

List of pages in this Trip Kit

Trip Kit Index

Airport Information For LICC

Terminal Charts For LICC

Revision Letter For Cycle 13-2016

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: 0339 Z
Sunset: 1823 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

13 MAY 16

JEPPESSEN

10-1P

Eff 26 May

CATANIA, ITALY

AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

ATIS 127.675

1.2. TAXI PROCEDURES

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:

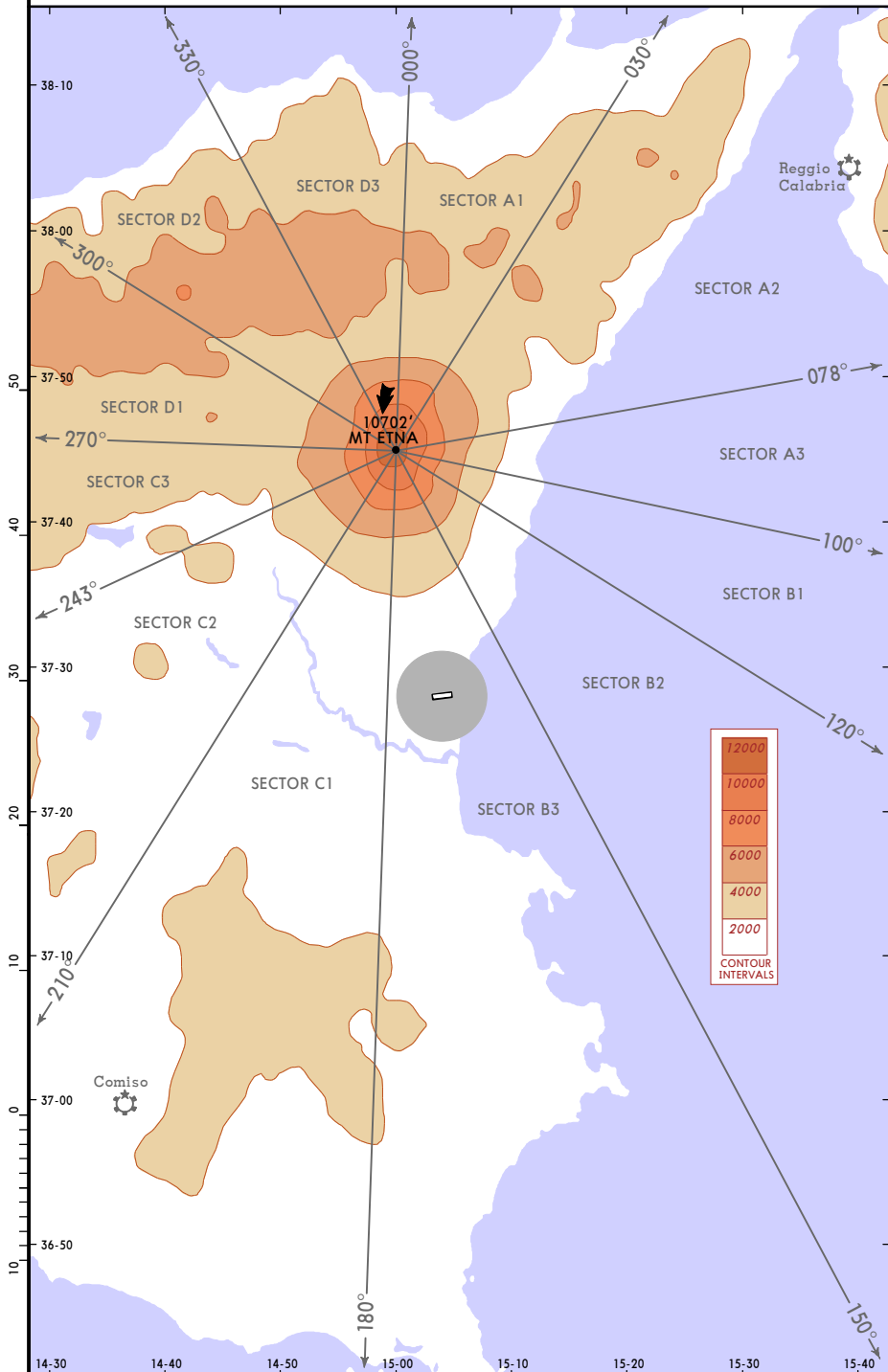
- RWY 08 via TWY F or G;
- RWY 26 via TWY A or B.

LICC/CTA
FONTANAROSSA

JEPPesen
26 DEC 14 10-1Q Eff 8 Jan

CATANIA, ITALY
OVERVIEW

ASH CLOUD SECTORS



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

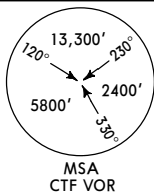
Depending on sector/s affected, STAR, SID and IAP are avbl as below described (if two or more sectors are interdicted to flight ops, the most restrictive provision will be applied):

- 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
8 APR 16 (10-2A)

CATANIA, ITALY
STAR



ATIS
127.675

Apt Elev
39'

