; CTF VOR/DME – NASOM: 5000 FT

NOTA GENERALE (riferita a tutte le STAR)

Tutte le distanze dal DME CTF devono essere considerate anche distanze dal DME CTN.

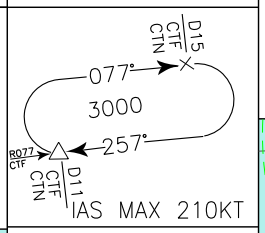
GENERAL REMARK (for all STAR)

All CTF DME distances are to be to intended CTN DME distances also.

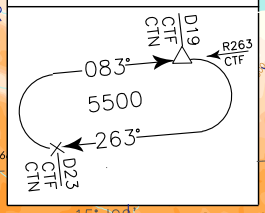
CHANGE: REMARK BOX UPDATED

FREQUENCIES		
APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675

INDAX Holding Proc.



GIGIX Holding Proc.



STAR VOR

ATC DISCRETION (PLANNED ONLY FOR ACFT NOT RNAV EQUIPPED)

RWY 26

CATANIA/FONTANAROSSA

TRANSITION ALT 7000

DME REQUIRED

SECTOR D2 · SECTOR D3 · SECTOR A1 BIS · SECTOR A2 BIS · SECTOR A1 · SECTOR A2 · SECTOR A3 · SECTOR A3 BIS · SECTOR B1 · SECTOR B2 · SECTOR B3 · SECTOR C1 · SECTOR C1 BIS · SECTOR C2 · SECTOR C3 · SECTOR D1

REGGIO C. CTR Zone 3 FL 115 3000 FT AMSL D

REGGIO C. CTR Zone 1 3000 FT AMSL SFC D

REGGIO C. CTR Zone 2 6500 FT AMSL 3000 FT AMSL D

REGGIO C. CTR Zone

CATANIA CTR Zone 4 FL 195 4500 FT AMSL D

CATANIA CTR Zone 5 FL 195 FL 130 D

CATANIA CTR Zone 7 FL 115 6500FT AMSL D

CATANIA CTR Zone 1 3500 FT AMSL SFC D

CATANIA CTR Zone 6 FL 195 2500 FT AMSL D

CATANIA CTR Zone 3 FL 195 3500 FT AMSL D

CATANIA CTR Zone 2 3500 FT AMSL SFC D

DVOR/DME *Reggio Calabria* RCA 111.00 *Ch 47X* 38° 04'36"N 015° 38'43"E 26m

DME *Catania/Fontanarossa* CTN *Ch 36X* 37° 27'52"N 015° 03'30"E 13m

VOR/DME *Catania/Fontanarossa* CTF 116.25 *Ch 109Y* 37° 27'52"N 015° 03'44"E 14m

NOV 18 · UXUTA · NATOV · PEKOD · LIBRO · GIGIX · INDAX · PIMOR · VUSME · NELDA

D 44 3000 ft AMSL SFC

D 75 FL 240 3000 ft AMSL

P 1 FL 195 SFC

P 31 FL 195 SFC

R500 FL 600 4000ft AGL

4000 ft AMSL SFC

R38

SCALE 1:750.000

0 15 NM

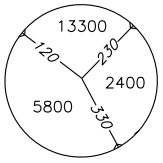
0 15 Km

REMARK: Minimum levels provide at least 1000 ft terrain clearance with pressure values equal or higher than 960 Hpa

AIRSPACE CLASSIFICATION

SEE AIP ENR 1.4

MNM SECT ALT VOR CTF



LEGEND

STAR ATC DISCRETION

Not to Scale

For operational limitations in case of volcanic ash cloud see AD 2 LICC 1–1 tab 23 and ENR 2.1.2 CATANIA CTR

UXUTA 1M
UXUTA – TR 145° (RDL 325 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX. Quindi CTF VOR da lasciare su RDL 077 CTF VOR (TR 077°) per il punto INDAX.

UXUTA 1M
UXUTA – TR 145° (RDL 325 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX. Then CTF VOR to be left on RDL 077 CTF VOR (TR 077°) bound to INDAX.

MEL/MEA: UXUTA – INT ARC 21 NM CTF DME/RDL 309 CFT VOR: FL 130; INT ARC 21 NM CTF DME/RDL 309 CFT VOR – RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR/DME – CTF VOR/DME: 4000 FT; CTF VOR/DME – INDAX: 3000 FT

LIBRO 3M
LIBRO – TR 105° (RDL 285 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX. Quindi CTF VOR da lasciare su RDL 077 CTF VOR (TR 077°) per il punto INDAX.

LIBRO 3M
LIBRO – TR 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX. Then CTF VOR to be left on RDL 077 CTF VOR (TR 077°) bound to INDAX.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR/DME – CTF VOR/DME: 4000 FT; CTF VOR/DME – INDAX: 3000 FT

NELDA 3M
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 254 CTF VOR virare a destra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX. Quindi CTF VOR da lasciare su RDL 077 CTF VOR (TR 077°) per il punto INDAX.

NELDA 3M
ELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 254 CTF VOR turn right until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX. Then CTF VOR to be left on RDL 077 CTF VOR (TR 077°) bound to INDAX.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR – RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR/DME – CTF VOR/DME: 4000 FT; CTF VOR/DME – INDAX: 3000 FT

VUSME 1M
VUSME – TR 285° (RDL 105 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME; intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX.

VUSME 1M
VUSME- TR 285° (RDL 105 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME; intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX.

