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Airport Information For LICC

Terminal Charts For LICC

Revision Letter For Cycle 01-2016

Change Notices

Notebook

General Information

Location: CATANIA ITA
ICAO/IATA: LICC / CTA
Lat/Long: N37° 28.00', E015° 03.83'
Elevation: 39 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -1:00 = UTC
Magnetic Variation: 2.0° E

Fuel Types: Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: Yes

Sunrise: 0615 Z
Sunset: 1600 Z

Runway Information

Runway: 08
Length x Width: 7992 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 38 ft
Lighting: Edge, ALS, Centerline, REIL
Displaced Threshold: 315 ft

Runway: 26
Length x Width: 7992 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 18 ft
Lighting: Edge, ALS, Centerline, REIL
Displaced Threshold: 282 ft

Communication Information

ATIS: 127.675
Catania Tower: 118.700
Catania Ground: 129.725
Catania Approach: 119.250
Catania Direct (Approach Control Radar): 120.800
Catania Radar: 119.250

LICC/CTA
FONTANAROSSA

JEPPESEN
31 JUL 15 10-1P

CATANIA, ITALY
AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS Departure 127.675

1.2. TAXI PROCEDURES

Taxi with CAUTION due to uncontrolled traffic moving to/from operational parking bay to join TWY H.

Turn back manoeuvres must be performed on RWY heads.

In order to avoid damage due to jet blast or slip stream, pilots are requested to taxi with MIM thrust.

1.3. PARKING INFORMATION

Power-back manoeuvres on apron are forbidden, except prior agreement.

On stands 301 thru 326 and 333 thru 339 push-back required.

Self-maneuvring available on stands 337 thru 339 under marshalling supervision and only if tow bar is not provided by handlers.

Self-maneuvring available on stands 100 thru 104, 300 and 302.

Stands 100 thru 104 available DAY only.

1.4. OTHER INFORMATION

1.4.1. GENERAL

Area of magnetic abnormality.

Helicopter activity.

Birds.

ATS not assured within 13° splay sector originated at Control Tower from 051°-064° due to partial limitation of visibility caused by opposite building.

RWY 08 right-hand circuit.

1.4.2. CONTINGENCY PROCEDURES IN CASE OF VOLCANIC ASH CLOUD

For volcanic ash cloud sectors and associated restrictions refer to 10-1Q & 10-1Q1 charts.

2. ARRIVAL

2.1. TAXI PROCEDURES

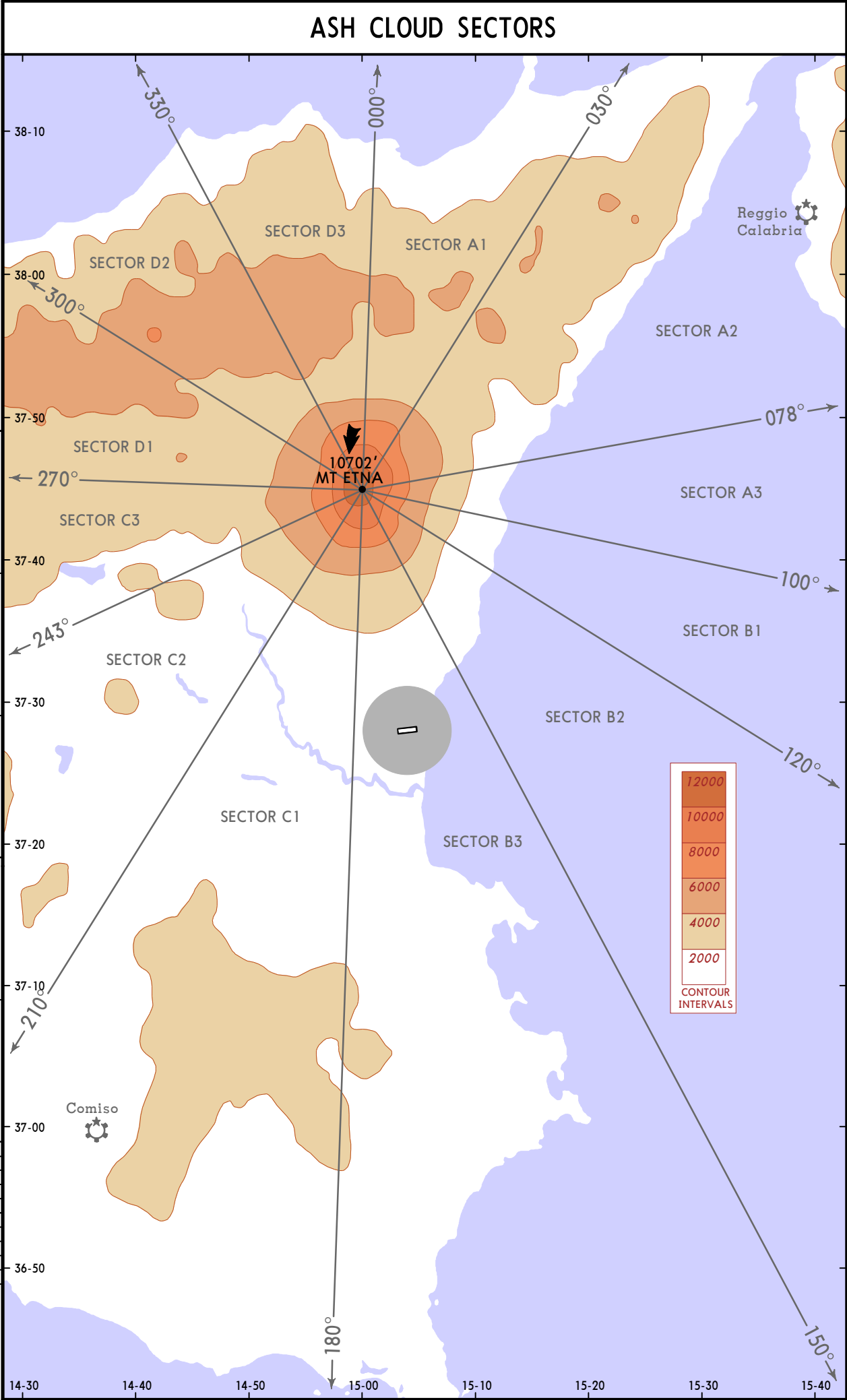
Unless otherwise instructed by ATC, ACFT shall vacate RWY after landing as follows:

- RWY 08 via twy F or G;
- RWY 26 via twy A or B.

LICC/CTA
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 **JEPPESEN**
26 DEC 14 **10-1Q** **Eff 8 Jan**

CATANIA, ITALY
OVERVIEW



LICC/CTA
FONTANAROSSA

JEPPESSEN
 26 DEC 14 (10-1Q1)

Eff 8 Jan

CATANIA, ITALY
OVERVIEW**ASH CLOUD SECTORS TEXT****FLIGHT CONTINGENCY PROCEDURES IN CASE OF VOLCANIC ASH CLOUD**

In order to prevent dangerous effects on the safety of ACFT ops to/from Catania Fontanarossa AD, both in flight and on the ground, due to the presence of volcanic ash cloud during the eruption of Etna, the airspace of Catania CTR has been divided in sectors, in order to specify instrument procs avbl when a sector (or more than one) is/are interdicted for flight ops.

REMARK

Due to the impossibility to determinate alt direction and/or density of volcanic ash cloud due to variability of the met conditions, all flights within Catania CTR must be conducted with max attention. All crew will use max caution in order to avoid any contact with mentioned phenomena. Unexpected variations as per direction alt and/or density of the cloud should be carefully considered taking into account proper issued SIGMET.

DIVISION OF AIRSPACE

To ensure a flexible management of the airspace concerned and of the relevant traffic, the airspace within which the volcanic phenomena will be analysed is defined by lateral and vertical limits of Catania CTR and by sectors (with extent not homogeneous) having origin on coords N 37 44.9 E 015 00.0.

OPERATIONAL LIMITATIONS

Depending on sector/s affected, STAR, SID and IAP are avbl as below described (if two or more sectors are interdicted to flight ops, the most restrictive provision will be applied):

- a) Ash cloud in SECTOR A1
Procedures and holding normally available
- b) Ash cloud in SECTOR A2
STAR NATOV 1F/1G/1M/1L, DIVAR 1F/1G/1L suspended
IAP available
SID RCA 6A/6B, PIMOR 6A/6B/6F, PEKOD 5A/5B suspended
Holding available
- c) Ash cloud in SECTOR A3
STAR NATOV 1F/1G/1M/1L, PIMOR 1F/1G/1M/1L/1P/1S/1R, DIVAR 1F/1G/1L suspended
IAP available
SID RCA 6A/6B, PIMOR 6A/6B/6F, PEKOD 5A/5B suspended
Holding available
- d) Ash cloud in SECTOR B1
STAR ERNAM 1F/1G/1M/1L, COBBA 2M, LIBRO2M/1R, NELDA2M/1R, NATOV 1F/1G/1M/1L, PIMOR 1F/1G/1M/1L/1P/1S/1R, DIVAR 1F/1G/1L suspended
IAP suspended except NDB RWY 08, VOR-Z or NDB RWY 26, ILS or LOC-Y RWY 08, VOR-Y RWY 08
SID suspended except LIBRO 6A/6B, NELDA 6A/6B, ERNAM 6E/6F
Holding INDAX suspended
- e) Ash cloud in SECTOR B2
STAR suspended except COBBA 1F/1G, NELDA 1F/1G/1P/1S, LIBRO 1F/1G/1P/1S
IAP suspended except ILS or LOC-Y RWY 08, VOR Y RWY 08
SID suspended except LIBRO 6B, NELDA 6B
Holding INDAX, CTF VOR/NDB RWY 08/26 suspended
- f) Ash cloud in SECTOR B3
STAR ERNAM 1F/1G/1L, PIMOR 1F/1G/1L/1P/1S, NATOV 1F/1G/1L, DIVAR 1F/1G/1L, COBBA 2M/1L, LIBRO 2M/1L/1R, NELDA 2M/1L/1R suspended
IAP all procedures suspended
SID all procedures suspended
Holding CTF VOR/NDB RWY 08/26 suspended
- g) Ash cloud in SECTOR C1
STAR suspended except ERNAM 1M, PIMOR 1M/1R, NATOV 1M
IAP all procedures suspended
SID suspended except following: PIMOR 6A, RCA 6A, PEKOD 5A, ERNAM 6B/6E
Holding suspended except INDAX
- h) Ash cloud in SECTOR C2
STAR COBBA 1F/1G/2M/1L, LIBRO 1F/1G/2M/1L/1P/1S/1R, NELDA 1F/1G/2M/1L/1P/1S/1R, ERNAM 1F/1G, PIMOR 1F/1G/1P/1S, NATOV 1F/1G, DIVAR 1F/1G suspended
IAP suspended except VOR-W RWY 26, VOR-X RWY 26
SID ERNAM 6A, NELDA 6A/6B, LIBRO 6A/6B, RCA 6B, PIMOR 6B, PEKOD 5B suspended
Holding suspended except INDAX, CTF VOR/NDB RWY 08
- i) Ash cloud in SECTOR C3
STAR COBBA 1F/1G/2M/1L, LIBRO 1F/1G/2M/1L/1P/1S/1R suspended
IAP VOR-Y RWY 26 suspended
SID LIBRO 6A/6B suspended
Holding Missed approach holding VOR-Y RWY 26 suspended
- j) Ash cloud in SECTOR D1
STAR COBBA 1F/1G/2M/1L suspended
IAP available
SID available
Holding available
- k) Ash cloud in SECTOR D2
STAR COBBA 1F/1G/2M/1L suspended
IAP available
SID available
Holding available
- l) Ash cloud in SECTOR D3
Procedures and holding normally available

LICC/CTA
FONTANAROSSA

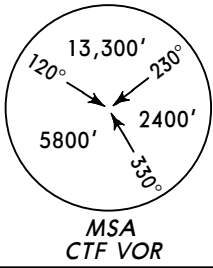
JEPPESSEN
1 OCT 10 **10-2**

CATANIA, ITALY

STAR

Apt Elev
39'

Alt Set: hPa
Trans level: By ATC Trans alt: 7000'



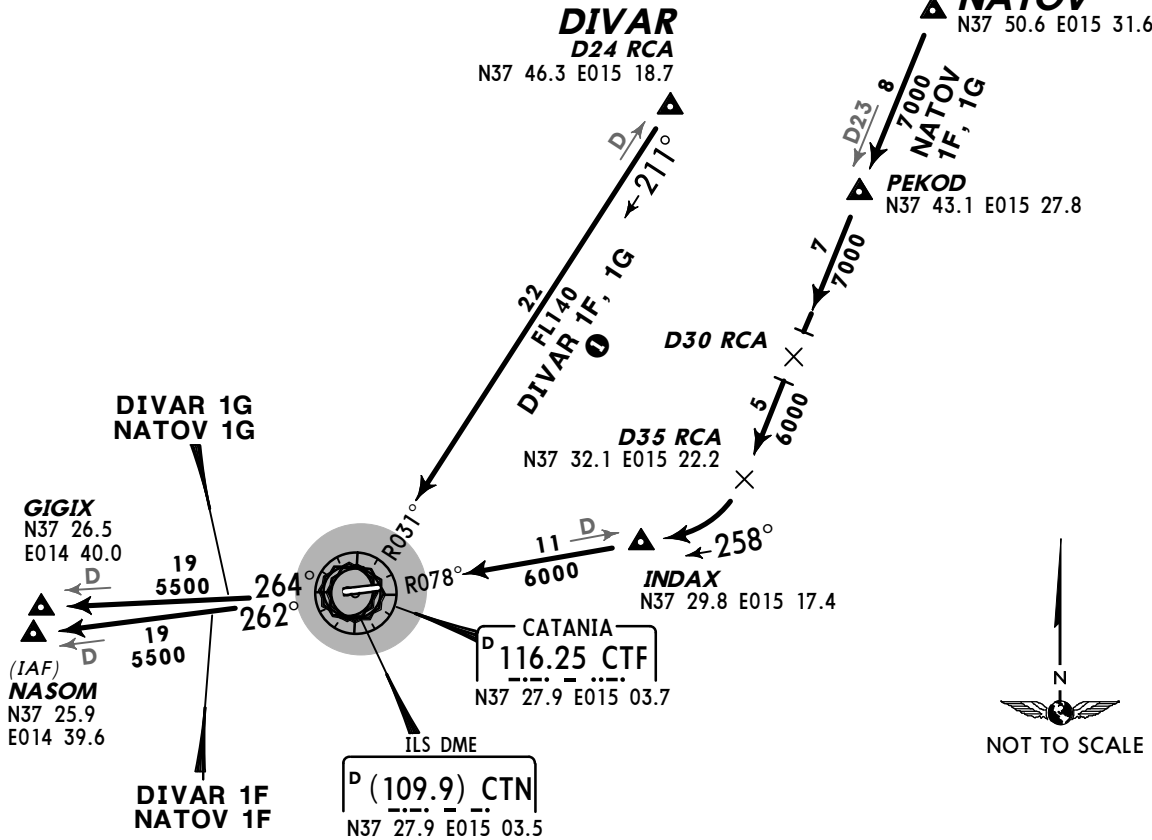
DIVAR 1F [DIVA1F]●, DIVAR 1G [DIVA1G]●
NATOV 1F [NATO1F], NATOV 1G [NATO1G]

RWY 08 ARRIVALS

BASED ON CTF VOR
DME REQUIRED
FROM NORTH

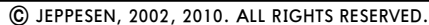
● By ATC.

REGGIO
CALABRIA
D 111.0 RCA
N38 04.6 E015 38.7



HOLDINGS OVER		
GIGIX	NASOM	INDAX

STAR	ROUTING
DIVAR 1F	On CTF R-031 inbound to CTF, CTF R-262 to NASOM.
DIVAR 1G	On CTF R-031 inbound to CTF, CTF R-264 to GIGIX.
NATOV 1F	On RCA R-200 via PEKOD to D35 RCA, turn RIGHT, intercept CTF R-078 inbound via INDAX to CTF, CTF R-262 to NASOM.
NATOV 1G	On RCA R-200 via PEKOD to D35 RCA, turn RIGHT, intercept CTF R-078 inbound via INDAX to CTF, CTF R-264 to GIGIX.