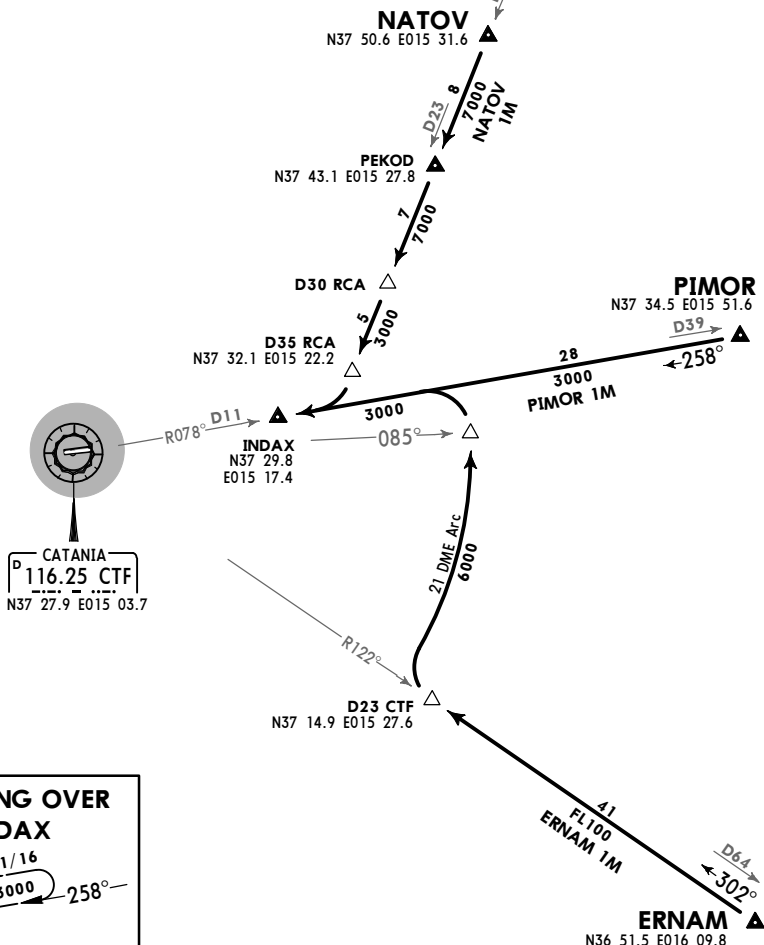
Alt Set: hPa
Trans level: By ATC Trans alt: 7000'

ERNAM 1M [ERNA1M] ① NATOV 1M [NATO1M]
PIMOR 1M [PIMO1M]
RWY 26 ARRIVALS
BASED ON CTF VOR
DME REQUIRED

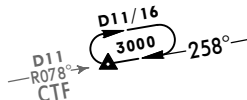
① STAR partially outside controlled airspace.



REGGIO
CALABRIA
D 111.0 RCA
N38 04.6 E015 38.7



HOLDING OVER
INDAX



STAR	ROUTING
ERNAM 1M	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 to INDAX.
NATOV 1M	On RCA R-200 via PEKOD to D35 RCA, turn RIGHT, intercept CTF R-078 inbound to INDAX.
PIMOR 1M	On CTF R-078 inbound to INDAX.

LICC/CTA
FONTANAROSSA

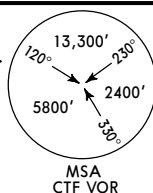
JEPPESSEN
8 APR 16 (10-2C)

CATANIA, ITALY
STAR

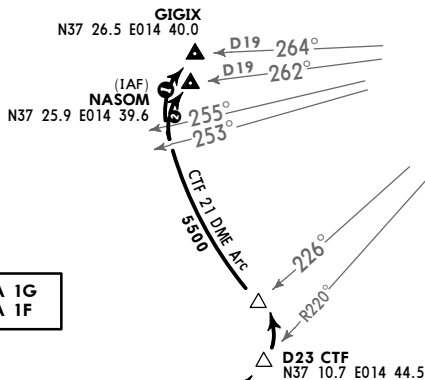
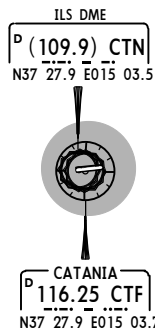
ATIS
127.675

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



1 NELDA 1G
2 NELDA 1F

NELDA
N36 51.8
E014 23.6



HOLDINGS OVER
GIGIX NASOM



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.