MEL/MEA: VUSME – RDL 105/23 NM CTF VOR/DME: FL 110; RDL 105/23 NM CTF VOR/DME – INT ARC 21 NM CTF DME/RDL 083 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 082 CTF VOR – INDAX: 3000 FT

PIMOR 2M
PIMOR – TR 257° (RDL 077 CTF VOR) fino al punto INDAX.

PIMOR 2M
PIMOR – TR 257° (RDL 077 CTF VOR) bound to INDAX.

MEA: PIMOR – INDAX: 3000 FT

NATOV 2M
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) fino a 35 NM RCA DME, quindi virare a destra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) per il punto INDAX.

NATOV 2M
NATOV - PEKOD – TR 199° (RDL 199 RCA VOR) until 35 NM RCA DME, then turn right until joining RDL 077 CTF VOR (TR 257°) bound to INDAX.

MEA: NATOV – RDL 199/30 NM RCA VOR/DME: 7000 FT; RDL 199/30 NM RCA VOR/DME – INDAX: 3000 FT

NOTA GENERALE (riferita a tutte le STAR)

Tutte le distanze dal DME CTF devono essere considerate anche distanze dal DME CTN.

GENERAL REMARK (for all STAR)

All CTF DME distances are to be to intended CTN DME distances also.

Intenzionalmente bianca

Intentionally left blank

STAR VOR RWY 08/26

ATC DISCRETION (PLANNED ONLY FOR ACFT NOT RNAV EQUIPPED)

CATANIA/FONTANAROSSA

TRANSITION ALT 7000

FREQUENCIES

APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675

For operational limitations in case of volcanic ash cloud see AD 2 LICC 1–1 tab 23 and ENR 2.1.2 CATANIA CTR

CTF VOR Holding Procedure RWY 08

265° 4000 085°

Holding Procedure RWY 26

CTF VOR

090° 6000 270°

GIGIX Holding procedure

083° 5500 263°

INDAX Holding procedure

077° 3000 257°

IAS MAX 210KT

CHANGE: CTF NDB COMPLETELY WITHDRAWN

SCALE 1:750.000

0 15 NM

0 15 Km

REMARK: Minimum levels provide at least 1000 ft terrain clearance with pressure values equal or higher than 960 Hpa

AIRSPACE CLASSIFICATION

SEE AIP ENR 1.4

MNM SECT ALT

VOR CTF

13300 120 230 2400 330 5800

LEGEND

STAR ATC DISCRETION

Not to Scale

UXUTA 1L
UXUTA – TR 145° (RDL 325 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX, quindi CTF VOR.

UXUTA 1L
UXUTA – TR 145° (RDL 325 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX, then CTF VOR.

MEL/MEA: UXUTA – INT ARC 21 NM CTF DME/RDL 309 CTF VOR: FL 130; INT ARC 21 NM CTF DME/RDL 309 CTF VOR – RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR/DME – CTF VOR/DME: 4000 FT

LIBRO 2L
LIBRO – TR 105° (RDL CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX quindi CTF VOR.

LIBRO 2L
LIBRO – TR 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX, then CTF VOR.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR//DME – CTF VOR//DME: 4000 FT

NELDA 2L
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 254 CTF VOR virare a destra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX, quindi CTF VOR.

NELDA 2L
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 254 CTF VOR turn right until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX, then CTF VOR.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR– RDL 263/11 NM CTF VOR/DME: 5500 FT; RDL 263/11 NM CTF VOR/DME – CTF VOR/DME: 4000 FT

VUSME 1L
VUSME – TR 285° (RDL 105 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME; intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) fino al punto INDAX, quindi CTF VOR.

VUSME 1L
VUSME- TR 285° (RDL 105 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME; intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR.

MEL/MEA: VUSME – RDL 105/23 NM CTF VOR /DME: FL 110; RDL 105/23 NM CTF VOR/DME – INT ARC 21 NM CTF DME/RDL 083 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 083 CTF VOR – CTF VOR/DME: 4000 FT

PIMOR 2L
PIMOR – TR 257° (RDL 077 CTF VOR) fino a INDAX quindi CTF VOR/DME.

PIMOR 2L
PIMOR – TR 257° (RDL 077 CTF VOR) until INDAX – then CTF VOR/DME.

MEA: PIMOR – INDAX – CTF CTF VOR/DME: 4000 FT

NATOV 2L
NATOV fino a PEKOD quindi TR 199° (RDL 199 RCA VOR) fino a 35 NM RCA DME, quindi virare a destra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) per il punto INDAX, quindi CTF VOR/DME.

NATOV 2L
NATOV until PEKOD then TR 199° (RDL 199 RCA VOR) until 35 NM RCA DME, then turn right until joining RDL 077 CTF VOR (TR 257°) bound to INDAX, then CTF VOR/DME.

MEA: NATOV – RDL 199/30 NM RCA VOR/DME: 7000 FT; RDL 199/30 NM RCA VOR/DME – CTF VOR/DME: 4000 FT

DIVAR 2L (A discrezione ATC)
DIVAR – TR 210° (RDL 030 CTF VOR) – CTF VOR/DME.

DIVAR 2L (ATC discretion)
DIVAR – TR 210° (RDL 030 CTF VOR) – CTF VOR//DME.