LICC/CTA
FONTANAROSSA

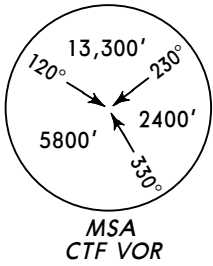
JEPPESSEN
1 OCT 10 10-2B

CATANIA, ITALY

STAR

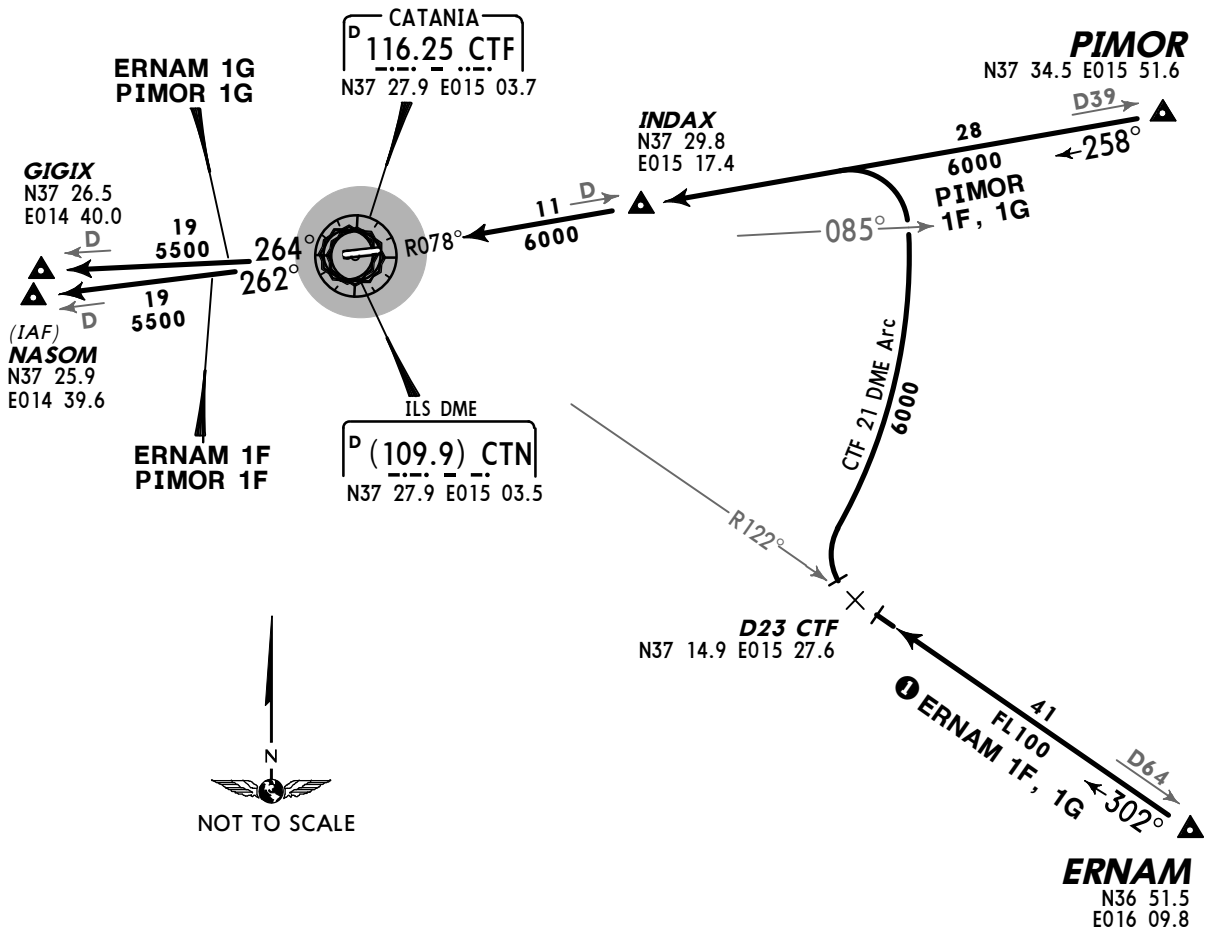
Apt Elev
39'

Alt Set: hPa
Trans level: By ATC Trans alt: 7000'



ERNAM 1F [ERNA1F]①, ERNAM 1G [ERNA1G]①
PIMOR 1F [PIMO1F], PIMOR 1G [PIMO1G]
RWY 08 ARRIVALS
BASED ON CTF VOR
DME REQUIRED
FROM EAST

① STAR partially outside
controlled airspace.



HOLDINGS OVER		
GIGIX	NASOM	INDAX

STAR	ROUTING
ERNAM 1F	On CTF R-122 inbound to D23 CTF, turn RIGHT, along CTF 21 arc, when passing CTF R-085 turn LEFT, intercept CTF R-078 inbound via INDAX to CTF, CTF R-262 to NASOM.
ERNAM 1G	On CTF R-122 inbound to D23 CTF, turn RIGHT, along CTF 21 arc, when passing CTF R-085 turn LEFT, intercept CTF R-078 inbound via INDAX to CTF, CTF R-264 to GIGIX.
PIMOR 1F	On CTF R-078 inbound via INDAX to CTF, CTF R-262 to NASOM.
PIMOR 1G	On CTF R-078 inbound via INDAX to CTF, CTF R-264 to GIGIX.

LICC/CTA
FONTANAROSSA

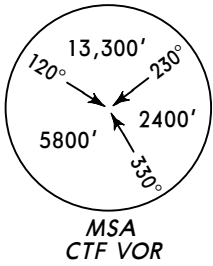
 **JEPPESSEN**
1 OCT 10 **(10-2C)**

CATANIA, ITALY

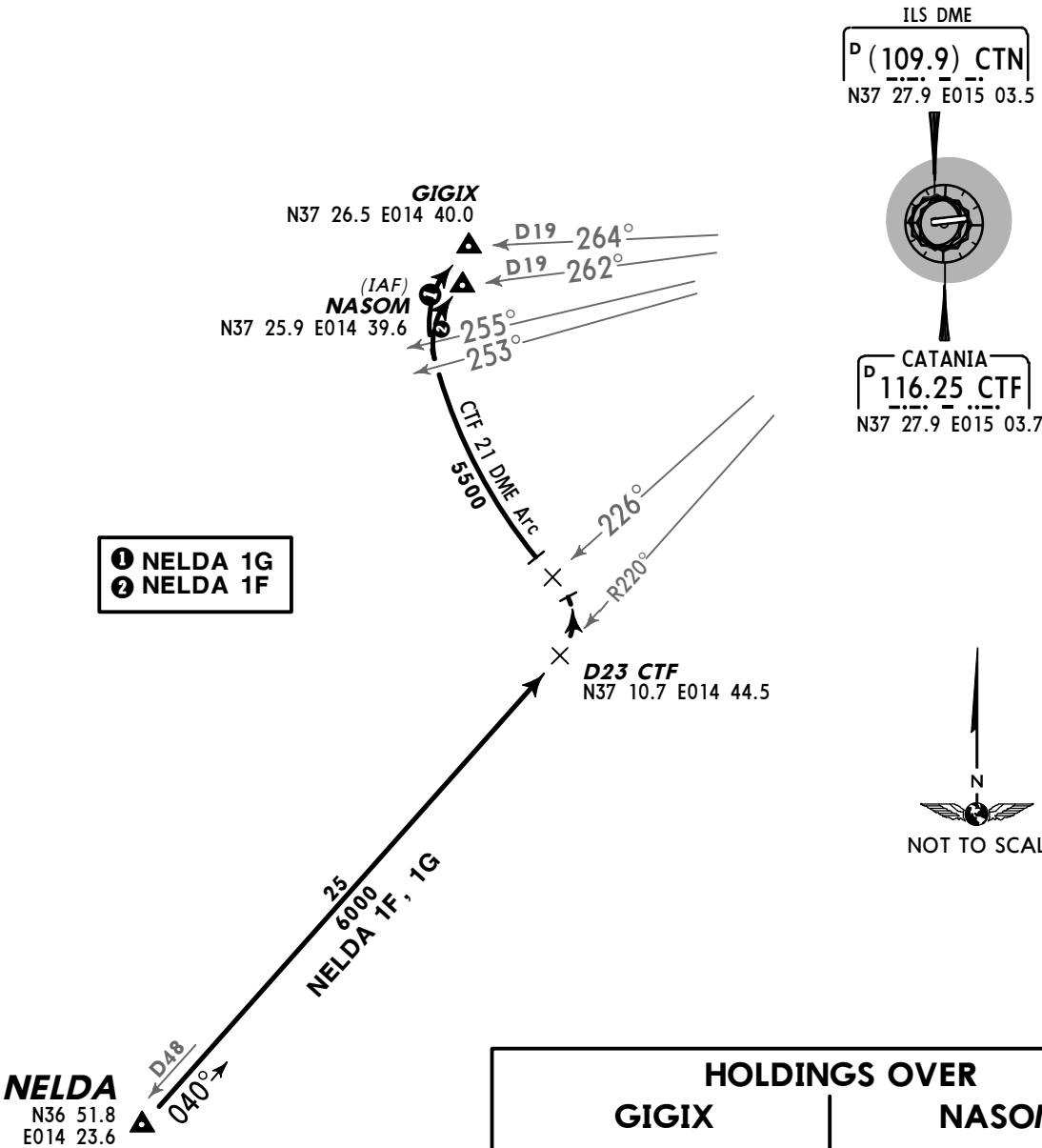
STAR

Apt Elev
39'

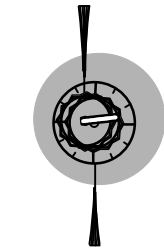
Alt Set: hPa
Trans level: By ATC Trans alt: 7000'



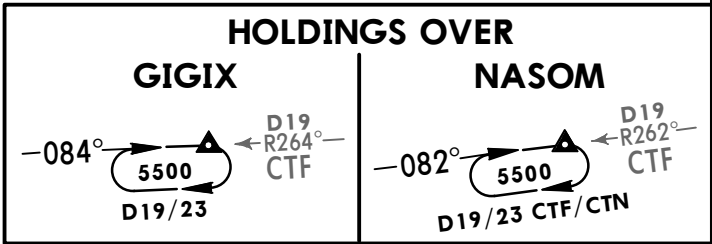
NELDA 1F [NELD1F], NELDA 1G [NELD1G]
RWY 08 ARRIVALS
BASED ON CTF VOR
DME REQUIRED
FROM SOUTHWEST



ILS DME
D (109.9) CTN
N37 27.9 E015 03.5



CATANIA
D 116.25 CTF
N37 27.9 E015 03.7



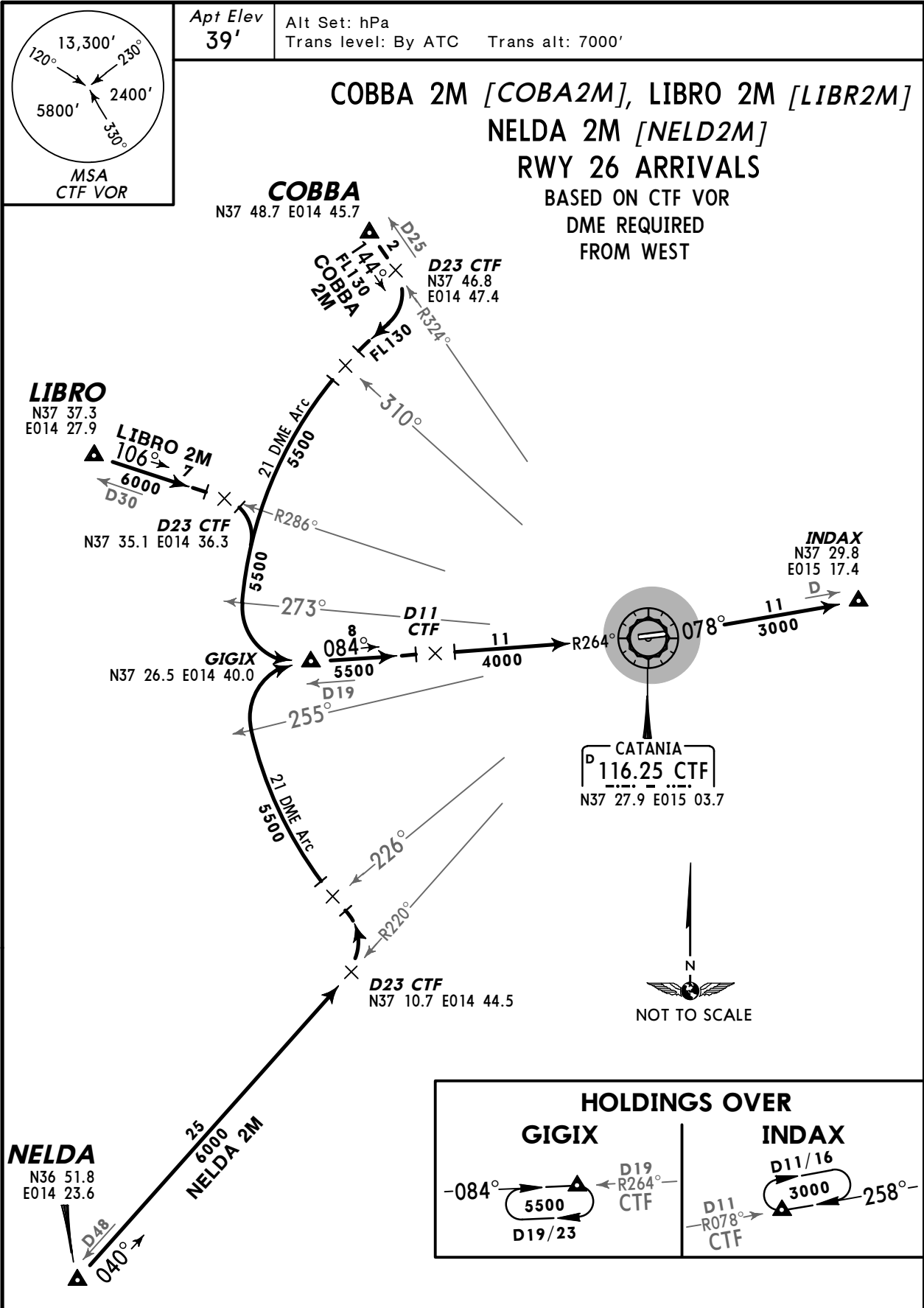
STAR	ROUTING
NELDA 1F	On CTF R-220 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-253 turn RIGHT, intercept CTF R-262 inbound to NASOM.
NELDA 1G	On CTF R-220 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-255 turn RIGHT, intercept CTF R-264 inbound to GIGIX.

LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 10-2D

CATANIA, ITALY

STAR



STAR	ROUTING
COBBA 2M	On CTF R-324 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound via GIGIX to CTF, CTF R-078 to INDAX.
LIBRO 2M	On CTF R-286 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound via GIGIX to CTF, CTF R-078 to INDAX.
NELDA 2M	On CTF R-220 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-255 turn RIGHT, intercept CTF R-264 inbound via GIGIX to CTF, CTF R-078 to INDAX.

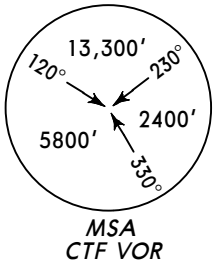
LICC/CTA
FONTANAROSSA

JEPPESEN
1 OCT 10 10-2E

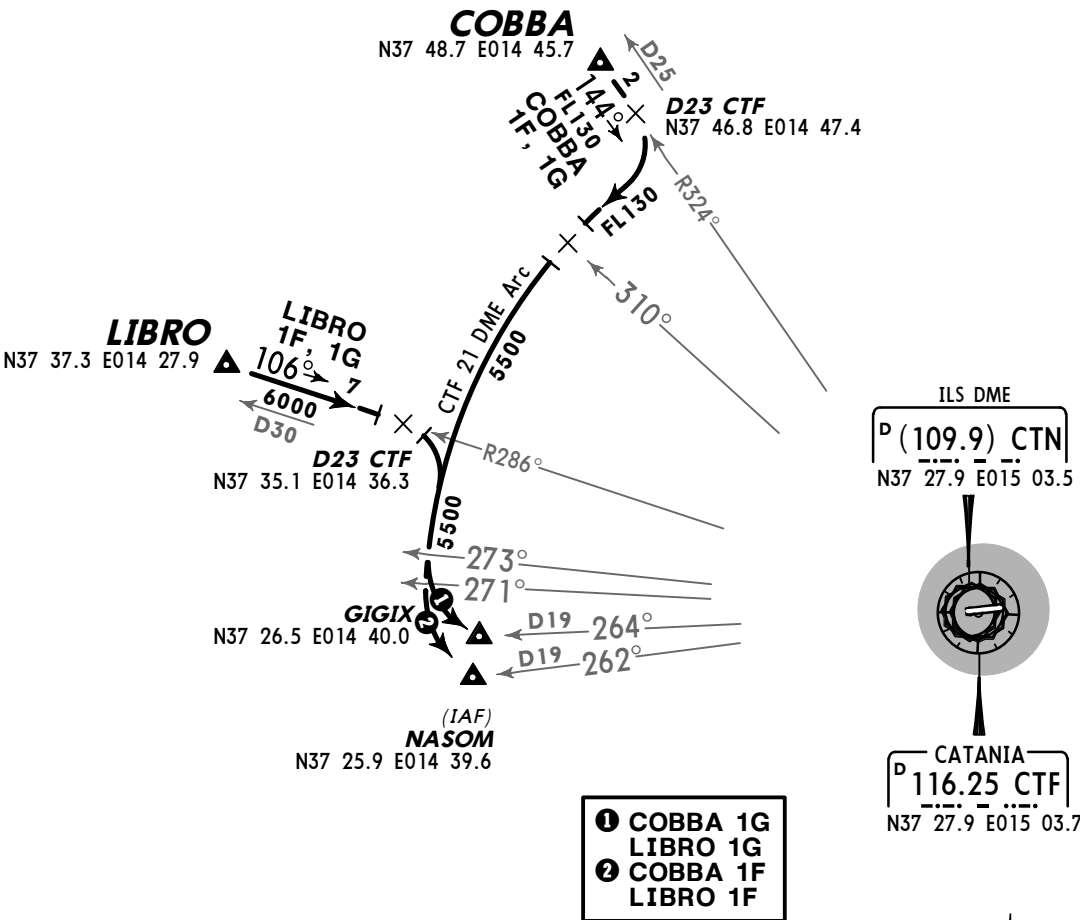
CATANIA, ITALY
STAR

Apt Elev
39'

Alt Set: hPa
Trans level: By ATC Trans alt: 7000'



COBBA 1F [COBA1F], COBBA 1G [COBA1G]
LIBRO 1F [LIBR1F], LIBRO 1G [LIBR1G]
RWY 08 ARRIVALS
BASED ON CTF VOR
DME REQUIRED
FROM NORTHWEST



HOLDINGS OVER



STAR	ROUTING
COBBA 1F	On CTF R-324 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-271 turn LEFT, intercept CTF R-262 inbound to NASOM.
COBBA 1G	On CTF R-324 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound to GIGIX.
LIBRO 1F	On CTF R-286 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-271 turn LEFT, intercept CTF R-262 inbound to NASOM.
LIBRO 1G	On CTF R-286 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound to GIGIX.

LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 **(10-2F)**

CATANIA, ITALY

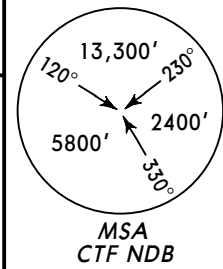
STAR

Apt Elev
39'

Alt Set: hPa
Trans level: By ATC Trans alt: 7000'

DIVAR 1L [DIVA1L]①, ERNAM 1L [ERNA1L]②
NATOV 1L [NATO1L], PIMOR 1L [PIMO1L]
RWYS 08, 26 ARRIVALS

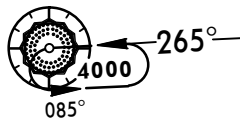
BASED ON CTF NDB/VOR
DME REQUIRED
FROM NORTH & EAST



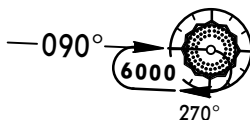
REGGIO
CALABRIA
D 111.0 RCA
N38 04.6 E015 38.7

**HOLDINGS OVER
CTF**

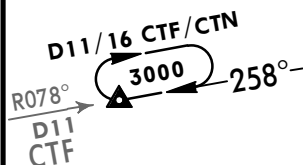
Runway 08



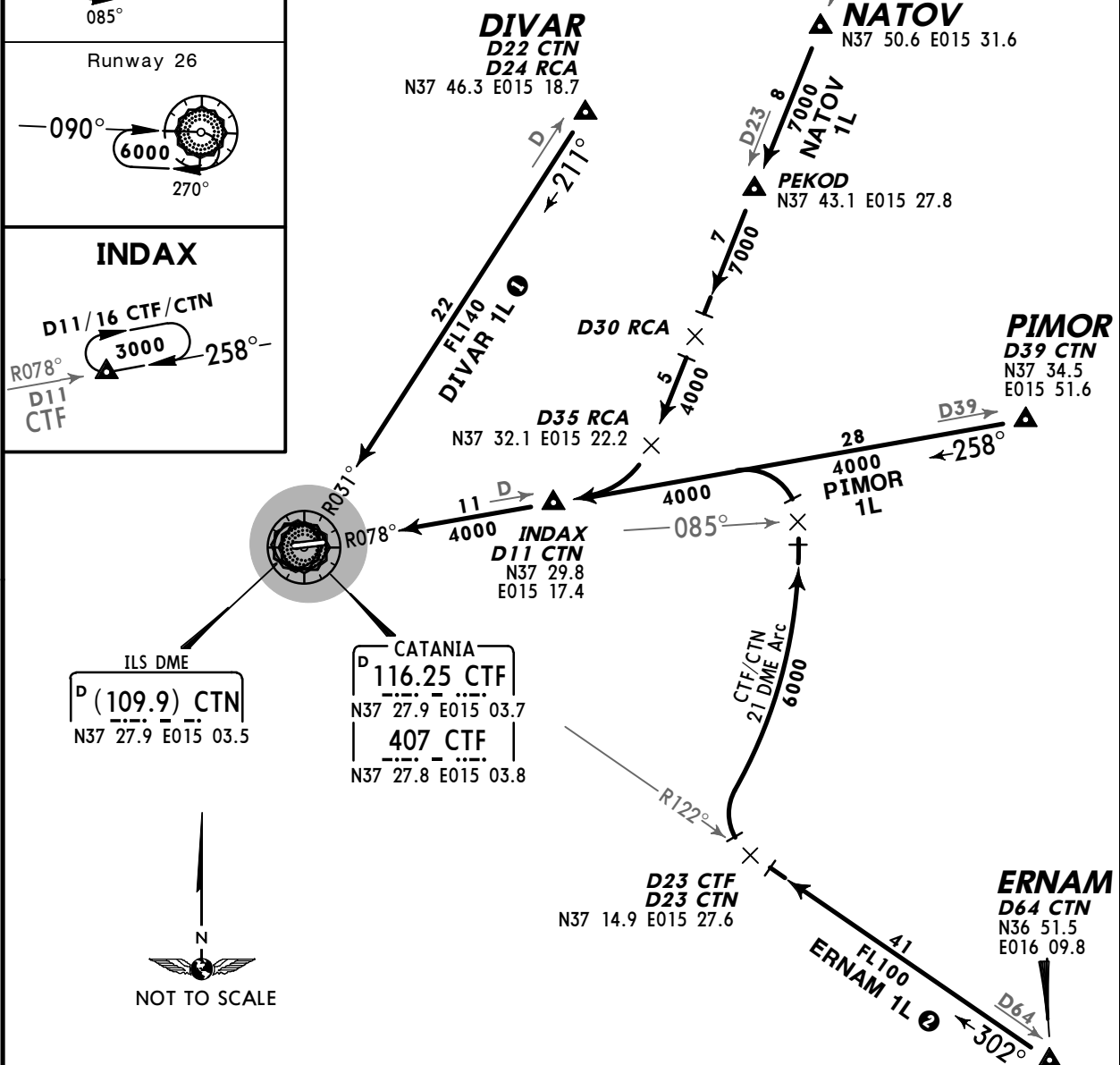
Runway 26



INDAX



- ① By ATC.
- ② STAR partially outside controlled airspace.



STAR	ROUTING
DIVAR 1L	On CTF R-031 inbound to CTF.
ERNAM 1L	On CTF R-122 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-085 turn LEFT, intercept CTF R-078 inbound via INDAX to CTF.
NATOV 1L	On RCA R-200 via PEKOD to D35 RCA, turn RIGHT, intercept CTF R-078 inbound via INDAX to CTF.
PIMOR 1L	On CTF R-078 inbound via INDAX to CTF.

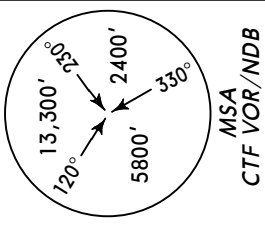
CTF VOR/NDB

1 PIMOR 1P
2 PIMOR 1S

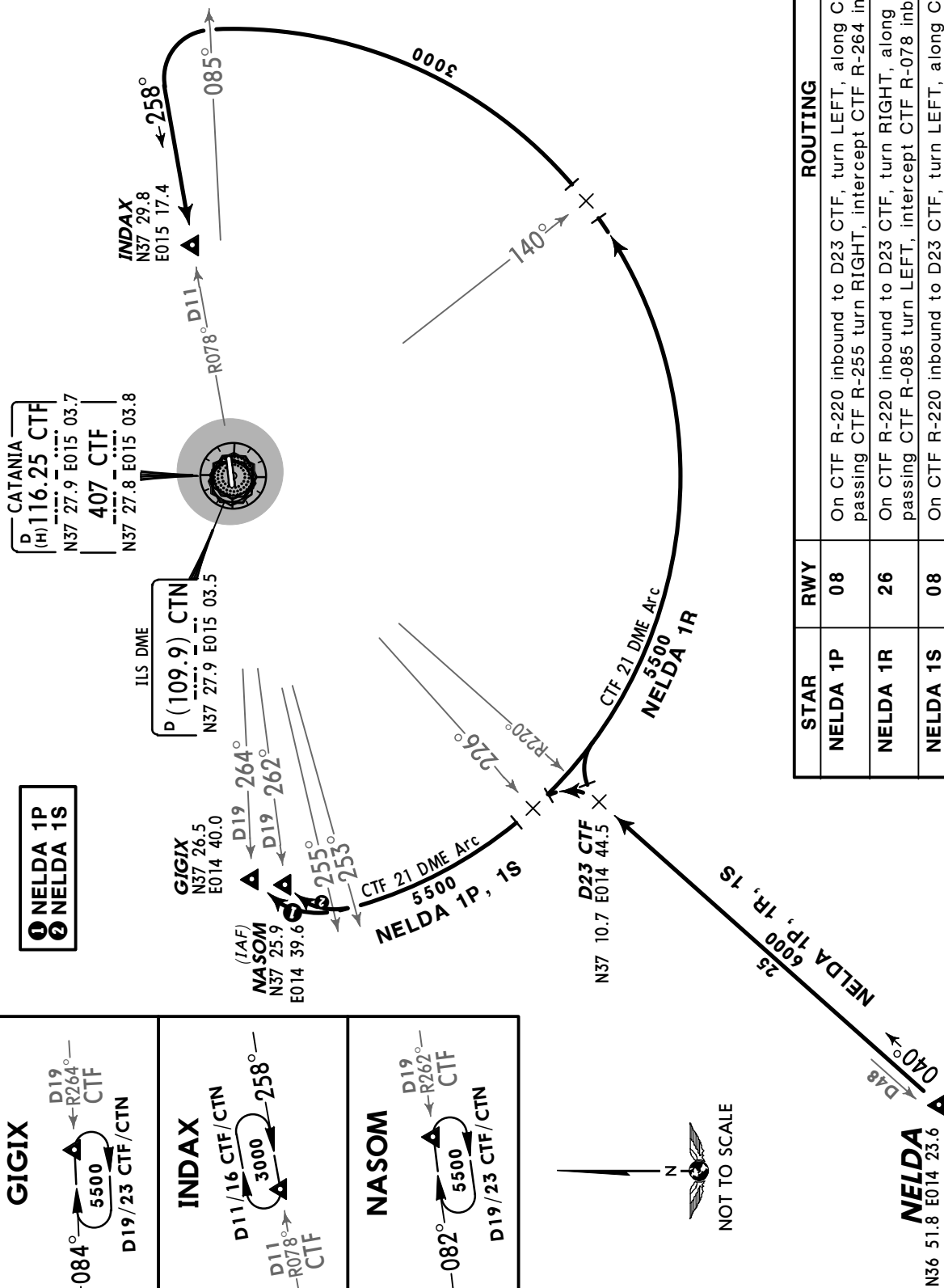
NOT TO SCALE

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Alt Set: hPa
Trans level: By ATC Trans alt: 7000'
For operational limitations refer 10-1Q & 10-1Q1 charts.



NELDA 1P [NELD1P]
NELDA 1S [NELD1S]
RWY 08 CONTINGENCY ARRIVALS
NELDA 1R [NELD1R]
RWY 26 CONTINGENCY ARRIVALS
FROM SOUTHWEST



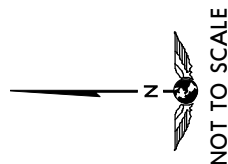
STAR	RWY	ROUTING
NELDA 1P	08	On CTF R-220 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-255 turn RIGHT, intercept CTF R-264 inbound to GIGIX.
NELDA 1R	26	On CTF R-220 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-085 turn LEFT, intercept CTF R-078 inbound to INDAX.
NELDA 1S	08	On CTF R-220 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-253 turn RIGHT, intercept CTF R-262 inbound to NASOM.

HOLDINGS OVER GIGIX

INDEX

NASOM

A diagram showing a climb from 082° to 262°. A curved arrow indicates a climb of 5500 ft. The starting heading is 082° and the ending heading is 262°. The climb is labeled "D19 CTF" and "D19/23 CTF/CTN".



NELDA

N36 51.8 E014 23.6

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LICC/CTA
FONTANAROSSA

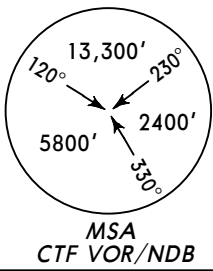
JEPPESEN
1 OCT 10 10-3

CATANIA, ITALY

SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



PEKOD 5A [PEK05A]
RCA 6A
RWY 08 DEPARTURES
TO NORTH



REGGIO
CALABRIA
D 111.0 RCA
N38 04.6 E015 38.7

D20 RCA

At or above
FL120

PEKOD

N37 43.1 E015 27.8

PEKOD 5A

At or above
FL120

D34 RCA

At or above
7000'

To LICR only

At or above
6000'



PEKOD 5A
RCA 6A

INDAX

N37 29.8 E015 17.4

At or above
3000'

CATANIA
D 116.25 CTF
N37 27.9 E015 03.7
407 CTF
N37 27.8 E015 03.8

These SIDs require a minimum climb gradient
of

PEKOD 5A

480' per NM (7.9%) until passing FL120

RCA 6A

480' per NM (7.9%) until passing 7000'
due to ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
480' per NM	600	800	1200	1600	2000	2400

SID	ROUTING
PEKOD 5A	As soon as practicable intercept CTF R-078 to INDAX, turn LEFT, intercept RCA R-200 inbound to PEKOD.
RCA 6A	As soon as practicable intercept CTF R-078 to INDAX, turn LEFT, intercept RCA R-200 inbound to RCA.

LICC/CTA
FONTANAROSSA

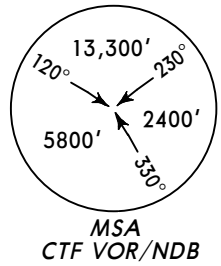
JEPPESSEN
1 OCT 10 10-3A

CATANIA, ITALY

SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



PEKOD 5B [PEKO5B]
RCA 6B
RWY 26 DEPARTURES
TO NORTH



REGGIO
CALABRIA
P 111.0 RCA
N38 04.6 E015 38.7

D20 RCA
At or above
FL120

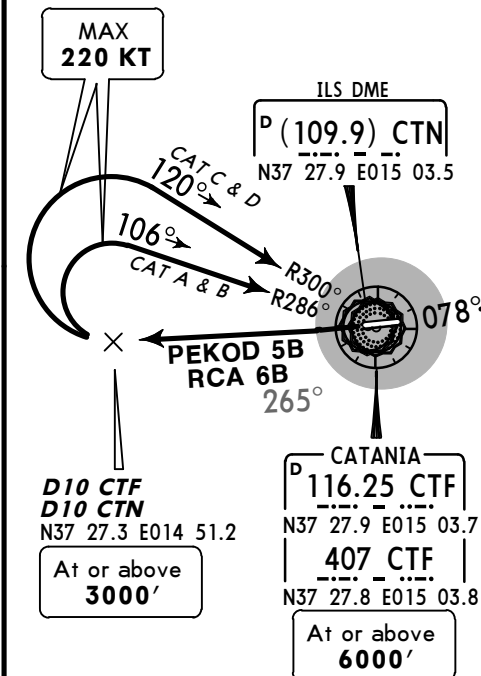
PEKOD
N37 43.1 E015 27.8
PEKOD 5B
At or above
FL120

D34 RCA
At or above
7000'
To LICR only
At or above
6000'

These SIDs require a minimum climb gradient of

PEKOD 5B
310' per NM (5.1%) until passing **FL120**.
RCA 6B
310' per NM (5.1%) until passing **4500'**.

Gnd speed-KT	75	100	150	200	250	300
310' per NM	387	516	775	1033	1291	1549



SID	ROUTING
PEKOD 5B	As soon as practicable intercept CTF R-265 to D10 CTF/D10 CTN, turn RIGHT, intercept CTF R-286 (CAT A & B) or CTF R-300 (CAT C & D) inbound to CTF, CTF R-078 to INDAX, turn LEFT, intercept RCA R-200 inbound to PEKOD.
RCA 6B	As soon as practicable intercept CTF R-265 to D10 CTF/D10 CTN, turn RIGHT, intercept CTF R-286 (CAT A & B) or CTF R-300 (CAT C & D) inbound to CTF, CTF R-078 to INDAX, turn LEFT, intercept RCA R-200 inbound to RCA.

LICC/CTA
FONTANAROSSA

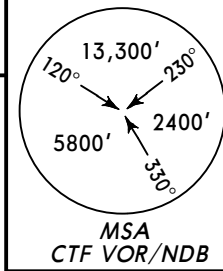
JEPPESEN
18 FEB 11 10-3B

CATANIA, ITALY

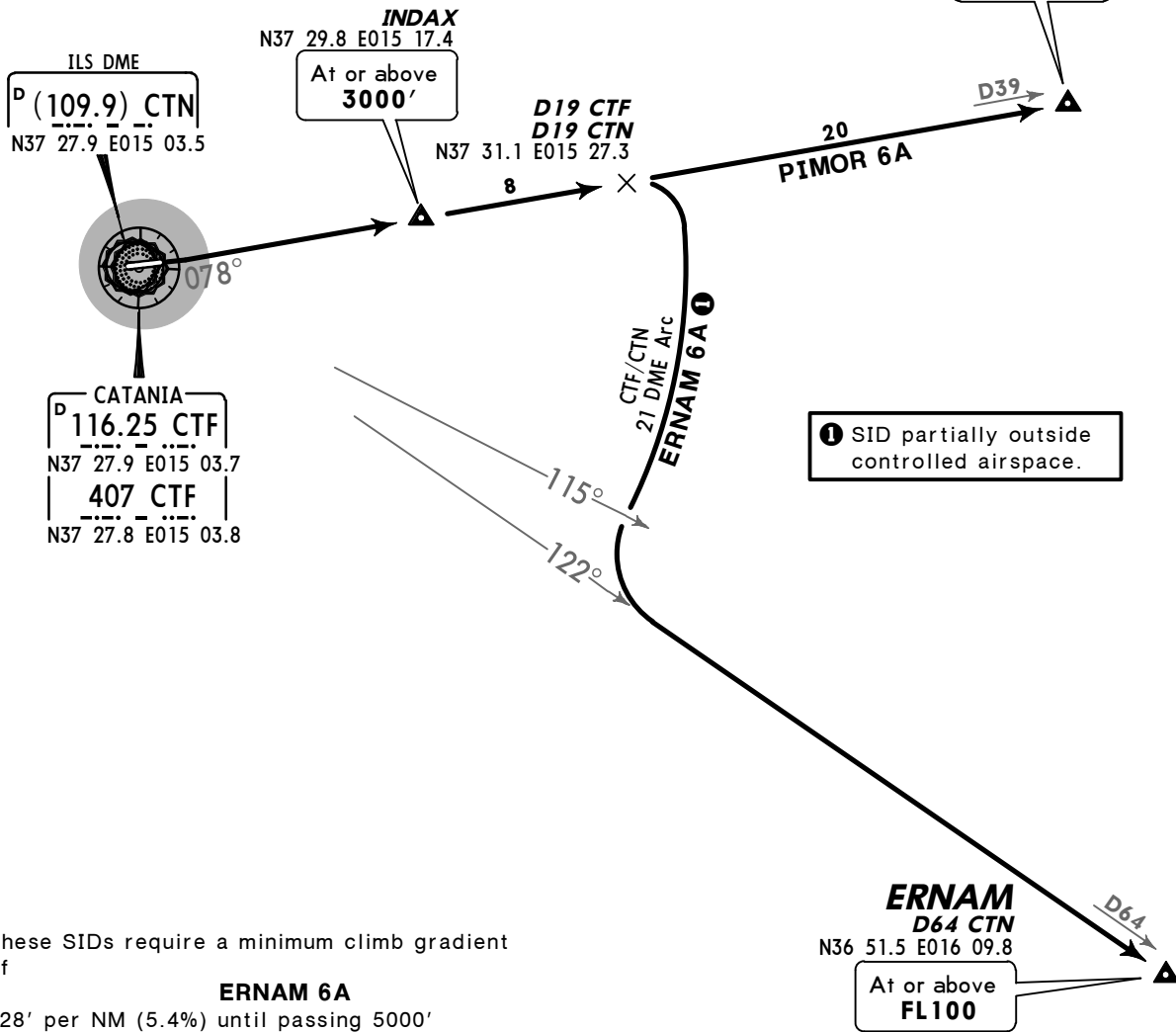
SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



ERNAM 6A [ERNA6A] ①
PIMOR 6A [PIMO6A]
RWY 08 DEPARTURES
TO EAST



These SIDs require a minimum climb gradient of

ERNAM 6A

328' per NM (5.4%) until passing 5000'

PIMOR 6A

328' per NM (5.4%) until passing 5500'
due to ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
328' per NM	410	547	820	1094	1367	1641

SID	ROUTING
ERNAM 6A	As soon as practicable intercept CTF R-078 via INDAX to D19 CTF/D19 CTN, turn RIGHT, along CTF 21 DME/CTN 21 DME arc, when passing CTF R-115 turn LEFT, intercept CTF R-122 to ERNAM.
PIMOR 6A	As soon as practicable intercept CTF R-078 via INDAX to PIMOR.