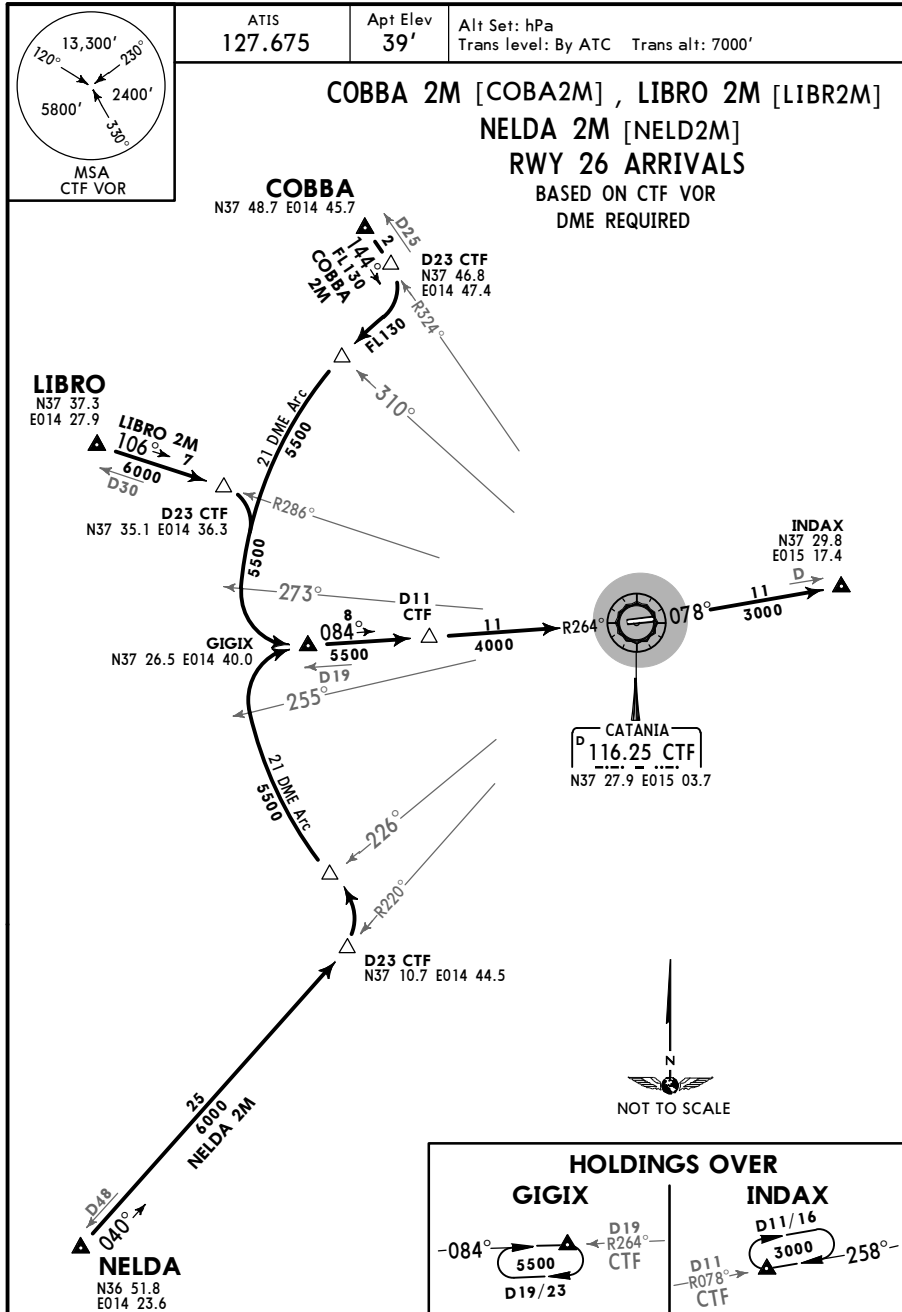
NELDA 1G

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

JEPPesen
8 APR 16 (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

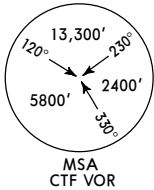
JEPPESSEN
8 APR 16 (10-2E)

CATANIA, ITALY
STAR

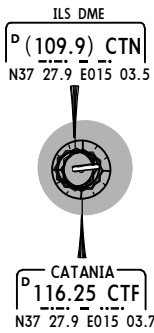
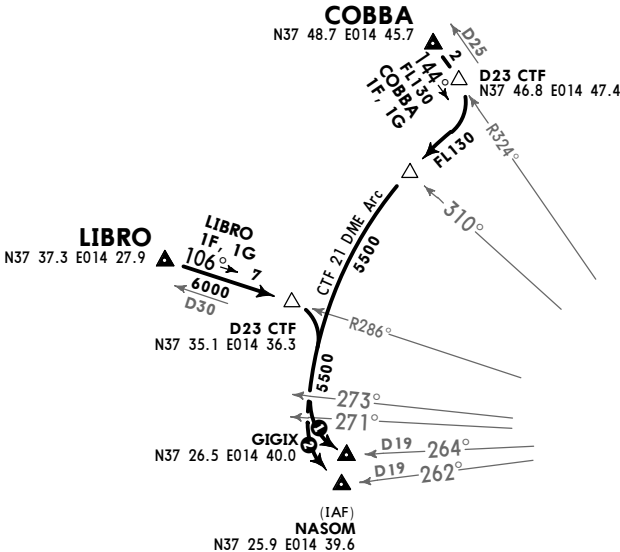
ATIS
127.675