MEL: DIVAR – CTF VOR/DME: FL 140

NOTA GENERALE (riferita a tutte le STAR)

Tutte le distanze dal DME CTF devono essere considerate anche distanze dal DME CTN

GENERAL REMARK (for all STAR)

All CTF DME distances are to be to intended CTN DME distances also

Intenzionalmente bianca

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STAR RWY 08/26

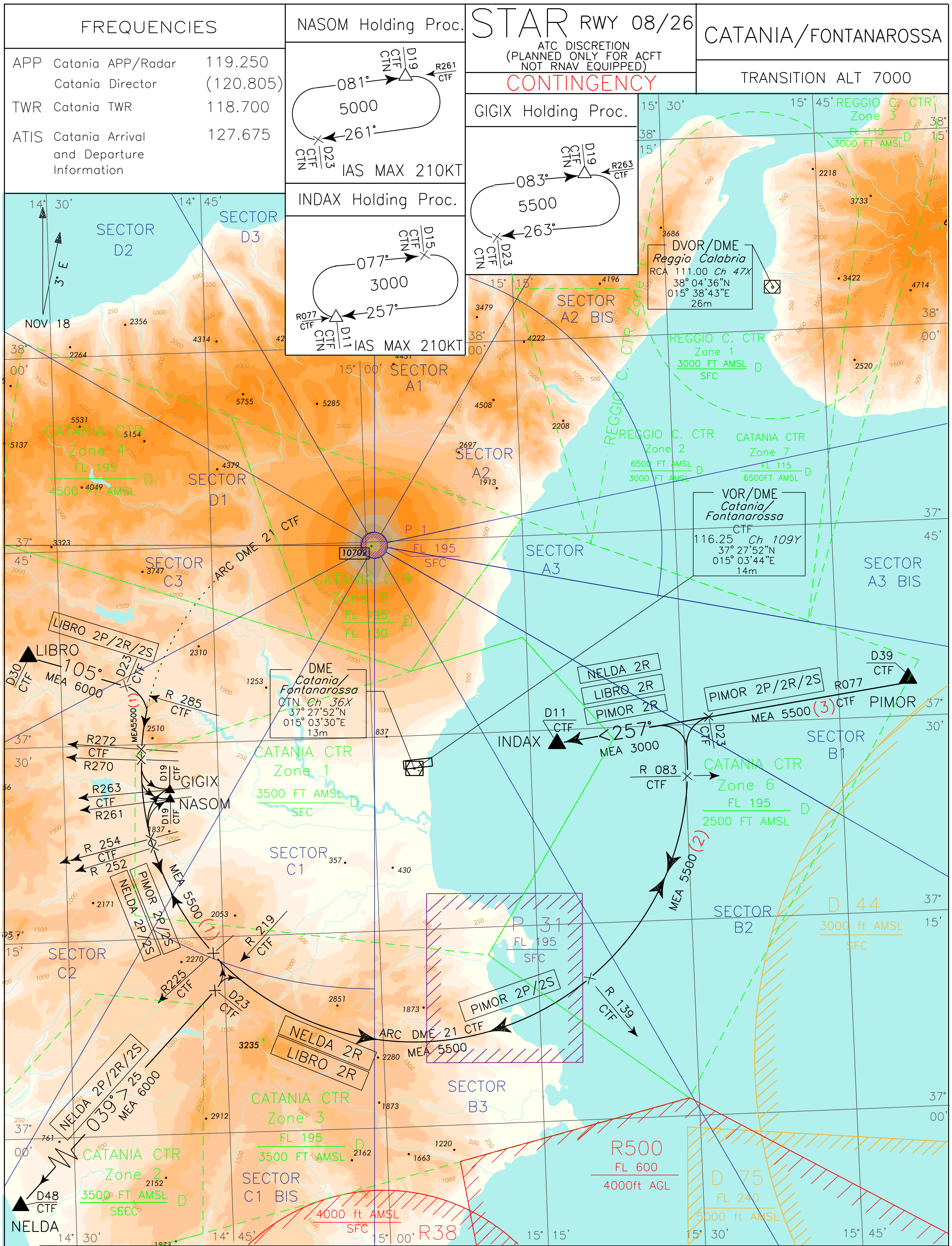
ATC DISCRETION
(PLANNED ONLY FOR ACFT NOT RNAV EQUIPPED)
CONTINGENCY

CATANIA/FONTANAROSSA

TRANSITION ALT 7000

FREQUENCIES

APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675



SCALE 1:750.000
0 – 15 NM
0 – 15 – Km

REMARK: Minimum levels provide at least 1000 ft terrain clearance with pressure values equal or higher than 960 Hpa

(1) MEA 5000 for: LIBRO 2S, NELDA 2S and PIMOR 2S.

(2) MEA 3000 for: LIBRO 2R and NELDA 2R.

(3) MEA 3000 for: PIMOR 2R only.

AIRSPACE CLASSIFICATION

SEE AIP ENR 1.4

MNM SECT ALT

VOR CTF

13300 (120–230), 2400 (230–330), 5800 (330–120)

LEGEND

STAR ATC DISCRETION

Not to Scale

For operational limitations in case of volcanic ash cloud see AD 2 LICC 1–1 tab 23 and ENR 2.1.2 CATANIA CTR

LIBRO 2P
LIBRO – TR 105° (RDL 285 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 272 CTF VOR virare a sinistra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

LIBRO 2P
LIBRO – TR 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 272 CTF VOR turn left until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – GIGIX: 5500 FT

LIBRO 2S
LIBRO – TR 105° (RDL 285 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 270 CTF VOR virare a sinistra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) per il punto NASOM.

LIBRO 2S
LIBRO – 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 270 CTF VOR turn left until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – NASOM: 5000 FT

LIBRO 2R
LIBRO – TR 105° (RDL 285 CTF VOR)) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) per il punto INDAX.

LIBRO 2R
LIBRO – 105° (RDL 285 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX.