LICC/CTA
FONTANAROSSA

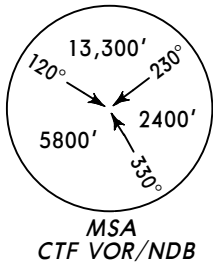
JEPPESSEN
18 FEB 11 (10-3C)

CATANIA, ITALY

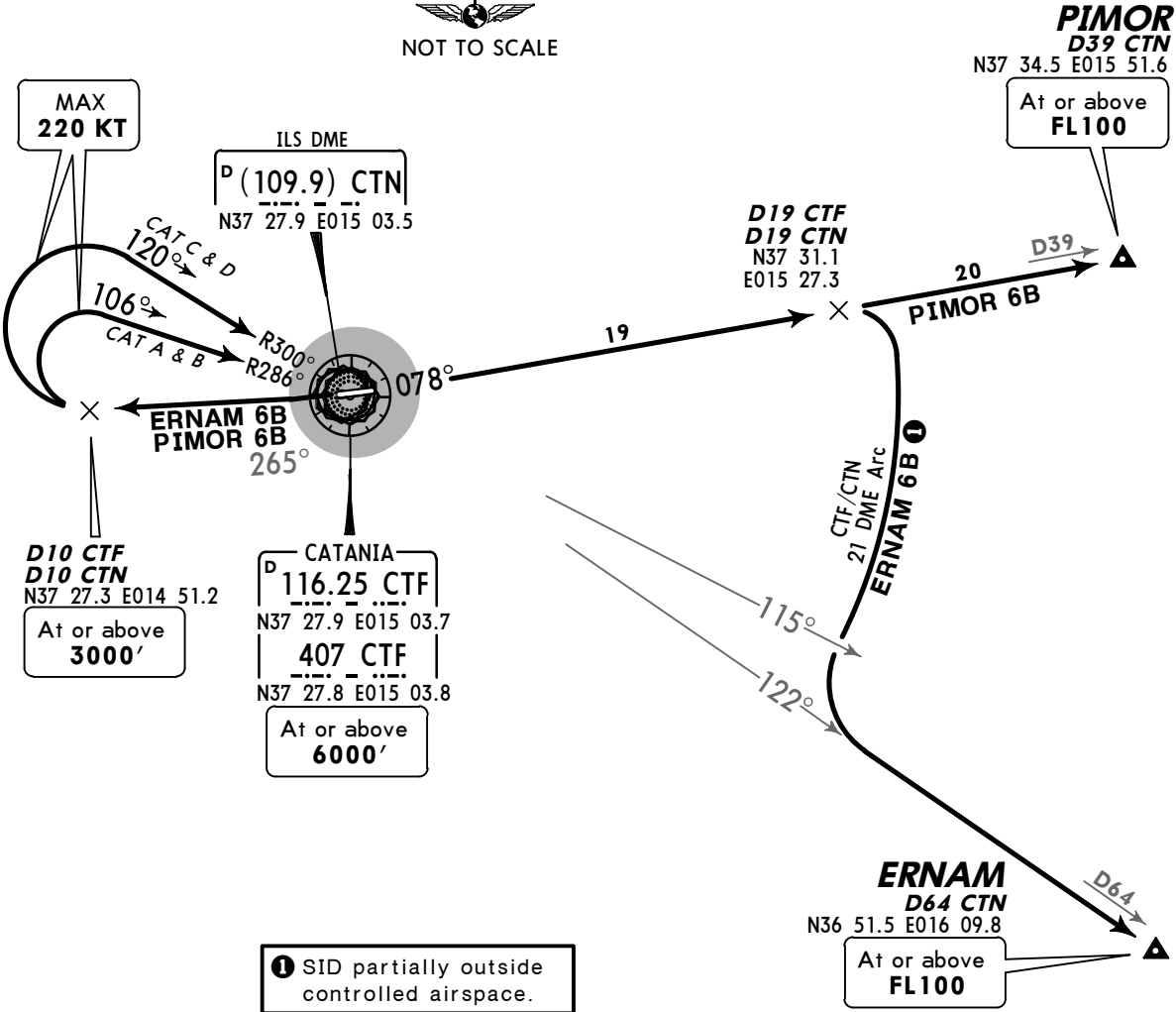
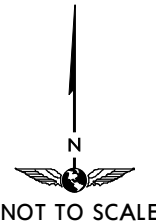
SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



ERNAM 6B [ERNA6B]①
PIMOR 6B [PIMO6B]
RWY 26 DEPARTURES
TO EAST



These SIDs require a minimum climb gradient of 310' per NM (5.1%) until passing 4500'.

Gnd speed-KT	75	100	150	200	250	300
310' per NM	387	516	775	1033	1291	1549

SID	ROUTING
ERNAM 6B	As soon as practicable intercept CTF R-265 to D10 CTF/D10 CTN, turn RIGHT, intercept CTF R-286 (CAT A & B) or CTF R-300 (CAT C & D) inbound to CTF, CTF R-078 to D19 CTF/D19 CTN, turn RIGHT, along CTF 21 DME/CTN 21 DME arc, when passing CTF R-115 turn LEFT, intercept CTF R-122 to ERNAM.
PIMOR 6B	As soon as practicable intercept CTF R-265 to D10 CTF/D10 CTN, turn RIGHT, intercept CTF R-286 (CAT A & B) or CTF R-300 (CAT C & D) inbound to CTF, CTF R-078 to PIMOR.

LICC/CTA
FONTANAROSSA

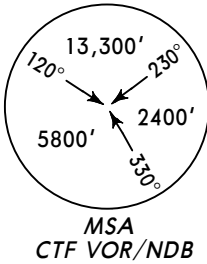
JEPPESSEN
1 OCT 10 (10-3D)

CATANIA, ITALY

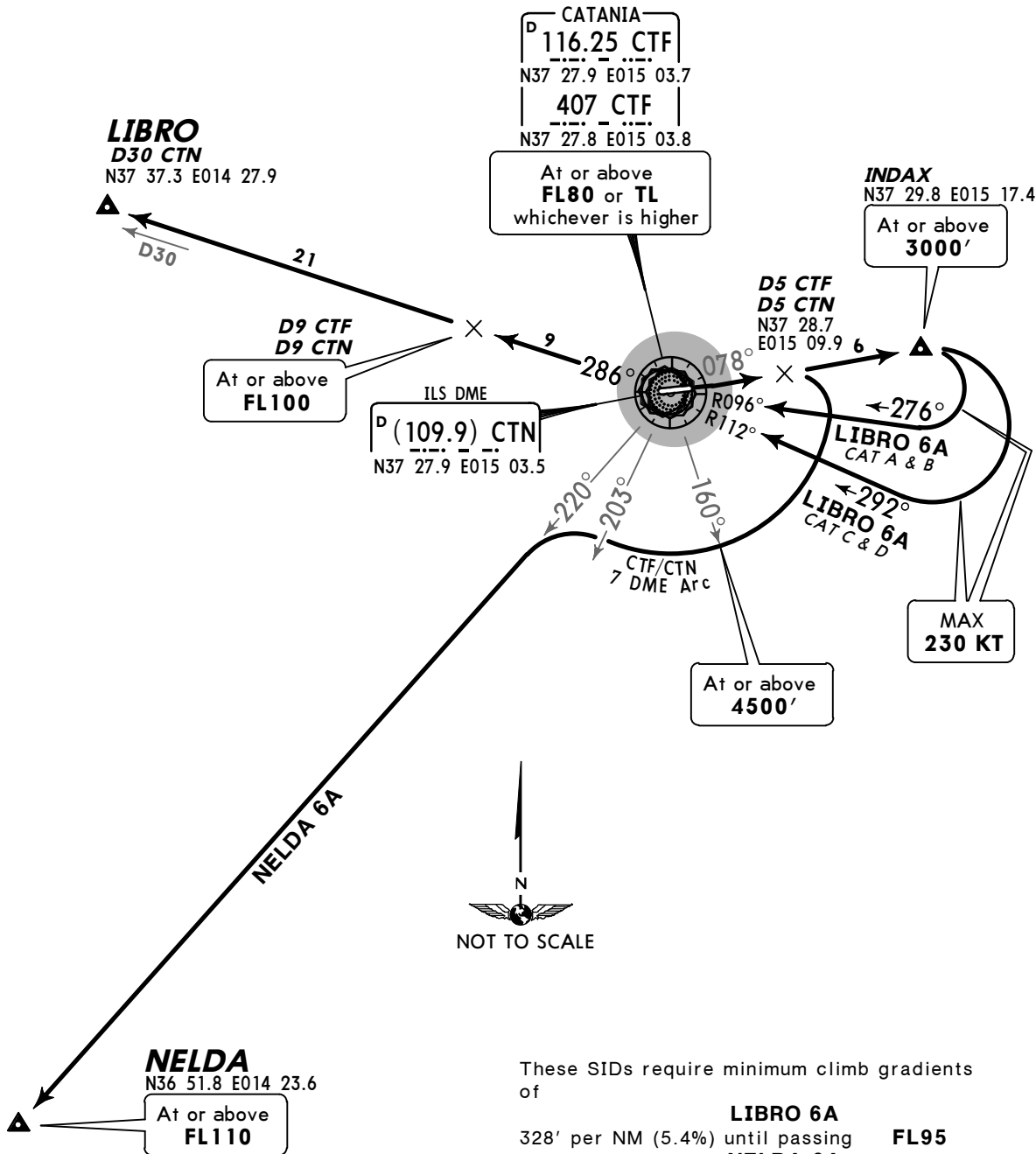
SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



LIBRO 6A [LIBR6A], NELDA 6A [NELD6A]
RWY 08 DEPARTURES
TO WEST



These SIDs require minimum climb gradients of

LIBRO 6A
328' per NM (5.4%) until passing **FL95**

NELDA 6A
365' per NM (6%) until passing **5000'**
due to ATC purposes.

Gnd speed-KT	75	100	150	200	250	300
365' per NM	456	608	911	1215	1519	1823
328' per NM	410	547	820	1094	1367	1641

SID	ROUTING
LIBRO 6A	As soon as practicable intercept CTF R-078 to INDAX, turn RIGHT, intercept CTF R-096 inbound (CAT A & B) or CTF R-112 inbound (CAT C & D) to CTF, CTF R-286 to LIBRO.
NELDA 6A	As soon as practicable intercept CTF R-078 to D5 CTF/D5 CTN, turn RIGHT, along CTF 7 DME/CTN 7 DME arc, when passing CTF R-203 turn LEFT, intercept CTF R-220 to NELDA.

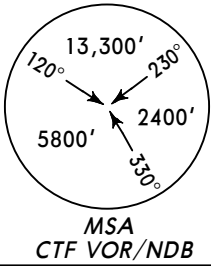
LICC/CTA
FONTANAROSSA

JEPPESEN
1 OCT 10 10-3E

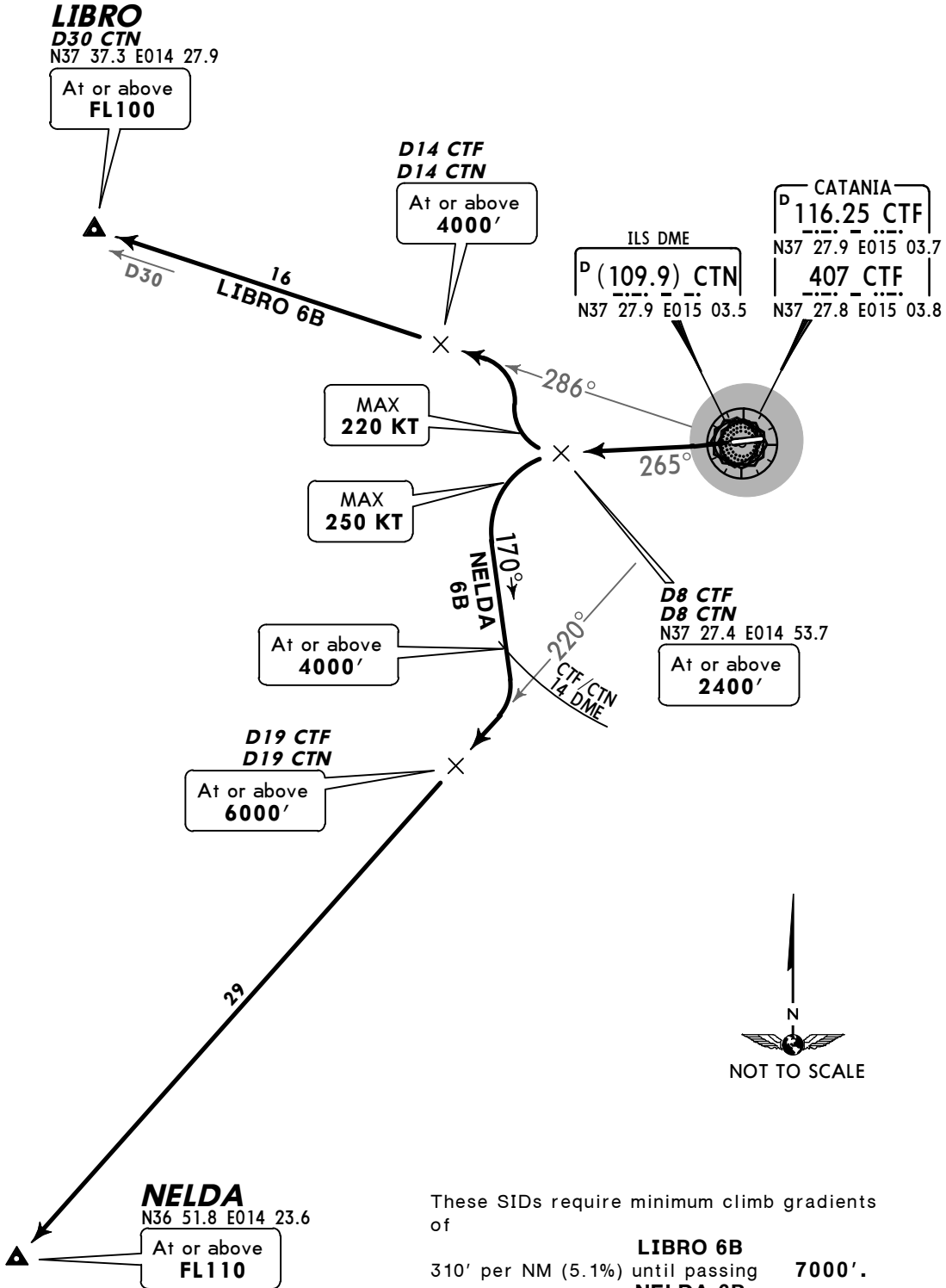
CATANIA, ITALY
SID

Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
EXPECT close-in obstacles.



LIBRO 6B [LIBR6B], NELDA 6B [NELD6B]
RWY 26 DEPARTURES
TO WEST



These SIDs require minimum climb gradients of

LIBRO 6B
310' per NM (5.1%) until passing 7000'.
NELDA 6B
310' per NM (5.1%) until passing 5000'.

Gnd speed-KT	75	100	150	200	250	300
310' per NM	387	516	775	1033	1291	1549

SID	ROUTING
LIBRO 6B	As soon as practicable intercept CTF R-265 to D8 CTF/D8 CTN, turn RIGHT, intercept CTF R-286 to LIBRO.
NELDA 6B	As soon as practicable intercept CTF R-265 to D8 CTF/D8 CTN, turn LEFT, 170° track, intercept CTF R-220 to NELDA.

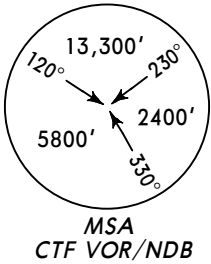
LICC/CTA
FONTANAROSSA

JEPPESEN
26 DEC 14 10-3F Eff 8 Jan

CATANIA, ITALY
SID

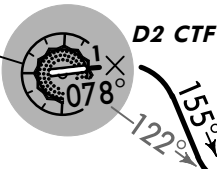
Apt Elev
39'

Trans level: By ATC Trans alt: 7000'
1. EXPECT close-in obstacles.
2. For operational limitations refer 10-1Q & 10-1Q1 charts.



ERNAM 6E [ERNA6E]
RWY 08 CONTINGENCY DEPARTURE
SID PARTIALLY OUTSIDE CONTROLLED AIRSPACE

CATANIA
D 116.25 CTF
(H) 116.25 CTF
N37 27.9 E015 03.7
407 CTF
N37 27.8 E015 03.8



ERNAM
N36 51.5 E016 09.8

At or above
FL100



This SID requires a minimum climb gradient
of
328' per NM (5.4%) until passing 1000'.