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

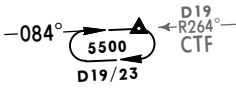


- 1 COBBA 1G
- 2 COBBA 1F
- LIBRO 1G
- LIBRO 1F

HOLDINGS OVER

GIGIX

NASOM



STAR

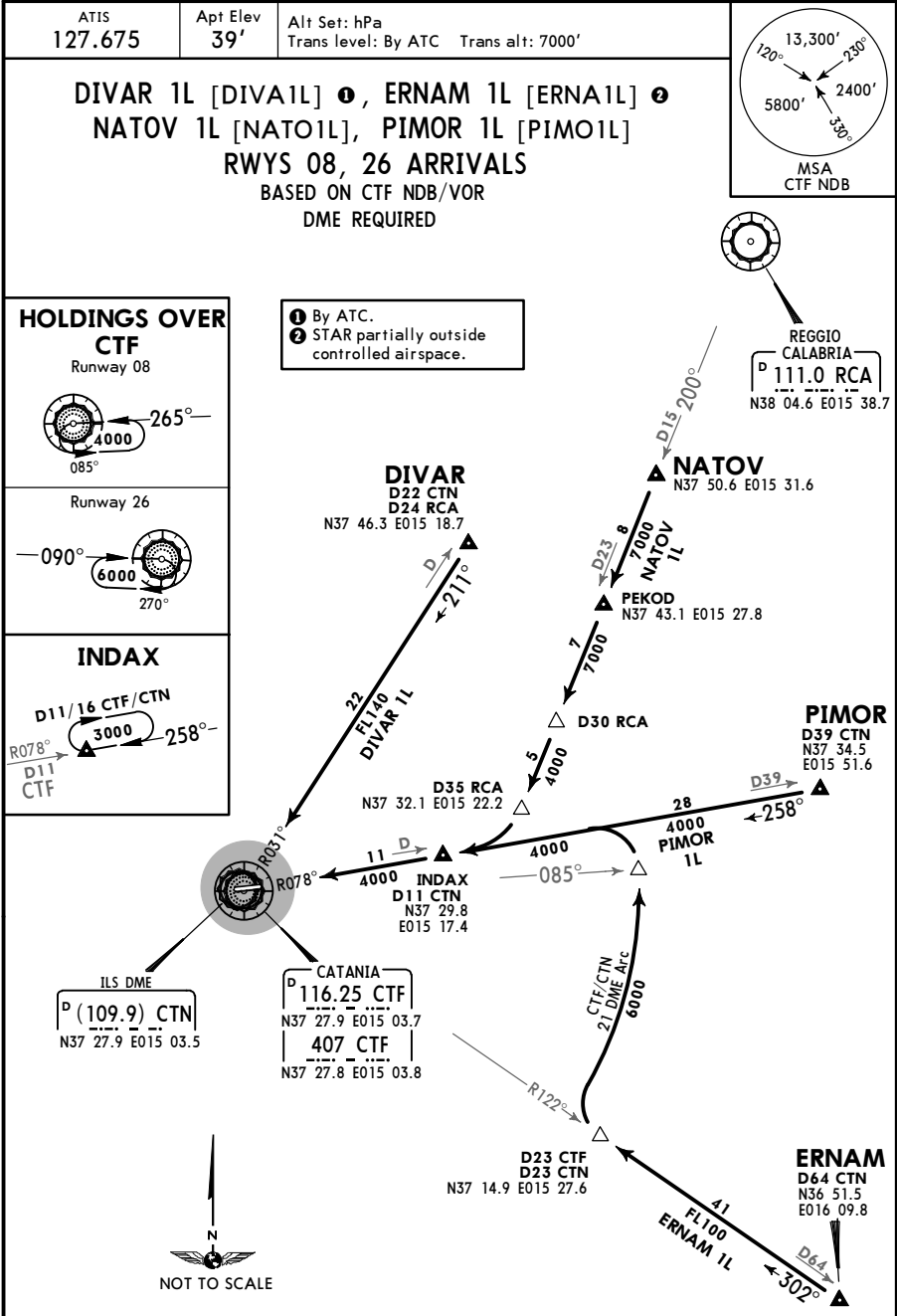
ROUTING

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

JEPPesen
8 APR 16 (10-2F)

CATANIA, ITALY
STAR

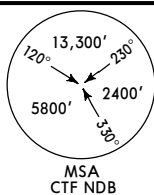


STAR	ROUTING
DIVAR 1L	On CTF R-031 inbound to CTF.
ERNAM 1L	On CTF R-122 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-085 turn LEFT, intercept CTF R-078 inbound via INDAX to CTF.
NATOV 1L	On RCA R-200 via PEKOD to D35 RCA, turn RIGHT, intercept CTF R-078 inbound via INDAX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

LICC/CTA
FONTANAROSSA

JEPPesen
8 APR 16 10-2G

CATANIA, ITALY
STAR

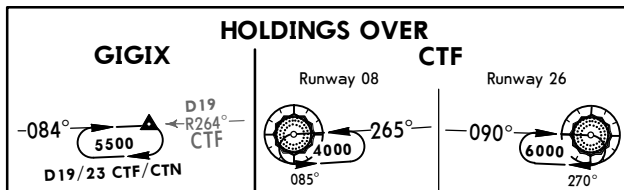
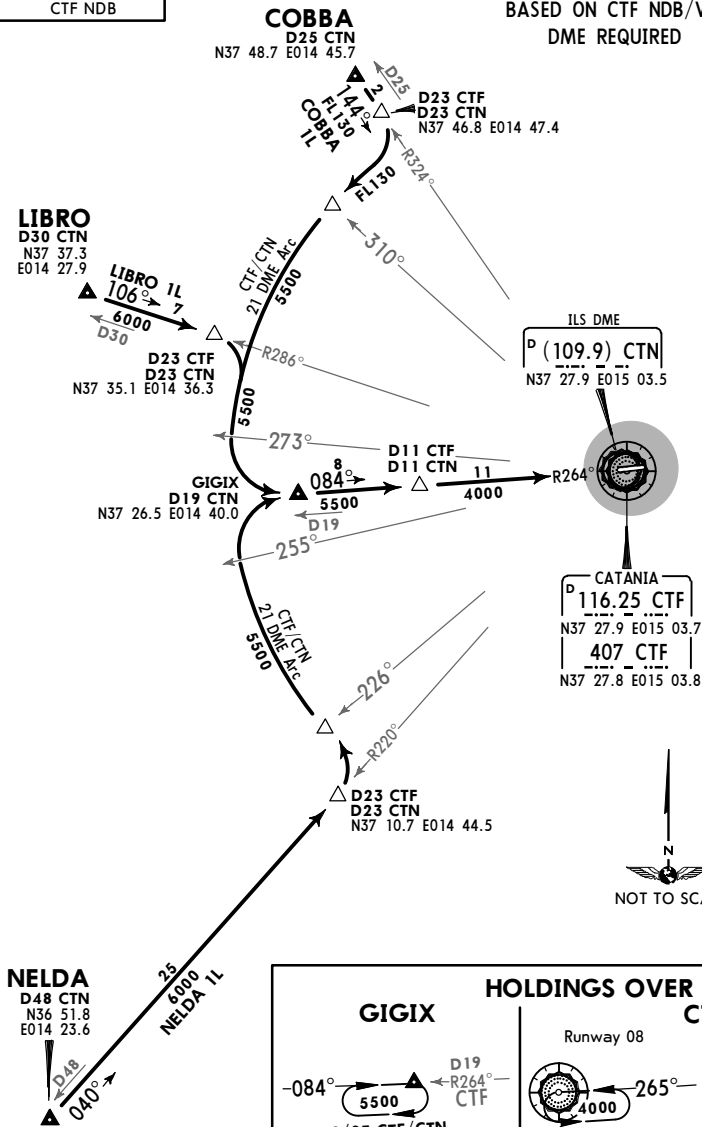