MEA: LIBRO – RDL 285/23 NM CTF VOR/DME: 6000 FT; RDL 285/23 NM CTF VOR/DME – INT ARC 21 NM CTF DME/RDL 139 CTF VOR: 5500 FT; INT ARC 21 NM CTF DME/RDL 139 CTF VOR – INDAX: 3000 FT

NELDA 2P
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 254 CTF VOR virare a destra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

NELDA 2P
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 254 CTF VOR turn right until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR – GIGIX: 5500 FT

NELDA 2S
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 252 CTF VOR virare a destra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) per il punto NASOM.

NELDA 2S
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 252 CTF VOR turn right until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEA: NELDA – INT ARC 21 NM CTF DME/RDL 225 CTF VOR: 6000 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR- NASOM: 5000 FT

NELDA 2R
NELDA – TR 039° (RDL 219 CTF VOR) fino a 23 NM CTF DME, quindi virare a destra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 083 CTF VOR virare a sinistra fino a intercettare e seguire RDL 077 CTF VOR (TR 257°) per il punto INDAX.

NELDA 2R
NELDA – TR 039° (RDL 219 CTF VOR) until 23 NM CTF DME, then turn right until joining ARC 21 NM CTF DME, then intercepting RDL 083 CTF VOR turn left until joining RDL 077 CTF VOR (TR 257°) bound to INDAX.

MEA: NELDA – RDL 219/23 NM CTF VOR/DME: 6000 FT; RDL 219/23 NM CTF VOR/DME – INT ARC 21 NM CTF DME/RDL 139 CTF VOR: 5500 FT; INT ARC 21 NM CTF DME/RDL 139 CTF VOR – INDAX: 3000 FT

PIMOR 2P
PIMOR – TR 257° (RDL 077 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 254 CTF VOR virare a destra fino a intercettare e seguire RDL 263 CTF VOR (TR 083°) per il punto GIGIX.

PIMOR 2P
PIMOR – TR 257° (RDL 077 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 254 CTF VOR turn right until joining RDL 263 CTF VOR (TR 083°) bound to GIGIX.

MEA: PIMOR – GIGIX: 5500 FT

PIMOR 2S
PIMOR – TR 257° (RDL 077 CTF VOR) fino a 23 NM CTF DME, quindi virare a sinistra fino a intercettare e seguire ARC 21 NM CTF DME, quindi intercettando RDL 252 CTF VOR virare a destra fino a intercettare e seguire RDL 261 CTF VOR (TR 081°) fino al punto NASOM.

PIMOR 2S
PIMOR – TR 257° (RDL 077 CTF VOR) until 23 NM CTF DME, then turn left until joining ARC 21 NM CTF DME, then intercepting RDL 252 CTF VOR turn right until joining RDL 261 CTF VOR (TR 081°) bound to NASOM.

MEA: PIMOR – INT ARC 21 NM CTF DME/RDL 225 CTF VOR :5500 FT; INT ARC 21 NM CTF DME/RDL 225 CTF VOR-NASOM: 5000 FT

PIMOR 2R
PIMOR- TR 257" (RDL 077 CTF VOR) fino a INDAX.

PIMOR 2R
PIMOR- TR 257" (RDL 077 CTF VOR) until INDAX.

MEA: PIMOR -INDAX: 3000 FT

NOTA GENERALE (riferita a tutte le STAR)

Tutte le distanze dal DME CTF devono essere considerate anche distanze dal DME CTN

GENERAL REMARK (forali STAR)

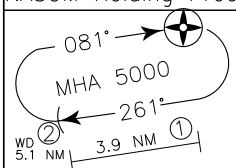
Ali CTF DME distances are to be to intended CTN DME distances also

STAR RNAV1 RWY 08

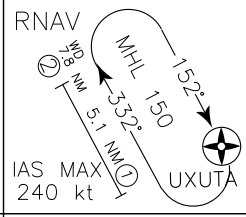
CATANIA/FONTANAROSSA

TRANSITION ALT 7000

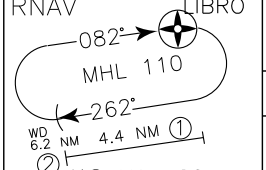
NASOM Holding Proc.



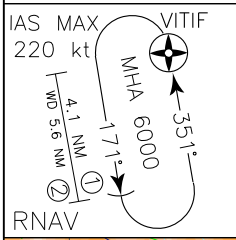
UXUTA Holding Proc.



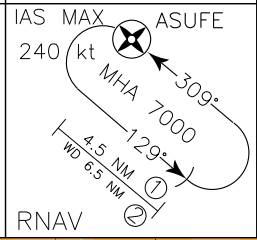
LIBRO Holding Proc.



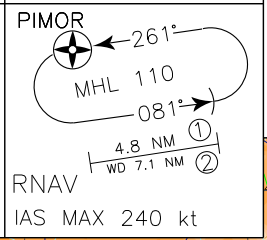
VITIF Holding Proc.



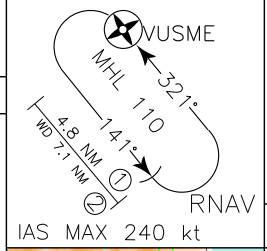
ASUFE Holding Proc.



PIMOR Holding Proc.



VUSME Holding Proc.