Gnd speed-KT	75	100	150	200	250	300
328' per NM	410	547	820	1094	1367	1641

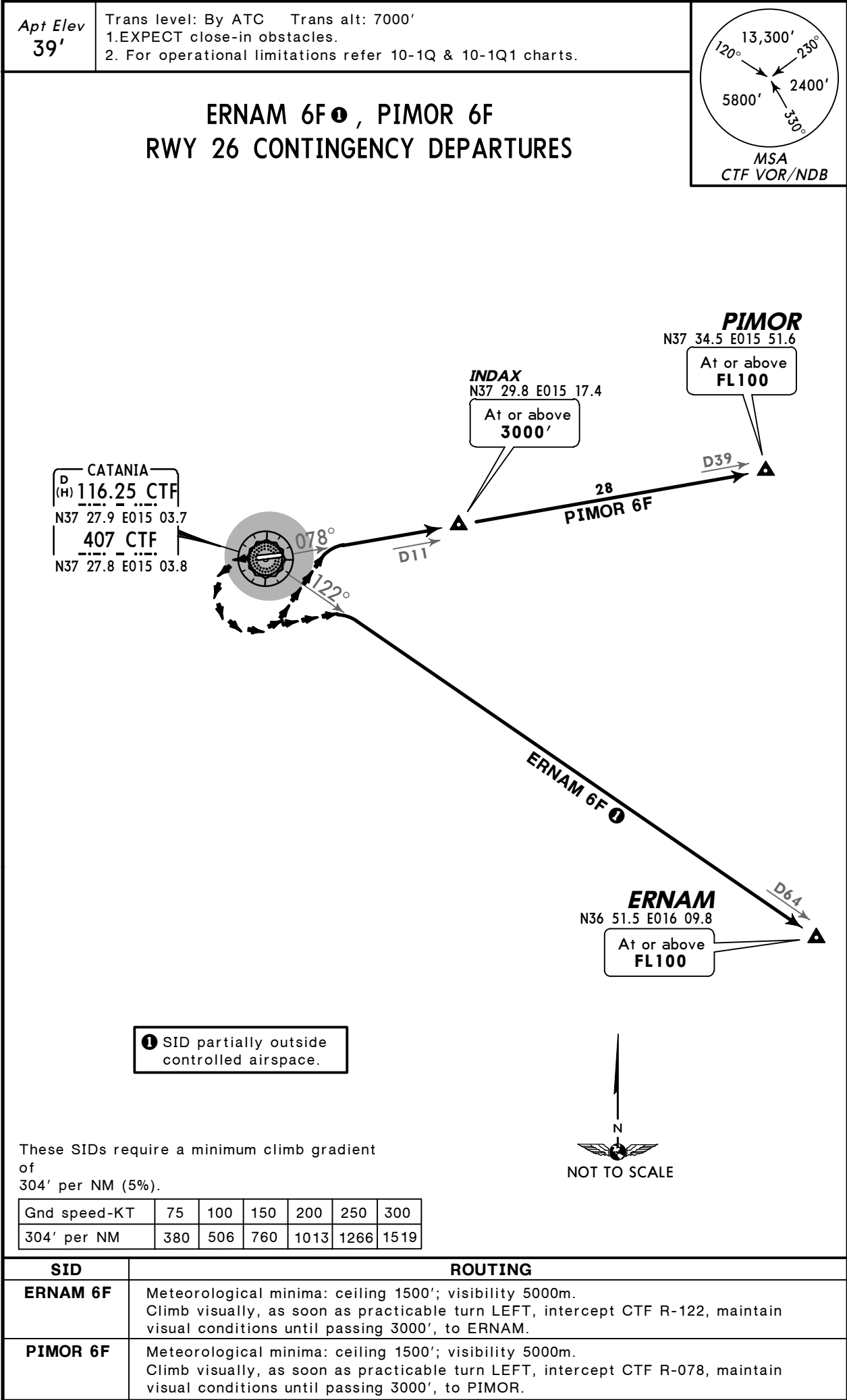
ROUTING

As soon as practicable intercept CTF R-078 to D2 CTF, turn RIGHT, 155° track, intercept CTF R-122 to ERNAM.

LICC/CTA
FONTANAROSSA

JEPPESEN
26 DEC 14 10-3G Eff 8 Jan

CATANIA, ITALY
SID



LICC/CTA

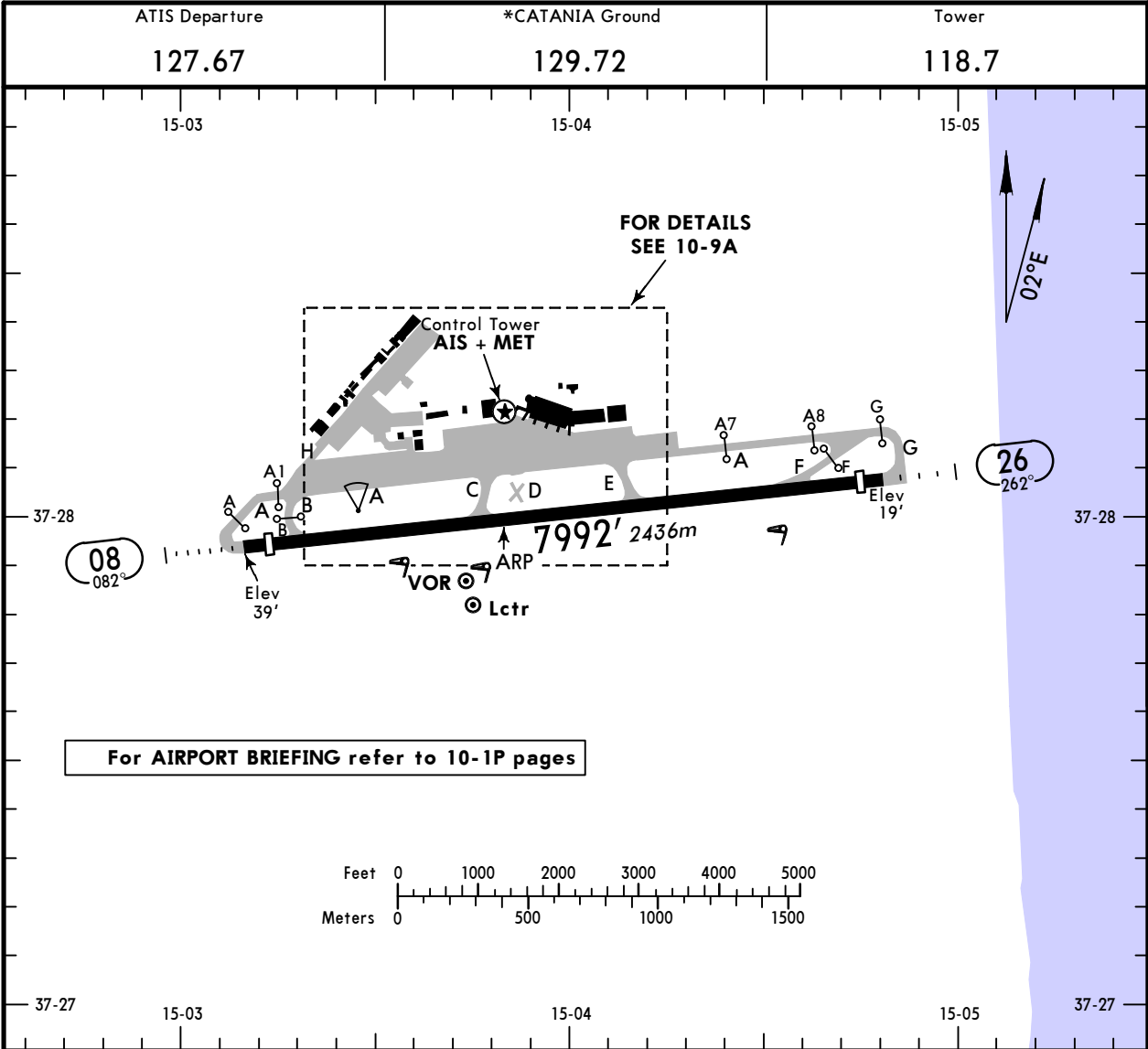
Apt Elev 39'
N37 28.0 E015 03.8

JEPPESEN

6 MAR 15 10-9

CATANIA, ITALY

FONTANAROSSA



ADDITIONAL RUNWAY INFORMATION					
RWY			USABLE LENGTHS		
			LANDING BEYOND	TAKE-OFF	
			Threshold	Glide Slope	WIDTH
08	HIRL CL (30m) HIALS ❶ REIL PAPI (3.0°) ❷ RVR	7677' 2340m	6401' 1951m	❹	148'
26	HIRL CL (30m) HIALS ❶ REIL PAPI (3.0°) ❸	7710' 2350m			45m

- ❶ Configuration unknown
- ❷ Azimuth coverage reduced to 5° LEFT side of RCL and not usable last 1969'/600m before THR 08.
- ❸ Not usable last 1476'/450m before THR 26.

❹ TAKE-OFF RUN AVAILABLE

RWY 08:		RWY 26:	
From rwy head	7992' (2436m)	From rwy head	7992' (2436m)
twy B int	6988' (2130m)	twy F int	6316' (1925m)

Standard TAKE-OFF					
Rwy 08			Rwy 26		
RL & CL	RCLM (DAY only) or RL	NIL (DAY only)	RL & CL	RCLM (DAY only) or RL	NIL (DAY only)
A	RVR 800m		VIS 800m		
B					
C					
D					

CHANGES: Twy D closed.

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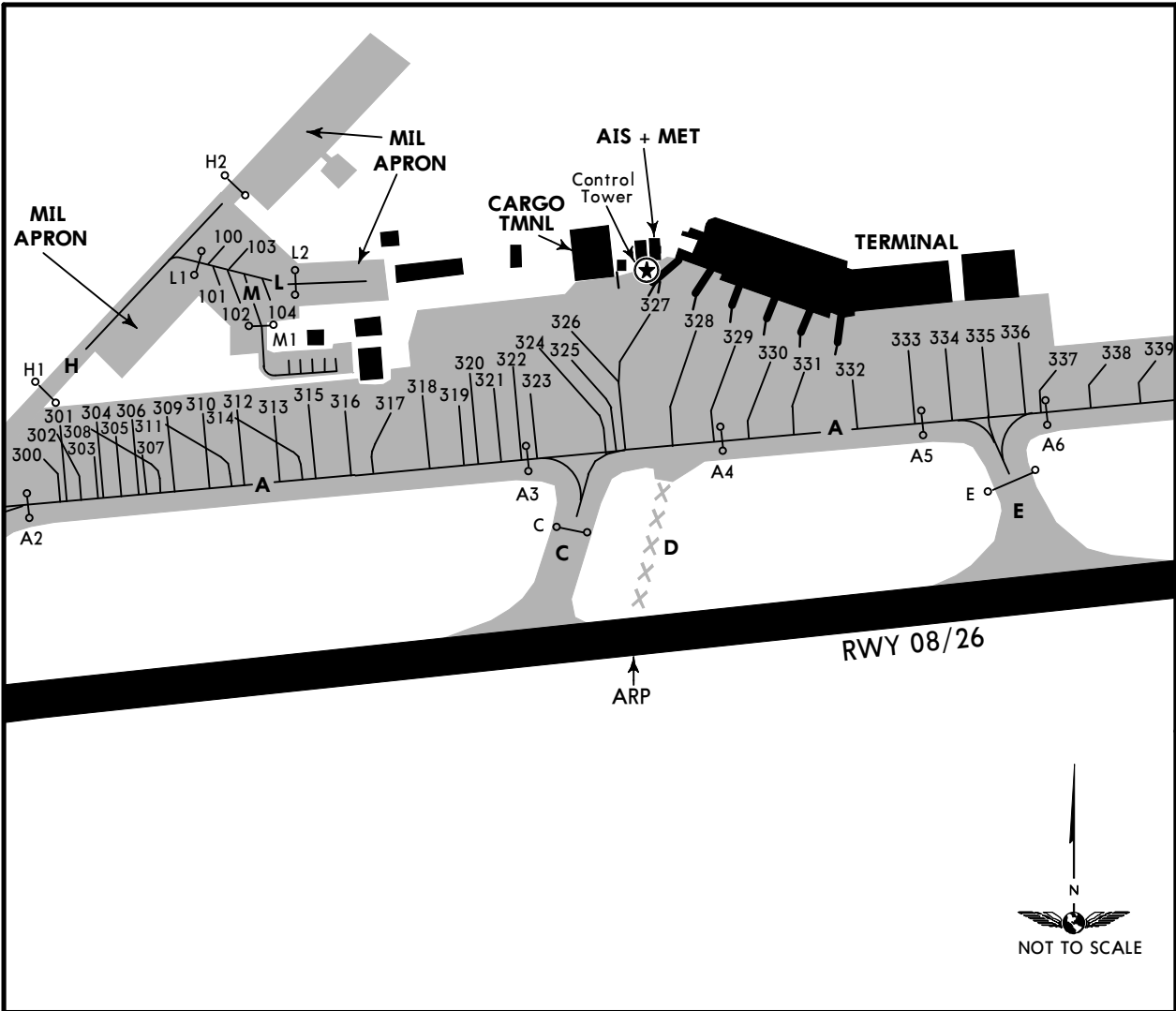
LICC/CTA

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CATANIA, ITALY

6 MAR 15 10-9A

FONTANAROSSA



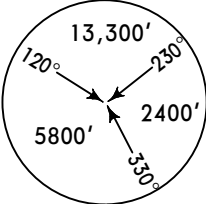
INS COORDINATES

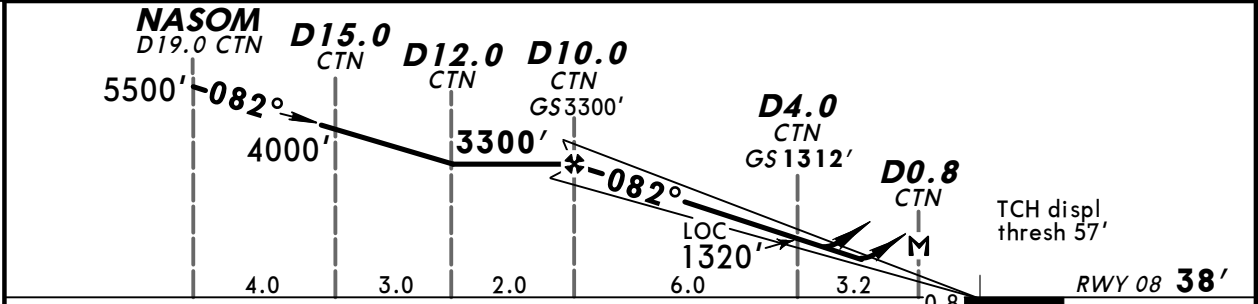
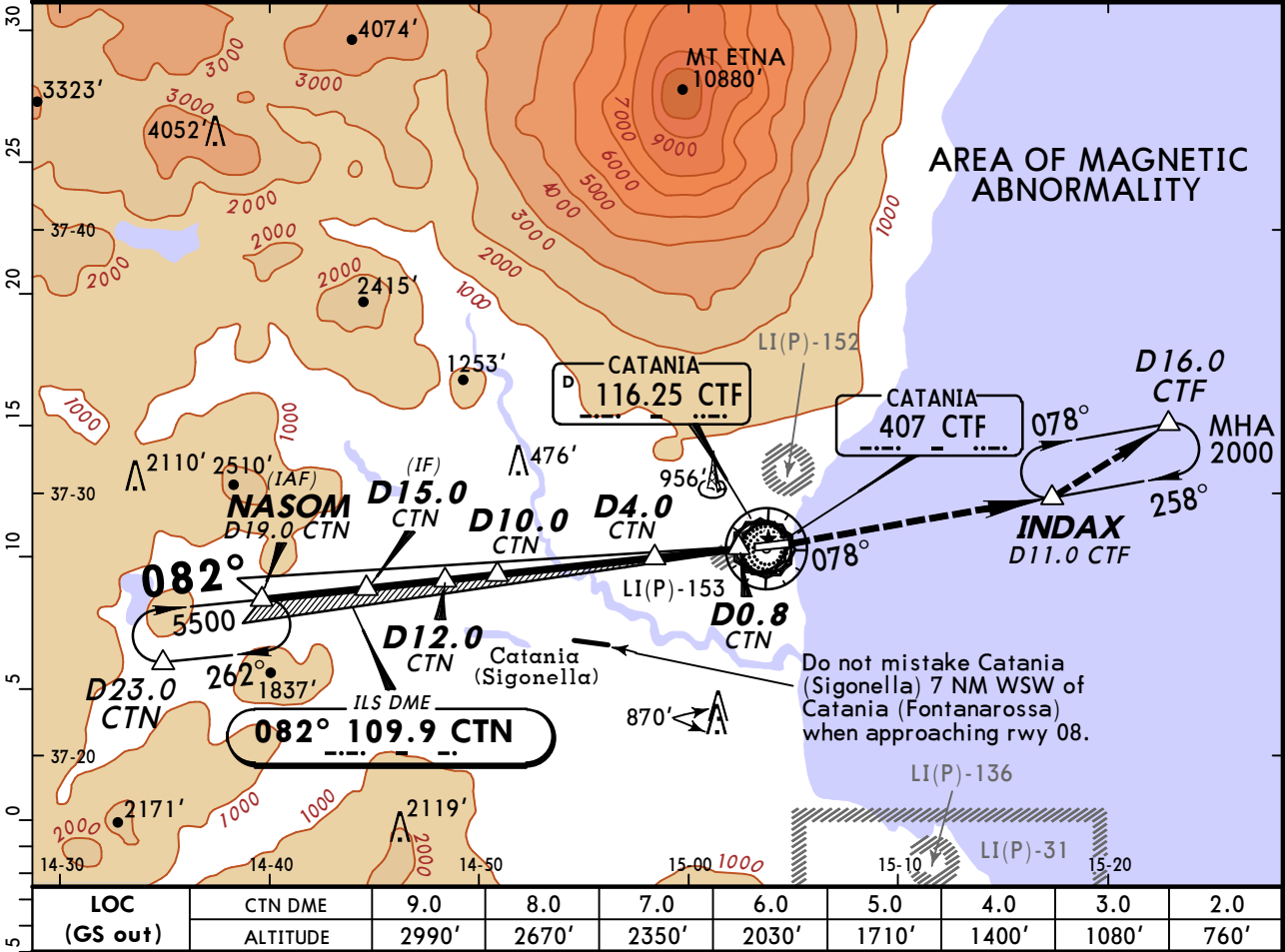
STAND No.	COORDINATES	STAND No.	COORDINATES
100 thru 104	N37 28.2 E015 03.5	331, 332	N37 28.2 E015 04.0
300	N37 28.1 E015 03.3	333 thru 336	N37 28.2 E015 04.1
301 thru 309	N37 28.1 E015 03.4	337, 338	N37 28.2 E015 04.2
310	N37 28.1 E015 03.5	339	N37 28.2 E015 04.3
311	N37 28.1 E015 03.4		
312 thru 314	N37 28.1 E015 03.5		
315 thru 317	N37 28.1 E015 03.6		
318 thru 323	N37 28.1 E015 03.7		
324 thru 327	N37 28.2 E015 03.8		
328 thru 330	N37 28.2 E015 03.9		

LICC/CTA
FONTANAROSSA

JEPPESSEN
7 FEB 14 (11-1)

CATANIA, ITALY
ILS or LOC Z Rwy 08

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72		
LOC CTN 109.9	Final Apch Crs 082°	GS D4.0 CTN 1312' (1274')	ILS DA(H) Refer to Minimums	Apt Elev 39' RWY 38'		
MISSED APCH: As soon as practicable join R-078 and climb to 2000' to INDAX and hold.						
Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000' 1. VOR DME required. 2. ILS DME reads zero at rwy 08 displ thresh. 3. Mt ETNA 10880' 17.0 NM North of apt. 4. Possible existence of volcanic cloud up to 20000'.						