ATIS
127.675

Apt Elev
39'

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

COBBA 1L [COBA1L] , LIBRO 1L [LIBR1L]
NELDA 1L [NELD1L]
RWYS 08, 26 ARRIVALS
BASED ON CTF NDB/VOR
DME REQUIRED



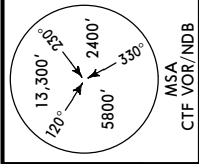
STAR	ROUTING
COBBA 1L	On CTF R-324 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound via GIGIX to CTF.
LIBRO 1L	On CTF R-286 inbound to D23 CTF, turn RIGHT, along CTF 21 DME arc, when passing CTF R-273 turn LEFT, intercept CTF R-264 inbound via GIGIX to CTF.
NELDA 1L	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.

LICC/CTA
FONTANAROSSA

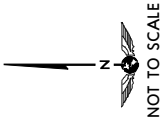
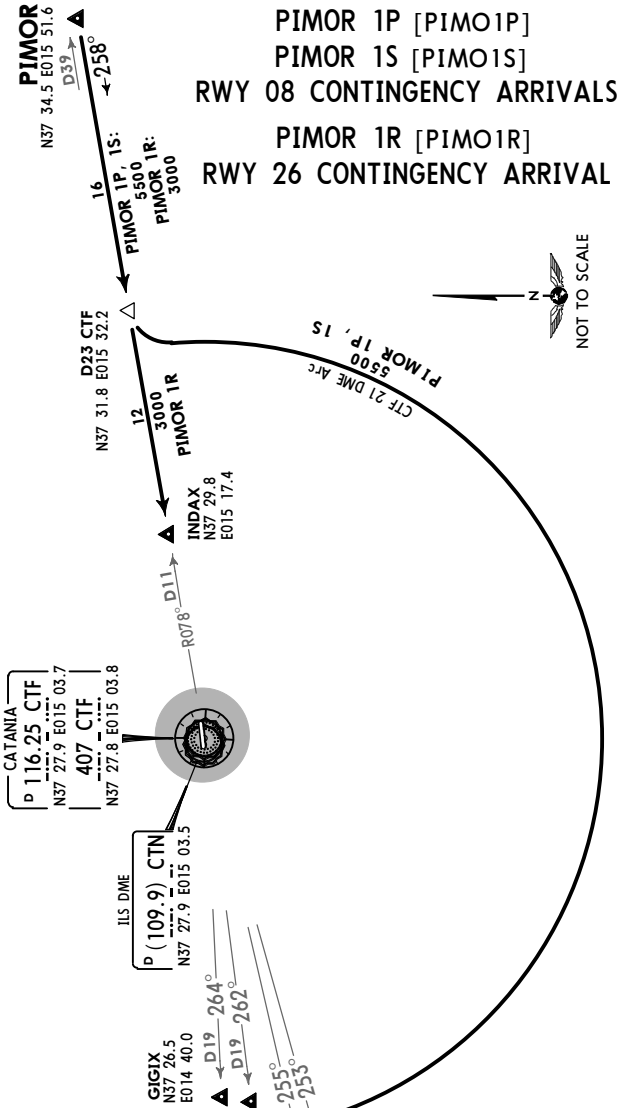
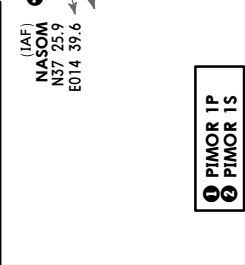
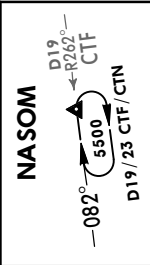
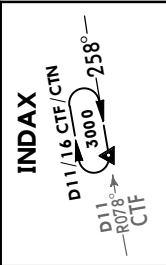
JEPPESSEN
8 APR 16 (10-2H)