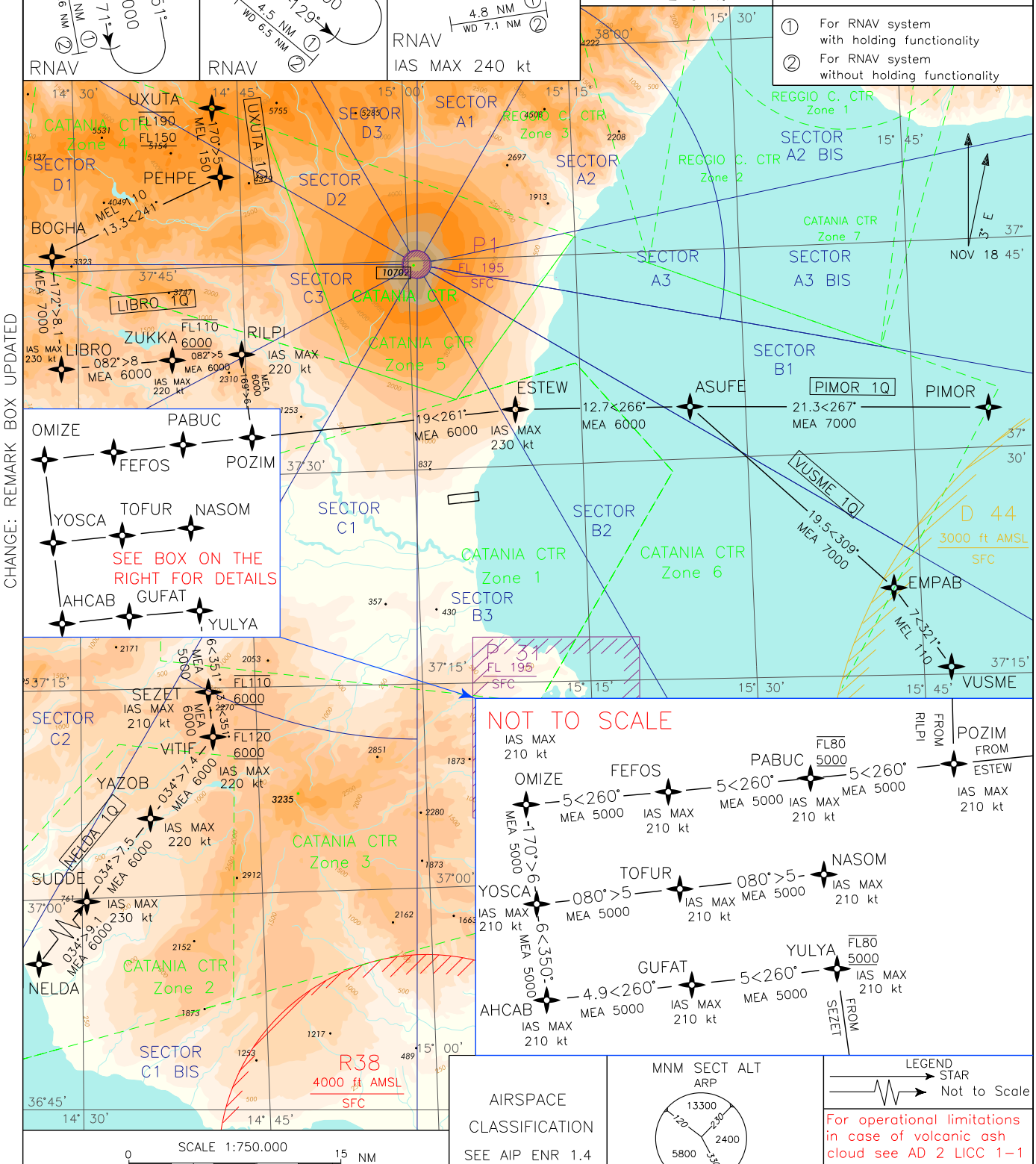
FREQUENCIES

APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675

REMARKS

① For RNAV system with holding functionality

② For RNAV system without holding functionality



CATANIA FONTANAROSSA STAR RNAV 1

RWY 08

UXUTA 1Q

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	UXUTA						-FL190 +FL150		RNAV 1
TF	PEHPE		170°(172.9°)	3	5.0		+FL150		RNAV 1
TF	BOGHA		241°(244.4°)	3	13.3		+FL110		RNAV 1
TF	LIBRO		172°(175.0°)	3	8.1		+7000	230	RNAV 1
TF	ZUKKA		082°(085.0°)	3	8.0	L	-FL110 +6000	220	RNAV 1
TF	RILPI		082°(085.1°)	3	5.0		+6000	220	RNAV 1
TF	POZIM		169°(172.6°)	3	6.0		+6000	210	RNAV 1
TF	PABUC		260°(263.7°)	3	5.0	R	-FL80 +5000	210	RNAV 1
TF	FEFOS		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	OMIZE		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	YOSCA		170°(173.6°)	3	6.0	L	+5000	210	RNAV 1
TF	TOFUR		080°(083.7°)	3	5.0	L	+5000	210	RNAV 1
TF	NASOM		080°(083.8°)	3	5.0		+5000	210	RNAV 1

LIBRO 1Q

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	LIBRO						+FL110		RNAV 1
TF	ZUKKA		082°(085.0°)	3	8.0		-FL110 +6000	220	RNAV 1
TF	RILPI		082°(085.1°)	3	5.0		+6000	220	RNAV 1
TF	POZIM		169°(172.6°)	3	6.0		+6000	210	RNAV 1
TF	PABUC		260°(263.7°)	3	5.0	R	-FL80 +5000	210	RNAV 1
TF	FEFOS		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	OMIZE		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	YOSCA		170°(173.6°)	3	6.0	L	+5000	210	RNAV 1
TF	TOFUR		080°(083.7°)	3	5.0	L	+5000	210	RNAV 1
TF	NASOM		080°(083.8°)	3	5.0		+5000	210	RNAV 1