Gnd speed-Kts	70	90	100	120	140	160	HIALS		2000' CTF	
ILS GS or							REIL	PAPI	onto 116.25 INDAX	
LOC Descent Angle	3.00°	372	478	531	637	743	PAPI	PAPI	R-078	
MAP at D0.8 CTN										

Standard STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND			
ILS DA(H) A: 268' (230') C: 288' (250') B: 278' (240') D: 298' (260')		LOC (GS out) DA(H) 650' (612')		Not authorized North of airport			
FULL/Limited		ALS out		Max Kts	MDA(H)	VIS	
A		RVR 1200m		100	660' (621')	1500m	
B		RVR 1000m		135	660' (621')	1600m	
C		RVR 1300m		180	780' (741')	2400m	
D		RVR 1100m		205	800' (761')	3600m	

LICC/CTA FONTANAROSSA

JEPPESSEN

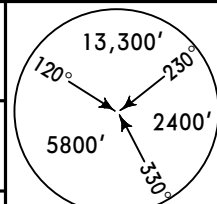
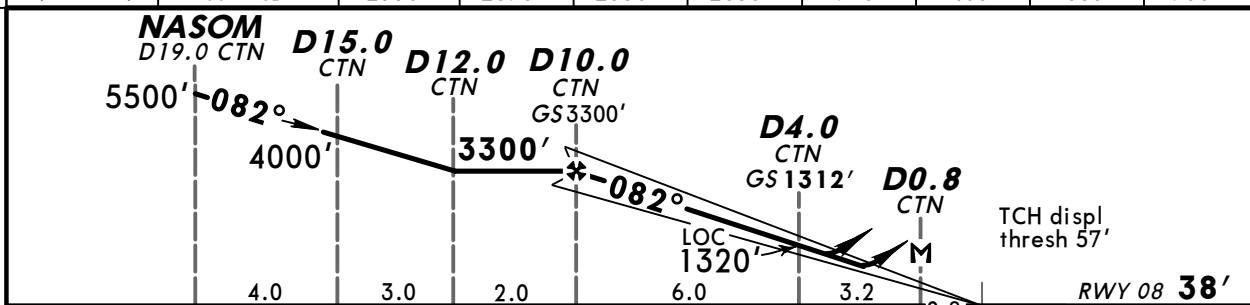
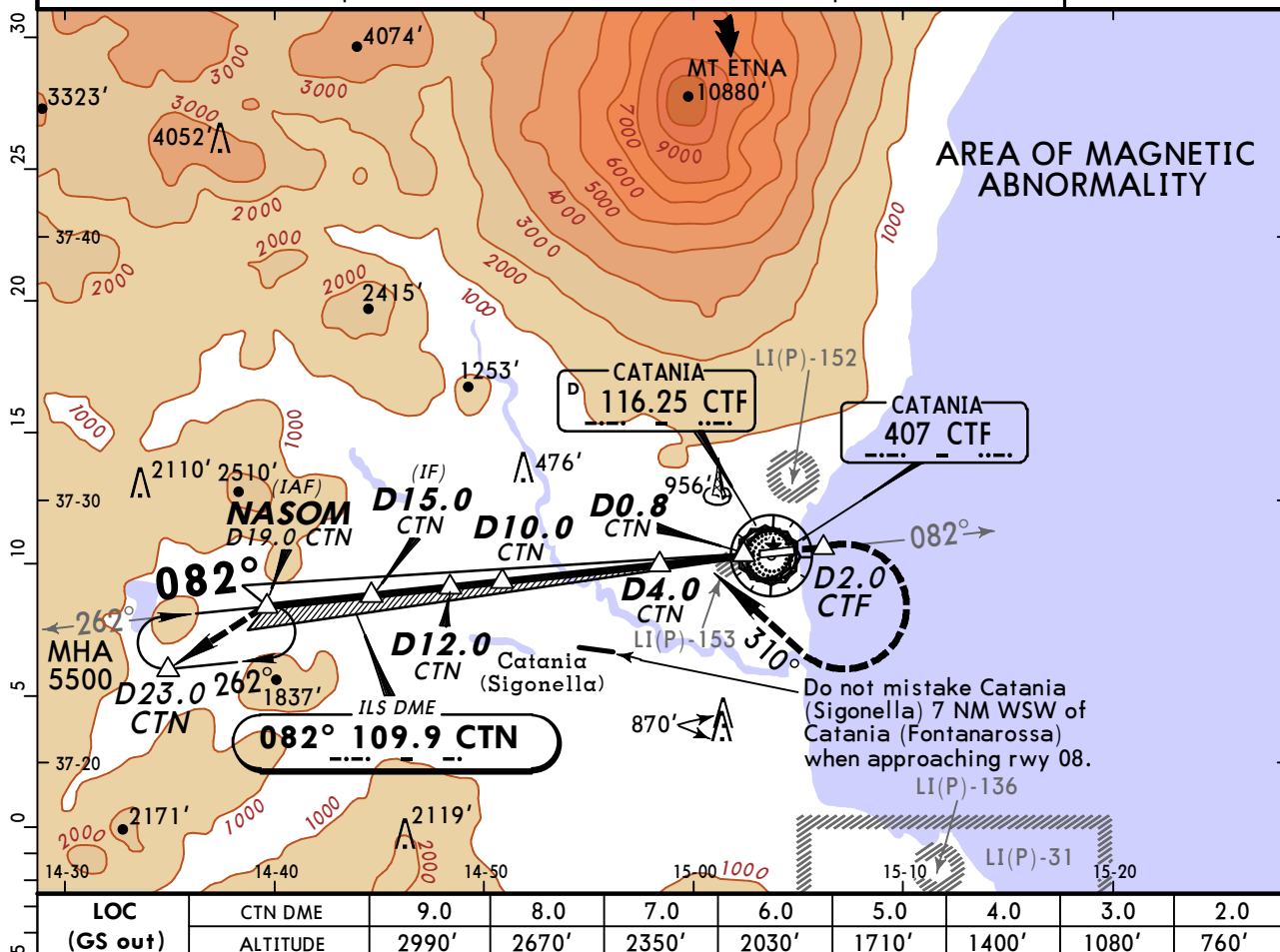
7 FEB 14

(11-2)

CONTINGENCY

CATANIA, ITALY ILS or LOC Y Rwy 08

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
LOC CTN 109.9	Final Apch Crs 082°	GS D4.0 CTN 1312' (1274')	ILS DA(H) Refer to Minimums	Apt Elev 39'	RWY 38'
MISSED APCH: Maintain 082° and climb to 5500'. At D2.0 CTF turn RIGHT (MAX 200 KT) onto 310° to join and follow R-262 to holding.					
Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000' 1. VOR DME required. 2. ILS DME reads zero at rwy 08 displ thresh. 3. Mt ETNA 10880' 17.0 NM North of apt. 4. Possible existence of volcanic cloud up to 20000'.					


MSA
CTF VOR/NDB


Gnd speed-Kts	70	90	100	120	140	160	HIALS	
ILS GS or							REIL	D2.0 CTF
LOC Descent Angle	3.00°	372	478	531	637	743	PAPI	on 082°
MAP at D0.8 CTN								

Standard				STRAIGHT-IN LANDING RWY 08						CIRCLE-TO-LAND I	
Missed apch climb gradient mim 3.2%				Missed apch climb gradient mim 2.5%		Not authorized North of airport					
DA(H) A: 268'(230') B: 278'(240')		ILS C: 288'(250') D: 298'(260')		LOC (GS out) DA(H) 650'(612')		ILS DA(H) 1250'(1212')		LOC (GS out) DA(H) 1250'(1212')		Max Kts	MDA(H) VIS
FULL/Limited		ALS out		ALS out		ALS out		ALS out			
A	RVR 1000m	RVR 1200m	RVR 1500m	RVR 1500m	CMV 5000m					100	660'(621') 1500m
B		RVR 1300m	CMV 2400m	CMV 2400m						135	660'(621') 1600m
C										180	780'(741') 2400m
D	RVR 1100m									205	800'(761') 3600m

With missed apch climb gradient mim 2.5%: MDA(H) 1260' (1221'), VIS 5000m.

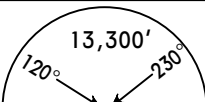
CHANGES: Lights. Minimums.

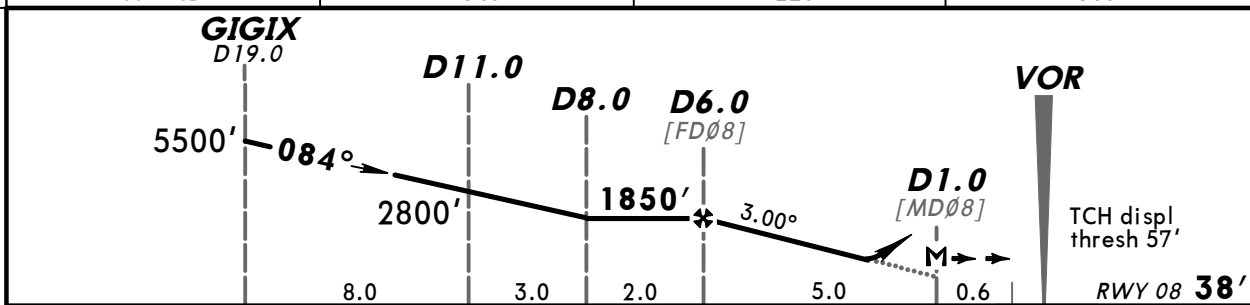
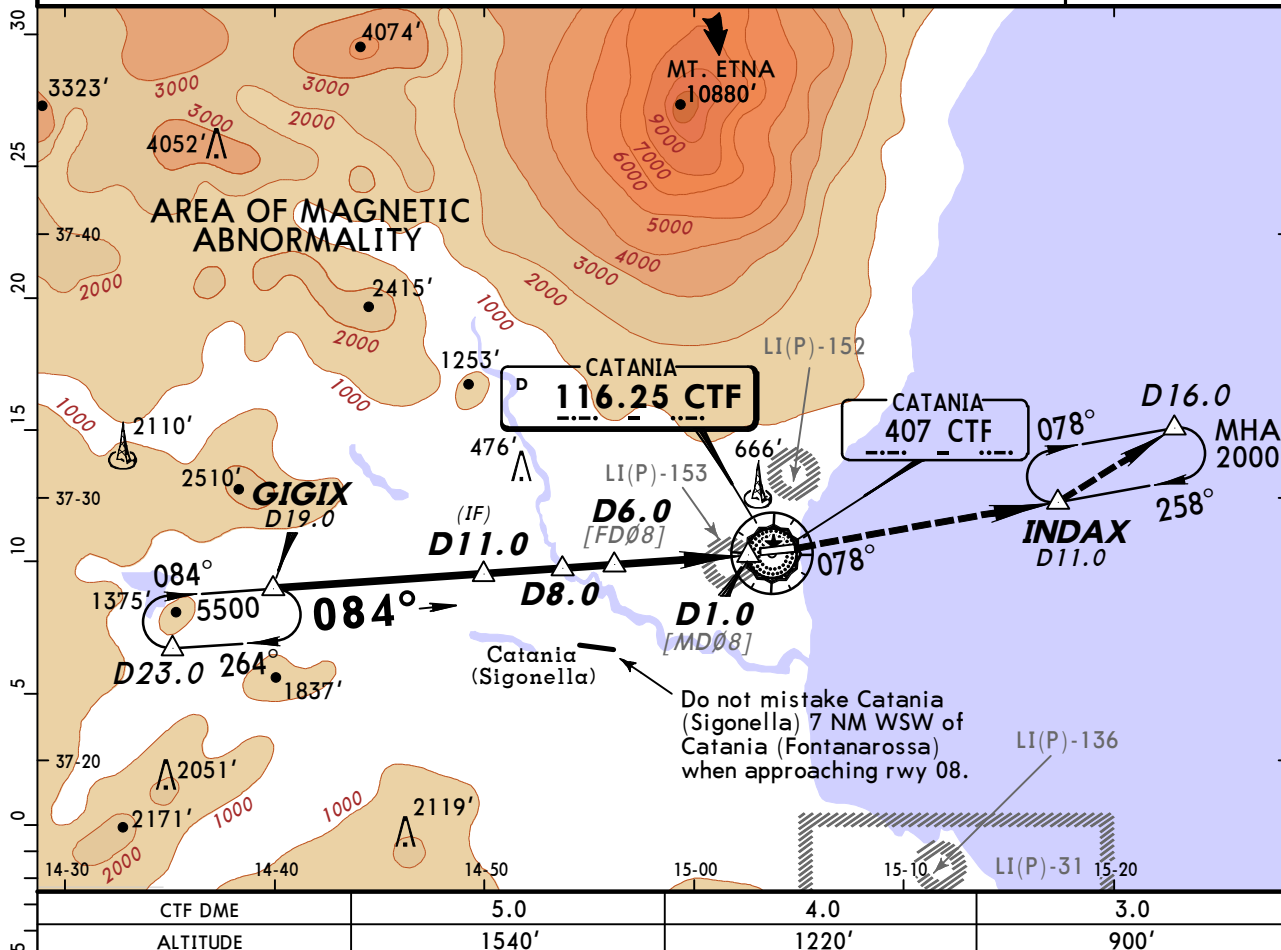
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JEPPESSEN
1 OCT 10 **(13-1)**

CATANIA, ITALY
VOR Z Rwy 08

BRIEFING STRIP™	CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72		
	VOR CTF 116.25	Final Apch Crs 084°	Minimum Alt D6.0 1850' (1812')	DA(H) 650' (612')	Apt Elev 39' RWY 38'	 MSA CTF VOR/NDB	
	MISSED APCH: As soon as practicable join R-078 and climb to 2000' to INDAX and hold.						
	Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000'						
	1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.						



Gnd speed-Kts	70	90	100	120	140	160	REIL PAPI	2000' LT	CTF onto 116.25 R-078	INDAX
Descent Angle 3.00°	372	478	531	637	743	849				
MAP at D1.0										

Standard				CIRCLE-TO-LAND		
STRAIGHT-IN LANDING RWY 08				Not authorized North of airport		
DA(H) 650' (612')				Max Kts	MDA(H)	VIS
A	RVR 1500m			100	660' (621')	1500m
B				135	660' (621')	1600m
C	CMV 2400m			180	780' (741')	2400m
D				205	800' (761')	3600m

CHANGES: Descent angle. Minimums.