CATANIA, ITALY
STAR

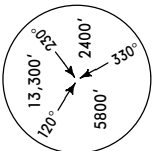
ATIS 127.675	Apt Elev 39'	Alt Set: hPa Trans level: By ATC Trans alt: 7000' For operational limitations refer 10-1Q & 10-1Q1 charts.
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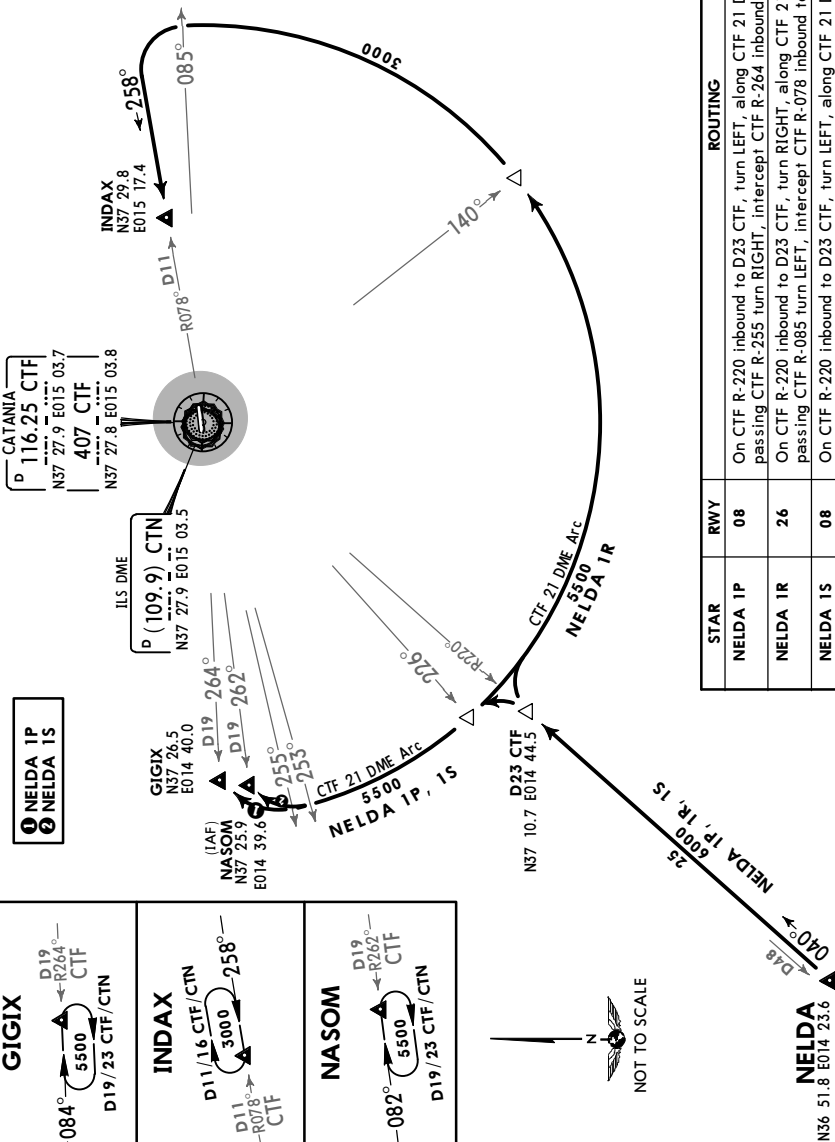
STAR	RWY	ROUTING
PIMOR 1P	08	On CTF R-078 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-255 turn RIGHT, intercept CTF R-264 inbound to GIGIX.
PIMOR 1R	26	On CTF R-078 inbound to INDAX.
PIMOR 1S	08	On CTF R-078 inbound to D23 CTF, turn LEFT, along CTF 21 DME arc, when passing CTF R-253 turn RIGHT, intercept CTF R-262 inbound to NASOM.



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

MSA
CTF VOR/NDB

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



STAR	RWY	ROUTING
NELDA 1P	08	On CTF R-220 inbound to D23 CTF, turn LEFT, along passing CTF R-255 turn RIGHT, intercept CTF R-266
NELDA 1R	26	On CTF R-220 inbound to D23 CTF, turn RIGHT, along passing CTF R-085 turn LEFT, intercept CTF R-078
NELDA 1S	08	On CTF R-220 inbound to D23 CTF, turn LEFT, along passing CTF R-253 turn RIGHT, intercept CTF R-266

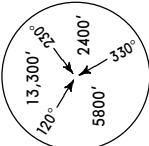
NOT TO SCALE

LICC/CTA
FONTANAROSSA

JEPPesen
8 APR 16 (10-2K)