NELDA 1Q

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	NELDA						+6000		RNAV 1
TF	SUDDE		034°(037.2°)	3	9.1		+6000	230	RNAV 1
TF	YAZOB		034°(037.2°)	3	7.5		+6000	220	RNAV 1
TF	VITIF		034°(037.3°)	3	7.4		-FL120 +6000	220	RNAV 1
TF	SEZET		351°(353.8°)	3	3.1		-FL110 +6000	210	RNAV 1
TF	YULYA		351°(353.8°)	3	6.0		-FL80 +5000	210	RNAV 1
TF	GUFAT		260°(263.4°)	3	5.0	L	+5000	210	RNAV 1
TF	AHCAB		260°(263.6°)	3	4.9		+5000	210	RNAV 1
TF	YOSCA		350°(353.6°)	3	6.0	R	+5000	210	RNAV 1
TF	TOFUR		080°(083.7°)	3	5.0	R	+5000	210	RNAV 1
TF	NASOM		080°(083.8°)	3	5.0		+5000	210	RNAV 1

VUSME 1Q

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	VUSME						+FL110		RNAV 1
TF	EMPAB		321°(324.4°)	3	7.0		+FL110		RNAV 1
TF	ASUFE		309°(312.1°)	3	19.5		+7000		RNAV 1
TF	ESTEW		266°(268.9°)	3	12.7		+6000	230	RNAV 1
TF	POZIM		261°(263.8°)	3	19.0		+6000	210	RNAV 1
TF	PABUC		260°(263.7°)	3	5.0		-FL80 +5000	210	RNAV 1
TF	FEFOS		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	OMIZE		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	YOSCA		170°(173.6°)	3	6.0	L	+5000	210	RNAV 1
TF	TOFUR		080°(083.7°)	3	5.0	L	+5000	210	RNAV 1
TF	NASOM		080°(083.8°)	3	5.0		+5000	210	RNAV 1

PIMOR 1Q

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	PIMOR						+FL110		RNAV 1
TF	ASUFE		267°(270.4°)	3	21.3		+7000		RNAV 1
TF	ESTEW		266°(268.9°)	3	12.7		+6000	230	RNAV 1
TF	POZIM		261°(263.8°)	3	19.0		+6000	210	RNAV 1
TF	PABUC		260°(263.7°)	3	5.0		-FL80 +5000	210	RNAV 1
TF	FEFOS		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	OMIZE		260°(263.6°)	3	5.0		+5000	210	RNAV 1
TF	YOSCA		170°(173.6°)	3	6.0	L	+5000	210	RNAV 1
TF	TOFUR		080°(083.7°)	3	5.0	L	+5000	210	RNAV 1
TF	NASOM		080°(083.8°)	3	5.0		+5000	210	RNAV 1

RNAV HOLDING PATTERN

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Turn Direction	Altitude Constraint	Speed Limit KIAS	D (NM)*	WD (NM)**	TYPE
HM	UXUTA	152°(155.3°)	R	+FL150	240	5.1	7.8	RNAV1
HM	LIBRO	082°(085.2°)	R	+FL110	220	4.4	6.2	RNAV1
HM	VITIF	351°(354.2°)	L	+6000	220	4.1	5.6	RNAV1
HM	VUSME	321°(324.4°)	L	+FL110	240	4.8	7.1	RNAV1
HM	PIMOR	261°(264.4°)	L	+FL110	240	4.8	7.1	RNAV1
HM	ASUFE	309°(312.3°)	L	+7000	240	4.5	6.5	RNAV1
HM	NASOM	081°(084.2°)	R	+5000	210	3.9	5.1	RNAV1

NASOM HOLDING PATTERN (CONVENTIONAL)

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Leg Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Recommended Navaid	Bearing/ Range to Navaid
HM	NASOM	081°(084.1°)	4	R	+5000	210	CTF VOR DME	RDL 261/19NM

(*): For RNAV system with holding functionality.

(**): For RNAV system without holding functionality.

Waypoint Table Formatted according ARINC 424 standards STAR RNAV1 RWY 08

WAYPOINT	LATITUDE	LONGITUDE
UXUTA	N37560613	E014412453
PEHPE	N37510806	E014421105
BOGHA	N37452223	E014265944
LIBRO	N37371700	E014275300
ZUKKA	N37375842	E014375349
RILPI	N37382395	E014440981
POZIM	N37322627	E014450795
PABUC	N37315362	E014385364
FEFOS	N37312057	E014323865
OMIZE	N37304719	E014262376
YOSCA	N37244900	E014271420
TOFUR	N37252214	E014332652
NASOM	N37255500	E014393800
NELDA	N36514600	E014233400
SUDDE	N36590218	E014302532
YAZOB	N37050203	E014360593
VITIF	N37105500	E014414114
SEZET	N37140012	E014411587
YULYA	N37195877	E014402681
GUFAT	N37192465	E014341296
AHCAB	N37185162	E014280439
VUSME	N37155004	E015480623
ASUFE	N37344036	E015245057
ESTEW	N37342753	E015085352
PIMOR	N37342700	E015513800
EMPAB	N37213228	E015425939

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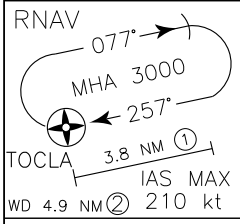
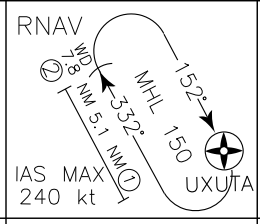
CHANGE: REMARK BOX UPDATED

STAR RNAV1 RWY 26 CATANIA/FONTANAROSSA

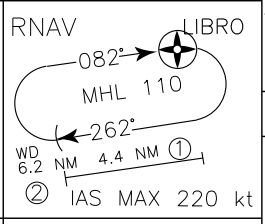
TOCLA Holding Proc.



UXUTA Holding Proc.