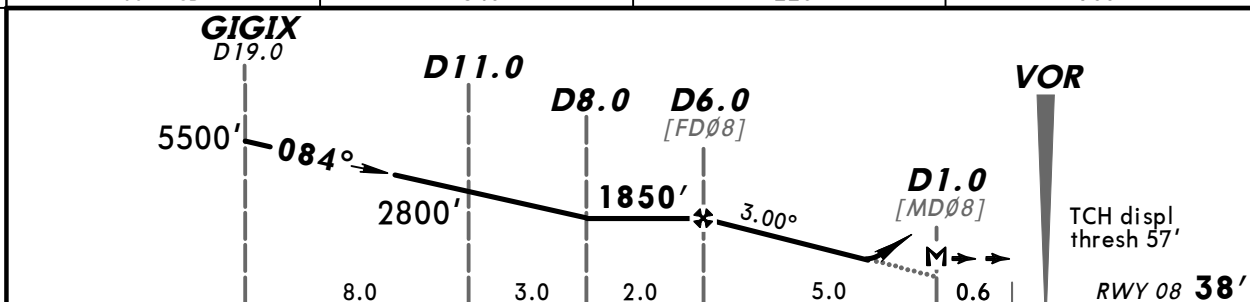
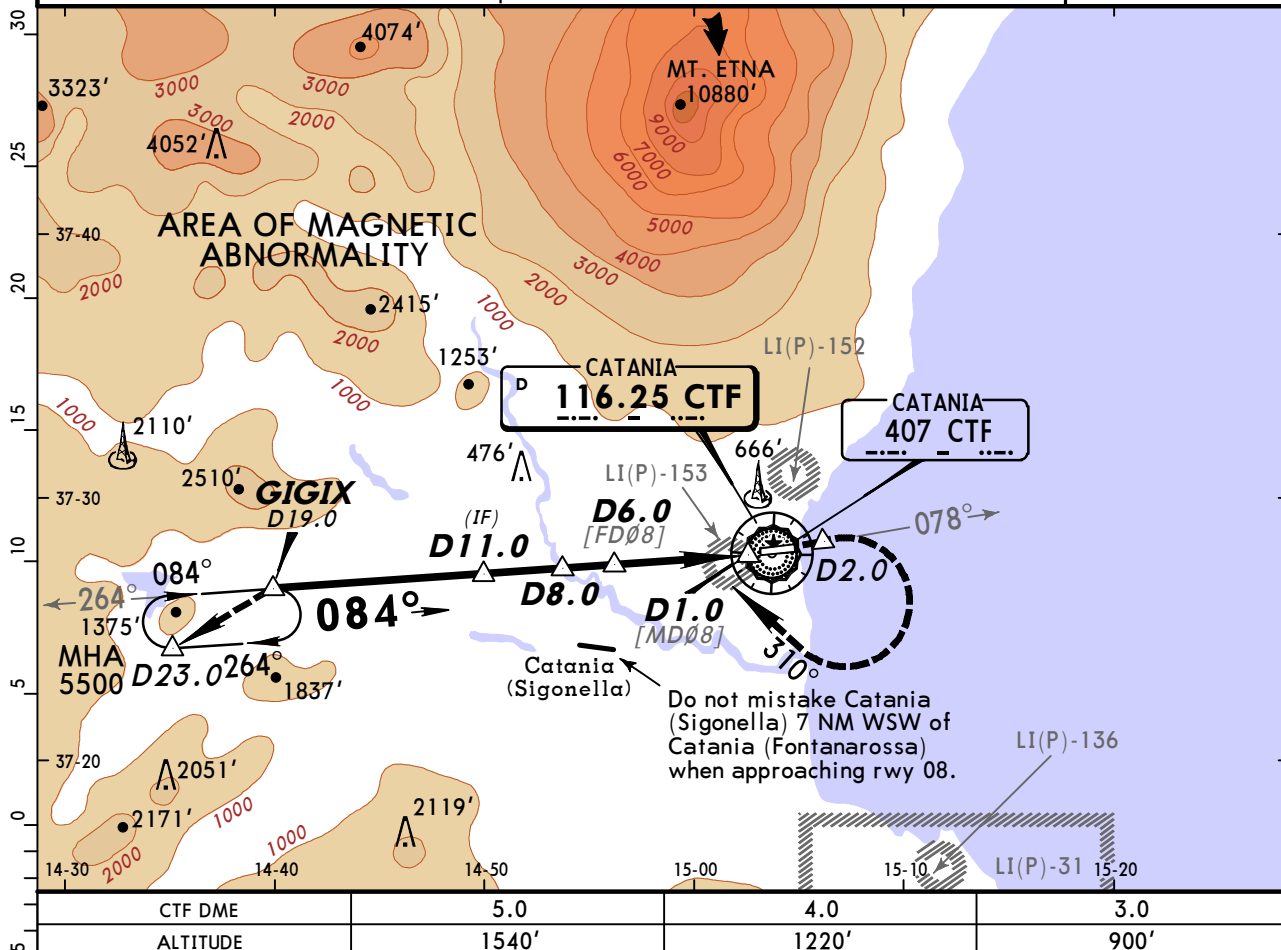
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JEPPesen
1 OCT 10 **(13-2)**

CATANIA, ITALY
CONTINGENCY **VOR Y Rwy 08**

BRIEFING STRIP™	CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
	VOR CTF 116.25	Final Aptch Crs 084°	Minimum Alt D6.0 1850' (1812')	DA(H) Refer to Minimums	Apt Elev 39' RWY 38'	 MSA CTF VOR/NDB
	MISSED APCH: As soon as practicable join R-078 and climb to 5500'. At D2.0 turn RIGHT (MAX 200 KT) onto 310° to join and follow R-264 to holding.					
	Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000' 1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.					



Gnd speed-Kts	70	90	100	120	140	160	REIL PAPI	D2.0 CTF on 116.25 R-078
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D1.0								

Standard			STRAIGHT-IN LANDING RWY 08		CIRCLE-TO-LAND 1		
Missed apch climb gradient mim 3.2%		Missed apch climb gradient mim 2.5%		Not authorized North of airport			
DA(H) 650' (612')		DA(H) 1250' (1212')		Max Kts	MDA(H)	VIS	
A	RVR 1500m		CMV 5000m		100	660' (621')	1500m
B					135	660' (621')	1600m
C	CMV 2400m				180	780' (741')	2400m
D					205	800' (761')	3600m

1 With missed apch climb gradient mim 2.5%: MDA(H) 1260' (1221'), VIS 5000m.

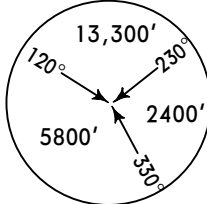
CHANGES: Descent angle. Minimums.

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LICC/CTA FONTANAROSSA

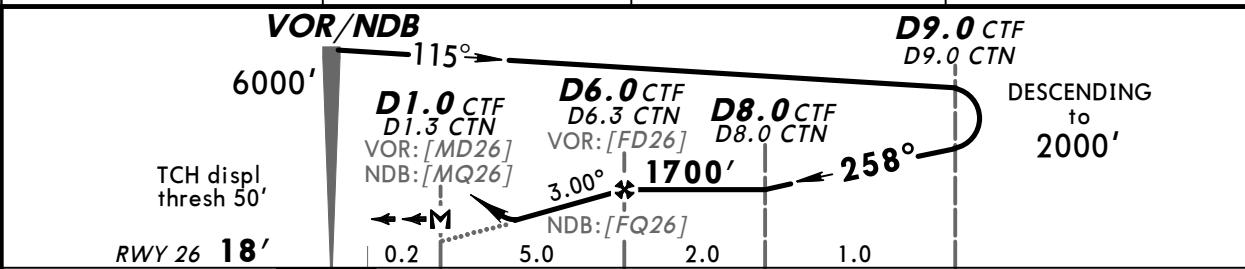
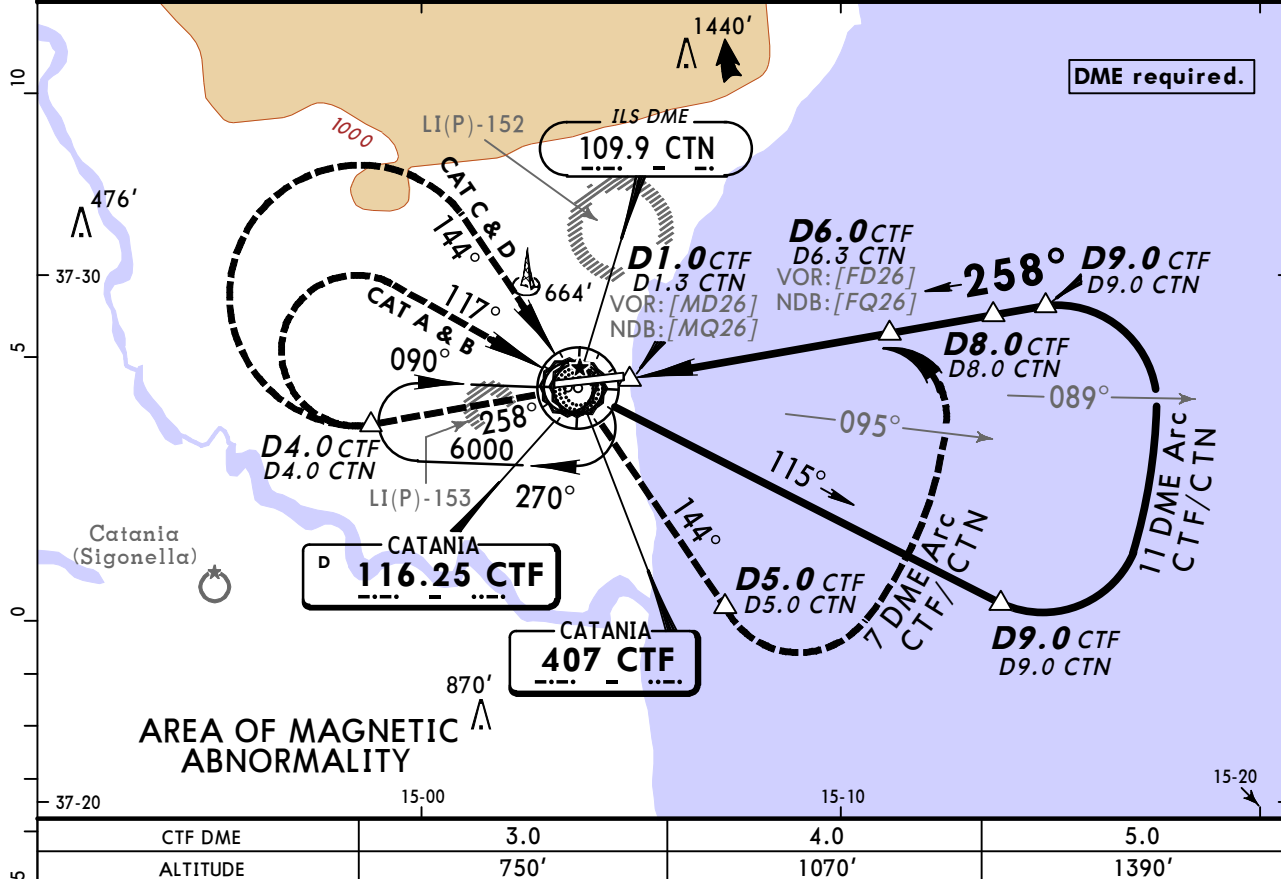
7 FEB 14 **(13-3)**

CATANIA, ITALY VOR Z or NDB Rwy 26

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
VOR CTF 116.25	Final Apch Crs 258°	Minimum Alt D6.0 CTF 1700' (1682')	DA(H) 630' (612')	Apt Elev 39' RWY 18'	 MSA CTF VOR/NDB
NDB CTF 407					

MISSED APCH: Climb to 5000' and proceed on 258°. At D4.0 CTF/CTN turn RIGHT (MAX 210 KT) onto 144° (CAT A & B: 117°) to VOR/NDB. Leave VOR/NDB on R-144. At D5.0 CTF/CTN turn LEFT to join and follow 7 DME Arc CTF/CTN. Crossing R-095 turn LEFT to join and follow R-078 inbound to holding.

Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000'
1. Mt ETNA 10880' 17.0 NM North of apt. 2. Possible existence of volcanic cloud up to 20000'.



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at D1.0 CTF/ D1.3 CTN						

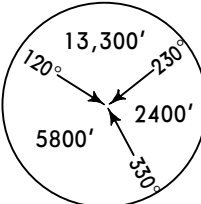
HIALS	D4.0
REIL -	CTF/CTN on 258°
PAPI - PAPI	

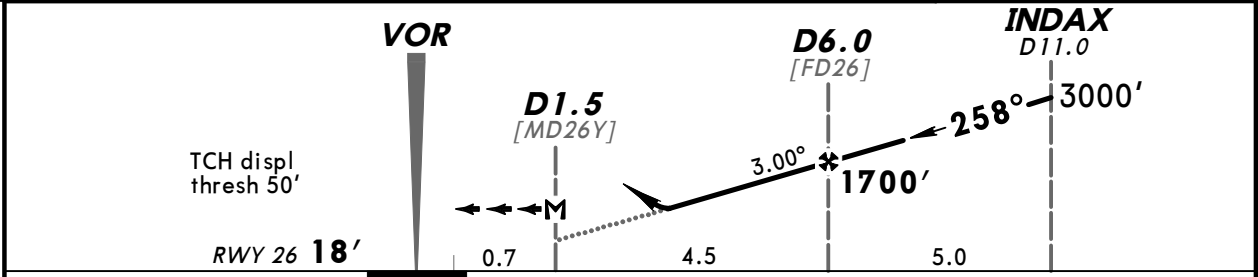
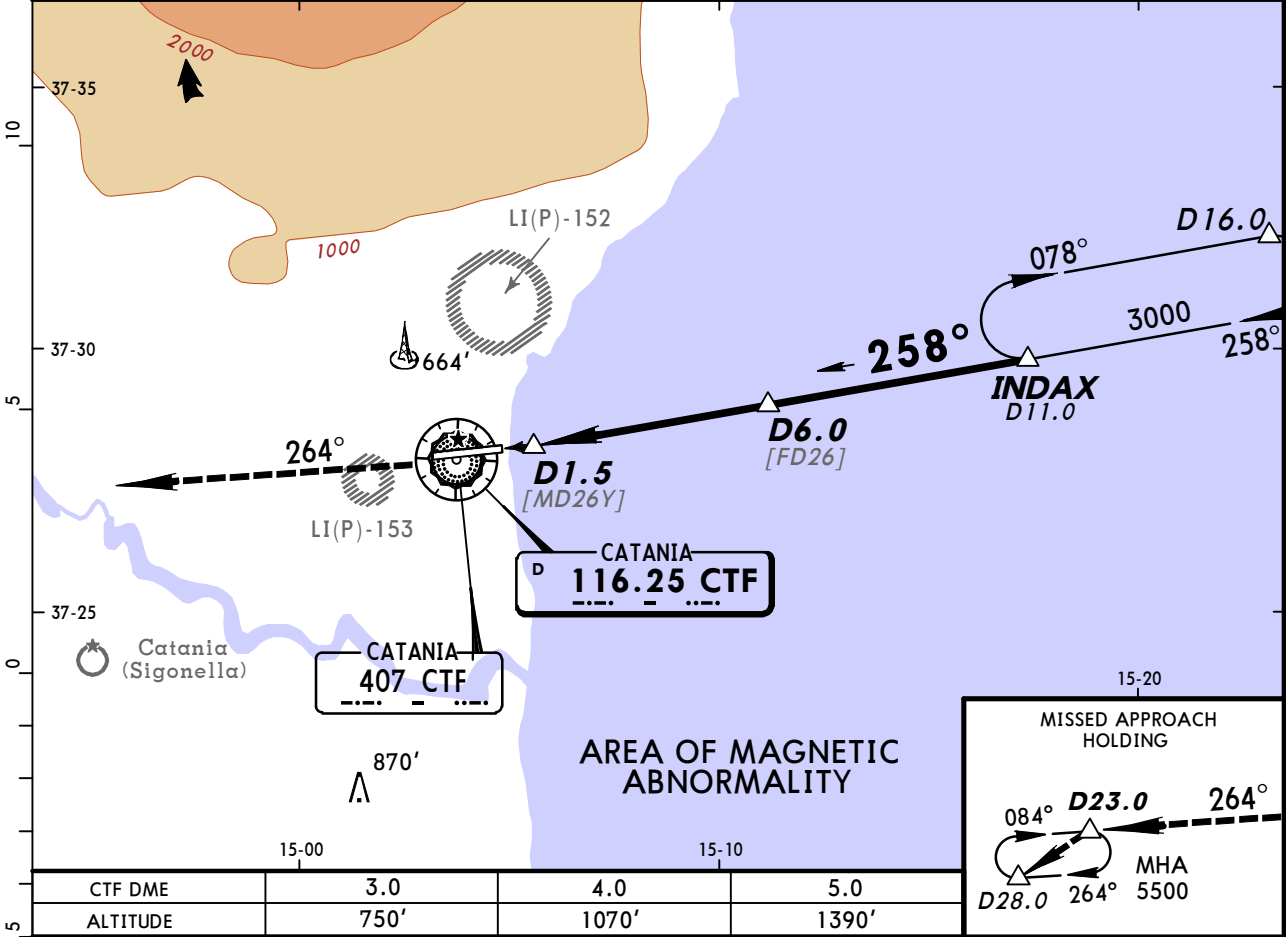
Standard STRAIGHT-IN LANDING RWY 26			CIRCLE-TO-LAND		
DA(H) 630' (612')			Not authorized North of airport		
ALS out			Max Kts	MDA(H)	VIS
A	RVR 1500m		100	660' (621')	1500m
B			135	660' (621')	1600m
C	CMV 2400m		180	780' (741')	2400m
D			205	800' (761')	3600m

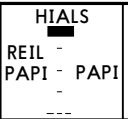
LICC/CTA
FONTANAROSSA

JEPPESSEN
7 FEB 14 (13-4)

CATANIA, ITALY
VOR Y Rwy 26

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
VOR CTF 116.25	Final Apch Crs 258°	Minimum Alt D6.0 1700' (1682')	DA(H) Refer to Minimums	Apt Elev 39' RWY 18'	 MSA CTF VOR/NDB
MISSED APCH: Climb to 5500' to VOR and proceed on R-264 to holding.					
Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000'					
1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.					