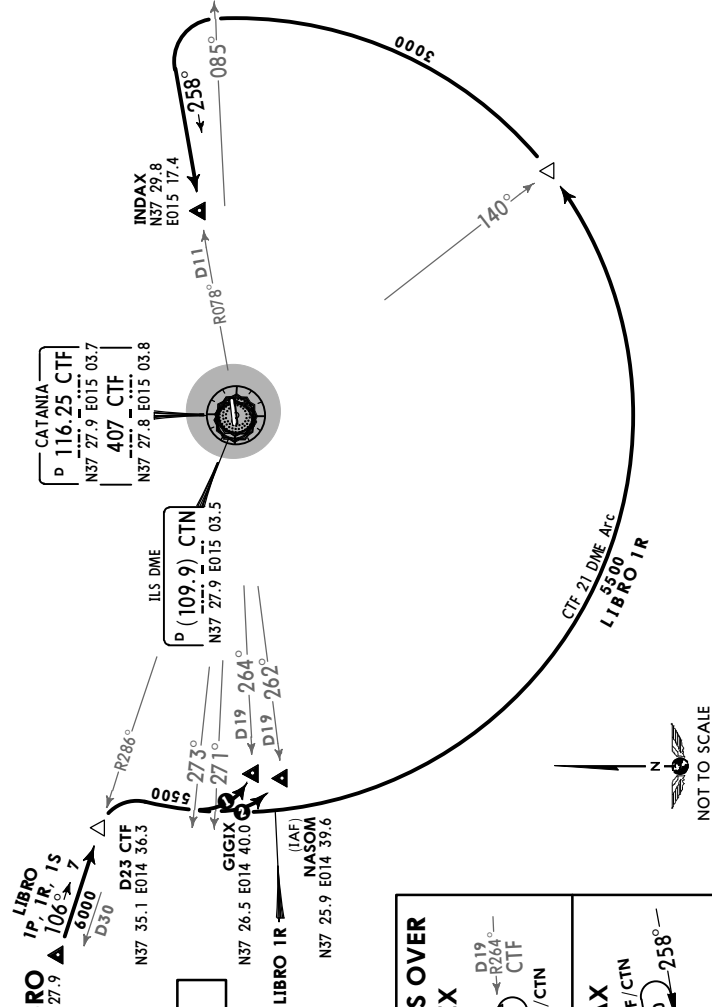
CATANIA, ITALY
STAR

ATIS 127.675	Apt Elev 39'	Alt Set: hPa Trans level: By ATC Trans alt: 7000' For operational limitations refer 10-1Q & 10-1Q1 charts.
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MSA
CTF VOR/NDP

LIBRO 1P [LIBR1P] , LIBRO 1S [LIBR1S]
RWY 08 CONTINGENCY ARRIVALS
LIBRO 1R [LIBR1R]
RWY 26 CONTINGENCY ARRIVALS



ROUTING	
STAR	RWY
LIBRO 1P	08
LIBRO 1R	26
LIBRO 1S	08

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.
On CTF R-286 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.
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.

HOLDINGS OVER GIGIX

INDAX

NASOM

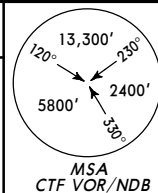
LICC/CTA
FONTANAROSSA

JEPPESSEN
1 OCT 10 (10-3)

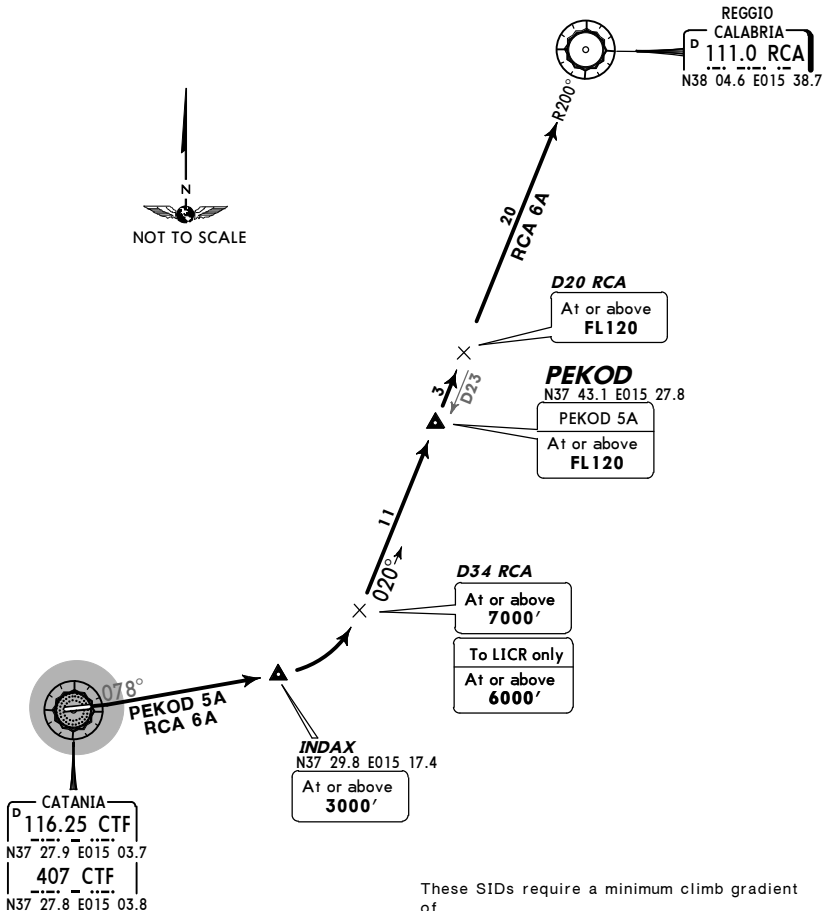
CATANIA, ITALY
SID

Apt Elev
39'

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



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



These SIDs require a minimum climb gradient of

PEKOD 5A
480' per NM (7.9%) until passing **FL 120**
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.

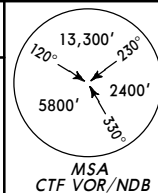
LICC/CTA
FONTANAROSSA

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 [PEK05B]
RCA 6B
RWY 26 DEPARTURES
TO NORTH



REGGIO
CALABRIA
D 111.0 RCA
N38° 04.6 E015° 38.7



R200°
20
RCA 6B

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'

INDAX
N37° 29.8 E015° 17.4

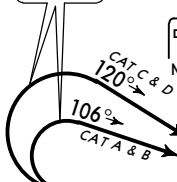
ILS DME
D (109.9) CTN
N37° 27.9 E015° 03.5

CATANIA
D 116.25 CTF
N37° 27.9 E015° 03.7
407 CTF
N37° 27.8 E015° 03.8
At or above
6000'

PEKOD 5B
RCA 6B
265°

D10 CTF
D10 CTN
N37° 27.3 E014° 51.2
At or above
3000'

MAX
220 KT



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.