LIBRO Holding Proc.



VITIF Holding Proc.

VUSME Holding Proc.

PIMOR Holding Proc.

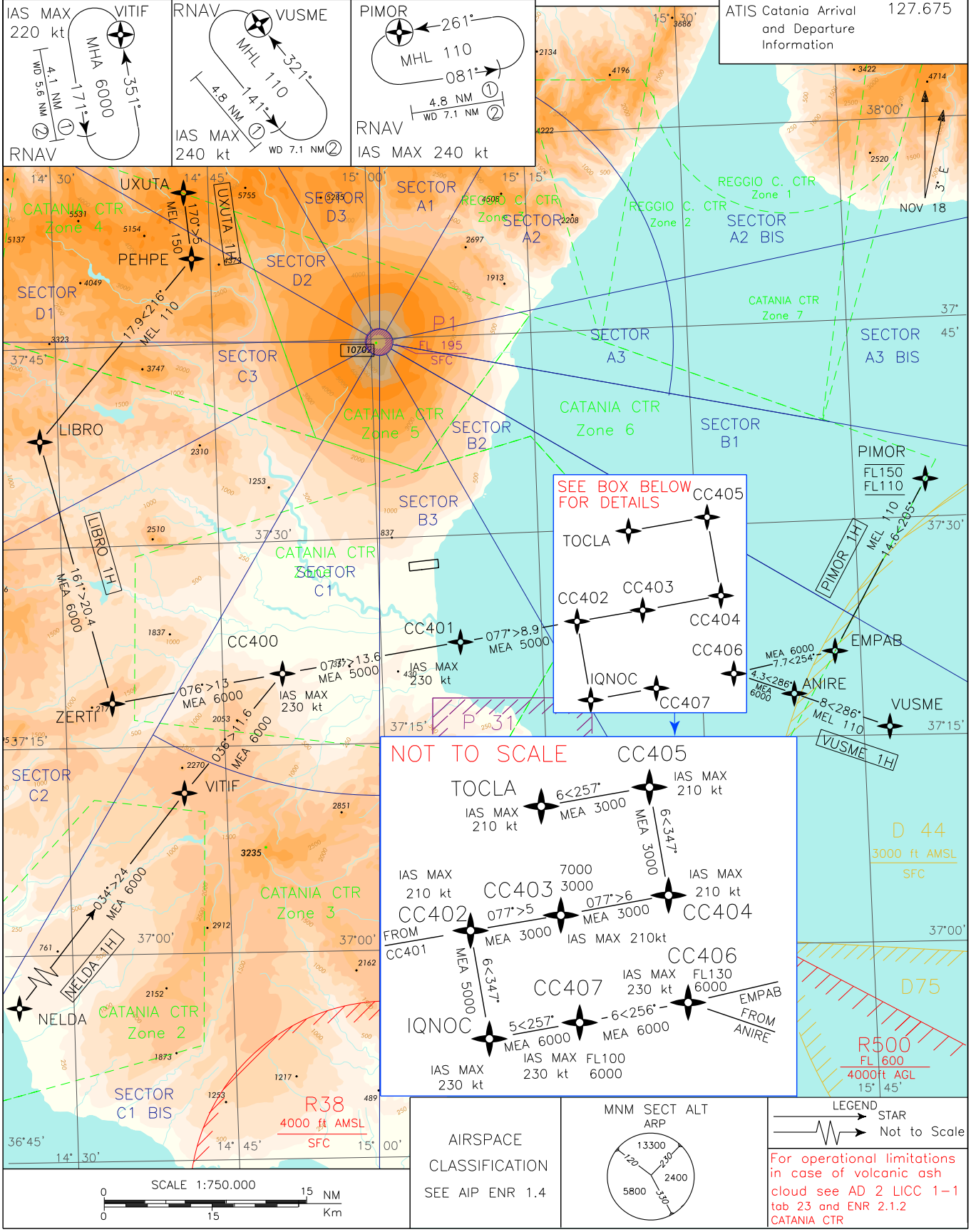
REMARKS

① For RNAV system with holding functionality

② For RNAV system without holding functionality

FREQUENCIES

APP	Catania APP/Radar	119.250
	Catania Director	(120.805)
TWR	Catania TWR	118.700
ATIS	Catania Arrival and Departure Information	127.675



SCALE 1:750.000

0 15 NM

0 15 Km

AIRSPACE CLASSIFICATION SEE AIP ENR 1.4

MNM SECT ALT ARP

LEGEND

STAR

Not to Scale

For operational limitations in case of volcanic ash cloud see AD 2 LICC 1–1 tab 23 and ENR 2.1.2 CATANIA CTR

CATANIA FONTANAROSSA STAR RNAV 1

RWY 26

UXUTA 1H

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	UXUTA						+FL150		RNAV 1
TF	PEHPE		170°(172.9°)	3	5.0		+FL150		RNAV 1
TF	LIBRO		216°(219.3°)	3	17.9		+FL110		RNAV 1
TF	ZERTI		161°(164.2°)	3	20.4		+6000		RNAV 1
TF	CC400		076°(079.8°)	3	13.0		+6000	230	RNAV 1
TF	CC401		077°(080.0°)	3	13.6		+5000	230	RNAV 1
TF	CC402		077°(080.1°)	3	8.9		+5000	210	RNAV 1
TF	CC403		077°(080.2°)	3	5.0		-7000 +3000	210	RNAV 1
TF	CC404		077°(080.2°)	3	6.0		+3000	210	RNAV 1
TF	CC405		347°(350.2°)	3	6.0	L	+3000	210	RNAV 1
TF	TOCLA		257°(260.2°)	3	6.0	L	+3000	210	RNAV 1