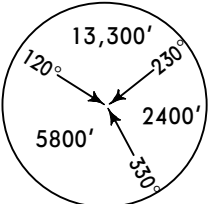
Gnd speed-Kts	70	90	100	120	140	160			5500' on 116.25 R-264
Descent Angle 3.00°	372	478	531	637	743	849			
MAP at D1.5									

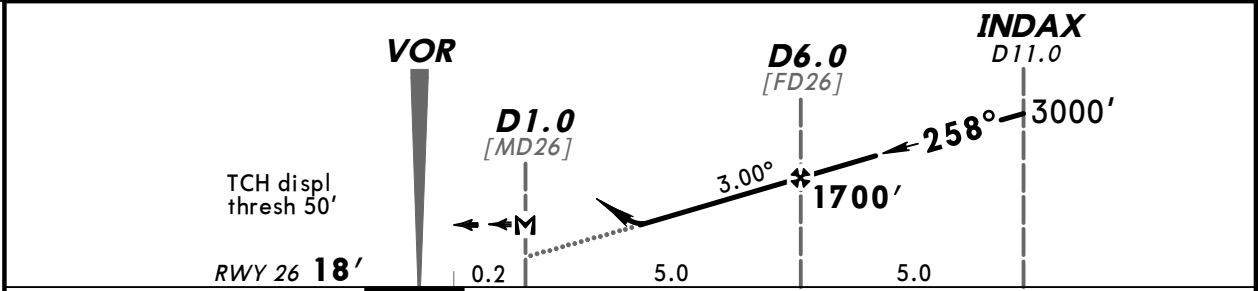
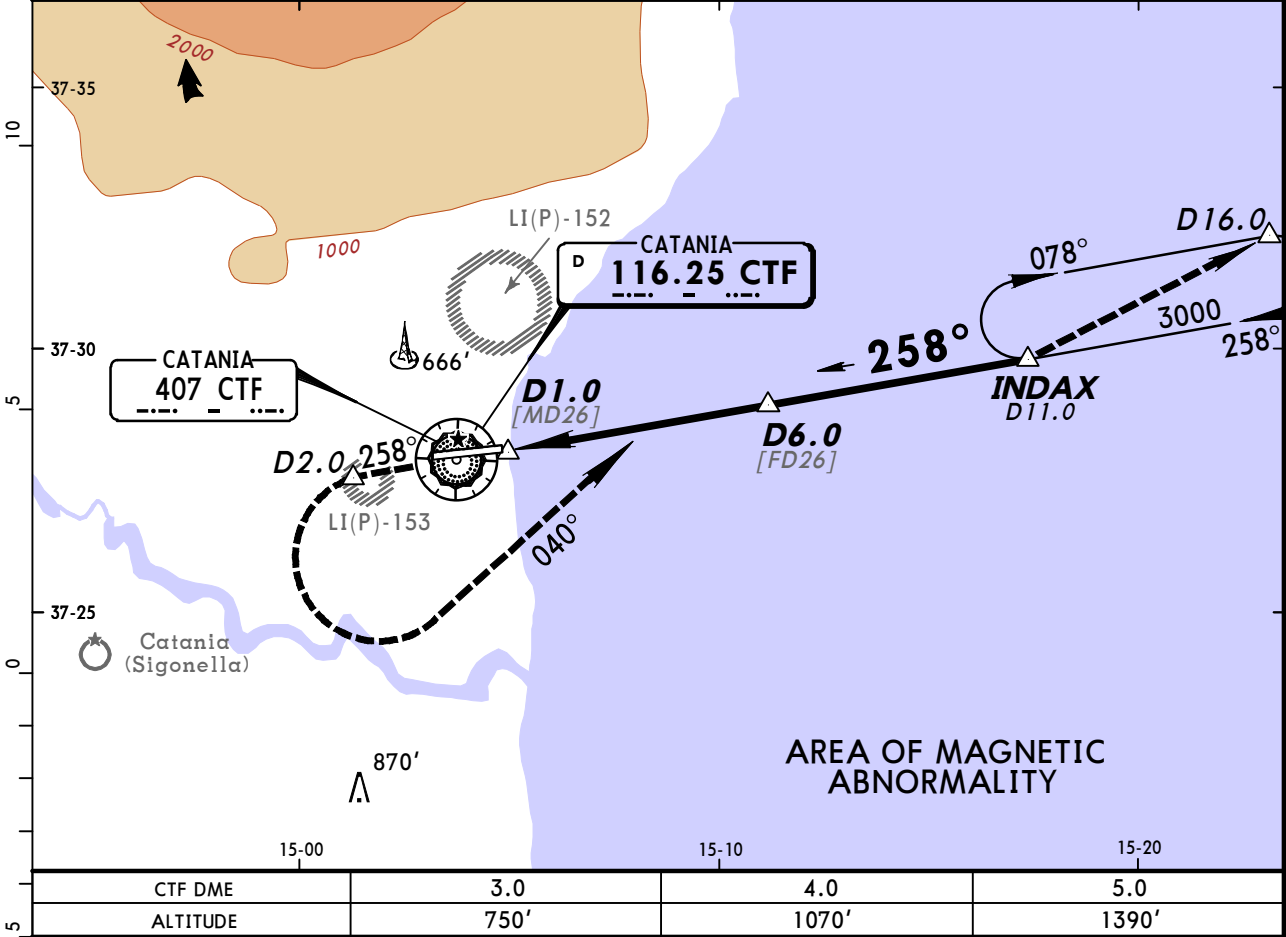
Standard		STRAIGHT-IN LANDING RWY 26		CIRCLE-TO-LAND 1		
Missed apch climb gradient mim 3.2%		Missed apch climb gradient mim 2.5%		Not authorized North of airport		
DA(H) 630' (612')		DA(H) 1250' (1232')				
ALS out		ALS out		Max Kts	MDA(H) VIS	
A	RVR 1500m	CMV 5000m		100	660' (621') 1500m	
B				135	660' (621') 1600m	
C	CMV 2400m			180	780' (741') 2400m	
D				205	800' (761') 3600m	

LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 **(13-5)**

CATANIA, ITALY
CONTINGENCY **VOR X Rwy 26**

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
VOR CTF 116.25	Final Apch Crs 258°	Minimum Alt D6.0 1700' (1682')	DA(H) 630' (612')	Apt Elev 39' RWY 18'	 MSA CTF VOR/NDB
MISSED APCH: Climb to 3000' and proceed on R-258. At D2.0 turn LEFT onto 040° to join and follow R-078 to INDAX holding.					
Alt Set: hPa		Rwy Elev: 1 hPa	Trans level: By ATC	Trans alt: 7000'	
1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.					



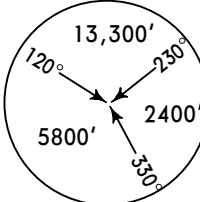
Gnd speed-Kts	70	90	100	120	140	160	REIL PAPI	D2.0 ↑ on CTF 116.25 R-258
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D1.0								

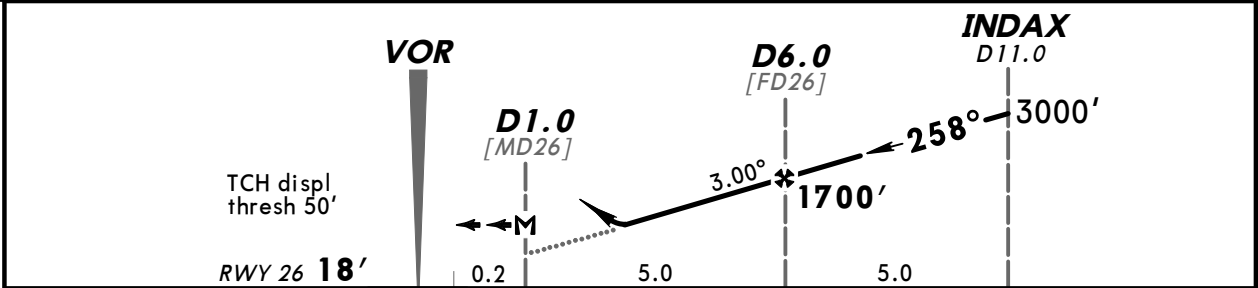
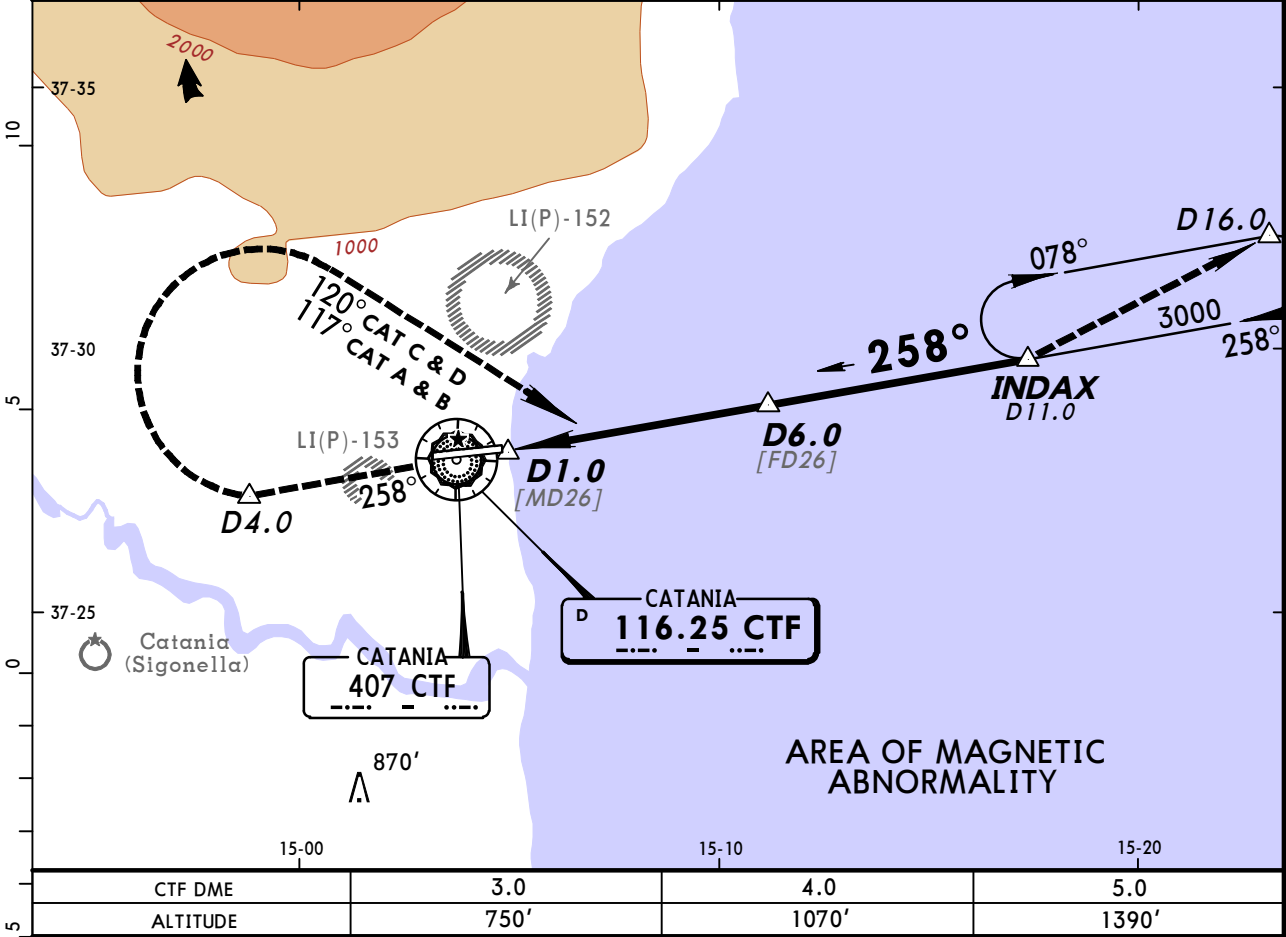
Standard		STRAIGHT-IN LANDING RWY 26		CIRCLE-TO-LAND Not authorized North of airport	
		DA(H) 630' (612')		Max Kts. MDA(H) VIS	
A			RVR 1500m	100	660' (621') 1500m
B				135	660' (621') 1600m
C			CMV 2400m	180	780' (741') 2400m
D				205	800' (761') 3600m

LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 **(13-6)**

CATANIA, ITALY
VOR W Rwy 26

CATANIA Radar (APP) 119.25		CATANIA Tower 118.7		*Ground 129.72	
VOR CTF 116.25	Final Apch Crs 258°	Minimum Alt D6.0 1700' (1682')	DA(H) 630' (612')	Apt Elev 39' RWY 18'	 MSA CTF VOR/NDB
MISSED APCH: Climb to 3000' and proceed on R-258. At D4.0 turn RIGHT (MAX 185 KT) onto 120° (CAT A & B: 117°) to join R-078 to INDAX holding.					
Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000'					
1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.					



Gnd speed-Kts	70	90	100	120	140	160	REIL PAPI	D4.0 on CTF 116.25 R-258
Descent Angle 3.00°	372	478	531	637	743	849		
MAP at D1.0								

Standard		STRAIGHT-IN LANDING RWY 26		CIRCLE-TO-LAND	
		DA(H) 630' (612')		Not authorized North of airport	
A		RVR 1500m		Max Kts	MDA(H) VIS
B				100	660' (621') 1500m
C				135	660' (621') 1600m
D		CMV 2400m		180	780' (741') 2400m
				205	800' (761') 3600m

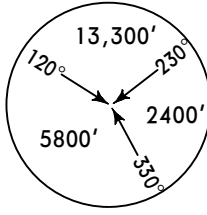
CHANGES: Descent angle. Minimums.

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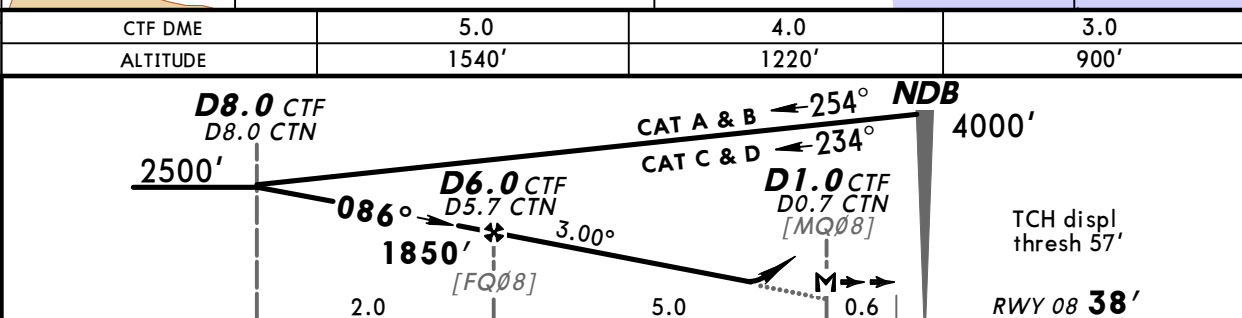
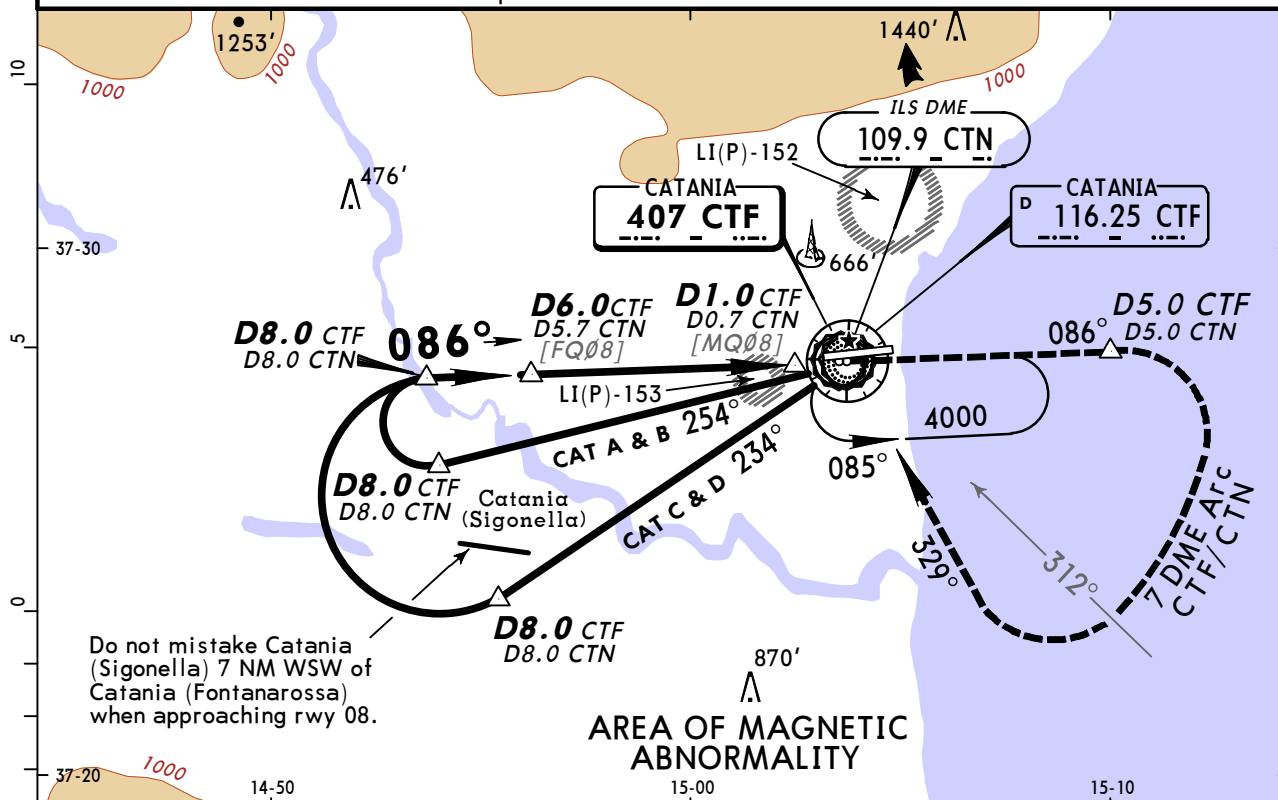
LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 (16-1)

CATANIA, ITALY
NDB Rwy 08

CATANIA Radar (APP)		CATANIA Tower		*Ground	
119.25		118.7		129.72	
NDB CTF 407	Final Aptch Crs 086°	Minimum Alt D6.0 CTF 1850' (1812')	DA(H) 700' (662')	Apt Elev 39' RWY 38'	
MISSED APCH: Climb to 3000' and proceed on 086°. At D5.0 CTF/CTN turn RIGHT to join and follow 7 DME Arc CTF/CTN. When crossing 312° CTF NDB turn RIGHT onto 329° to NDB holding.					MSA CTF NDB

Alt Set: hPa Rwy Elev: 1 hPa Trans level: By ATC Trans alt: 7000'
 1. **DME required.** 2. Mt ETNA 10880' 17.0 NM North of apt.
 3. Possible existence of volcanic cloud up to 20000'.



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at D1.0 CTF/D0.7 CTN						

REIL PAPI	D5.0 CTF/CTN on 086°
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Standard		STRAIGHT-IN LANDING RWY 08		CIRCLE-TO-LAND	
		DA(H) 700' (662')		Not authorized North of airport	
A	RVR 1500m	Max Kts	MDA(H)	VIS	
B		100	710' (671')	1500m	
C		135	710' (671')	1600m	
D	CMV 2400m	180	780' (741')	2400m	
		205	800' (761')	3600m	

Chart changes since cycle 26-2015

ADD = added chart, REV = revised chart, DEL = deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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CATANIA, (FONTANAROSSA - LICC)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport LICC