LIBRO 1H

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	LIBRO						+FL110		
TF	ZERTI		161°(164.2°)	3	20.4		+6000		RNAV 1
TF	CC400		076°(079.8°)	3	13.0		+6000	230	RNAV 1
TF	CC401		077°(080.0°)	3	13.6		+5000	230	RNAV 1
TF	CC402		077°(080.1°)	3	8.9		+5000	210	RNAV 1
TF	CC403		077°(080.2°)	3	5.0		-7000 +3000	210	RNAV 1
TF	CC404		077°(080.2°)	3	6.0		+3000	210	RNAV 1
TF	CC405		347°(350.2°)	3	6.0	L	+3000	210	RNAV 1
TF	TOCLA		257°(260.2°)	3	6.0	L	+3000	210	RNAV 1

NELDA 1H

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	NELDA						+6000		RNAV 1
TF	VITIF		034°(037.3°)	3	24.0		+6000		RNAV 1
TF	CC400		036°(039.2°)	3	11.6		+6000	230	RNAV 1
TF	CC401		077°(080.0°)	3	13.6		+5000	230	RNAV 1
TF	CC402		077°(080.1°)	3	8.9		+5000	210	RNAV 1
TF	CC403		077°(080.2°)	3	5.0		-7000 +3000	210	RNAV 1
TF	CC404		077°(080.2°)	3	6.0		+3000	210	RNAV 1
TF	CC405		347°(350.2°)	3	6.0	L	+3000	210	RNAV 1
TF	TOCLA		257°(260.2°)	3	6.0	L	+3000	210	RNAV 1

VUSME 1H

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	VUSME						+FL110		RNAV 1
TF	ANIRE		286°(289.1°)	3	8.0		+FL110		RNAV 1
TF	CC406		286°(289.0°)	3	4.3		-FL130 +6000	230	RNAV 1
TF	CC407		256°(259.7°)	3	6.0		-FL100 +6000	230	RNAV 1
TF	IQNOC		257°(260.1°)	3	5.0		+6000	230	RNAV 1
TF	CC402		347°(350.2°)	3	6.0	R	+5000	210	RNAV 1
TF	CC403		077°(080.2°)	3	5.0	R	-7000 +3000	210	RNAV 1
TF	CC404		077°(080.2°)	3	6.0		+3000	210	RNAV 1
TF	CC405		347°(350.2°)	3	6.0	L	+3000	210	RNAV 1
TF	TOCLA		257°(260.2°)	3	6.0	L	+3000	210	RNAV 1

PIMOR 1H

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag(°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	PIMOR						- FL150 +FL110		RNAV 1
TF	EMPAB		205°(208.0°)	3	14.6		+FL110		RNAV 1
TF	CC406		254°(257.4°)	3	7.7		-FL130 +6000	230	RNAV 1
TF	CC407		256°(259.7°)	3	6.0		-FL100 +6000	230	RNAV 1
TF	IQNOC		257°(260.1°)	3	5.0		+6000	230	RNAV 1
TF	CC402		347°(350.2°)	3	6.0	R	+5000	210	RNAV 1
TF	CC403		077°(080.2°)	3	5.0	R	-7000 +3000	210	RNAV 1
TF	CC404		077°(080.2°)	3	6.0		+3000	210	RNAV 1
TF	CC405		347°(350.2°)	3	6.0	L	+3000	210	RNAV 1
TF	TOCLA		257°(260.2°)	3	6.0	L	+3000	210	RNAV 1

RNAV HOLDING PATTERN

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Turn Direction	Altitude Constraint	Speed Limit KIAS	D (NM)*	WD (NM)**	TYPE
HM	UXUTA	152°(155.3°)	R	+FL150	240	5.1	7.8	RNAV1
HM	LIBRO	082°(085.2°)	R	+FL110	220	4.4	6.2	RNAV1
HM	VITIF	351°(354.2°)	L	+6000	220	4.1	5.6	RNAV1
HM	VUSME	321°(324.4°)	L	+FL110	240	4.8	7.1	RNAV1
HM	PIMOR	261°(264.4°)	L	+FL110	240	4.8	7.1	RNAV1
HM	TOCLA	257°(260.3°)	R	+3000	210	3.8	4.9	RNAV1

TOCLA HOLDING PATTERN (CONVENTIONAL)

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Leg Distance (NM)	Turn Direction		Altitude Constraint	Speed Limit KIAS	Recommended Navaid	Bearing/ Range to Navaid
HM	TOCLA	257° (260.2°)	4	R		+3000	210	CTF VOR DME	RDL 077/16NM

(*): For RNAV system with holding functionality.

(**): For RNAV system without holding functionality.

Waypoint Table Formatted according ARINC 424 standards STAR RNAV1 RWY 26

WAYPOINT	LATITUDE	LONGITUDE
UXUTA	N37560613	E014412453
PEHPE	N37510806	E014421105
LIBRO	N37371700	E014275300
ZERTI	N37173723	E014345215
CC400	N37195605	E014505280
CC401	N37221909	E015073984
CC402	N37235144	E015183963
CC403	N37244282	E015245014
CC404	N37254412	E015321547
CC405	N37313943	E015305877
TOCLA	N37303805	E015233287
NELDA	N36514600	E014233400
VITIF	N37105500	E014414114
VUSME	N37155004	E015480623
ANIRE	N37182765	E015383802
CC406	N37195191	E015333285
CC407	N37184757	E015260721
IQNOC	N37175611	E015195649
PIMOR	N37342700	E015513800
EMPAB	N37213228	E015425939

Intenzionalmente bianca

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