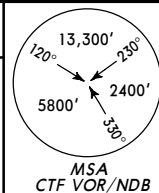
LICC/CTA
FONTANAROSSA

JEPPESSEN
18 FEB 11 (10-3B)

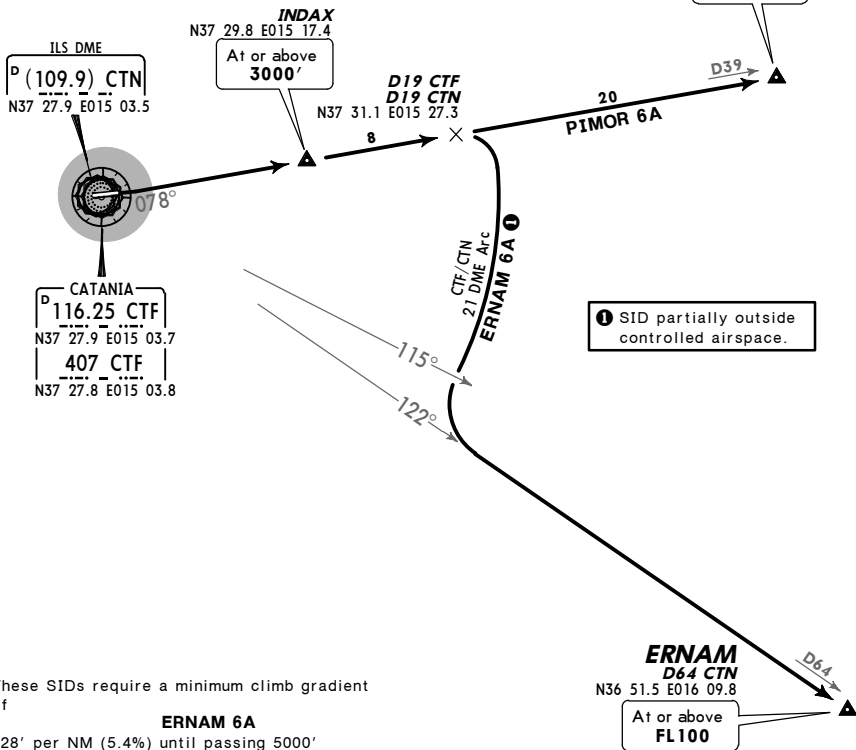
CATANIA, ITALY
SID

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.

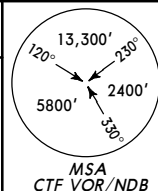
LICC/CTA
FONTANAROSSA

 **JEPPESSEN**
18 FEB 11 **(10-3C)**

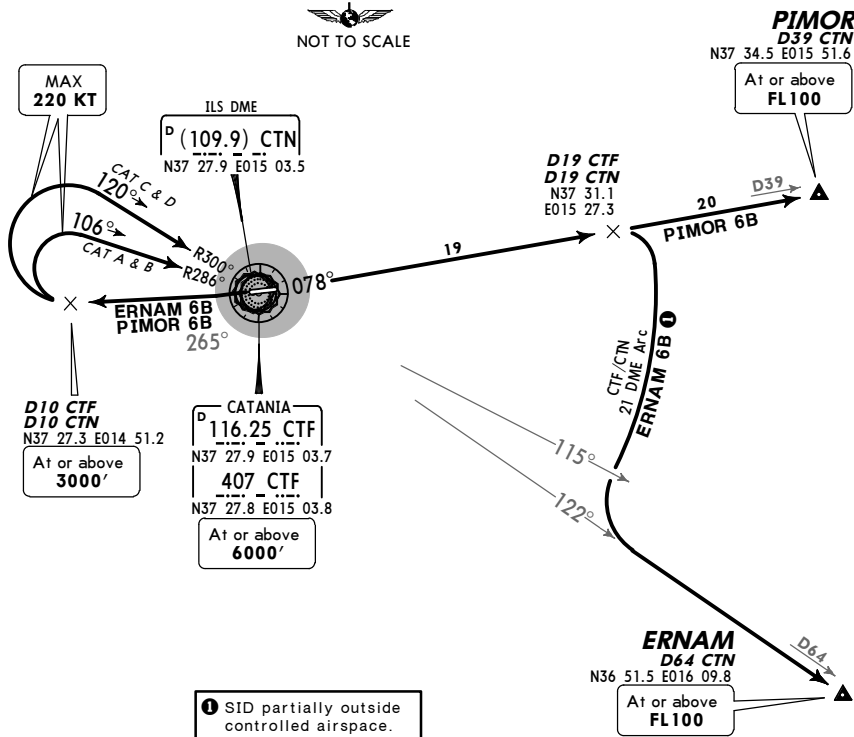
CATANIA, ITALY
SID

Apt Elev
39'

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



ERNAM 6B [ERNA6B] ●
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.

CHANGES: Crossing at ERNAM revised.

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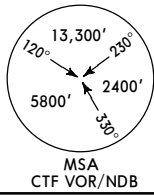
LICC/CTA
FONTANAROSSA

JEPPesen
13 MAY 16 10-3D Eff 26 May

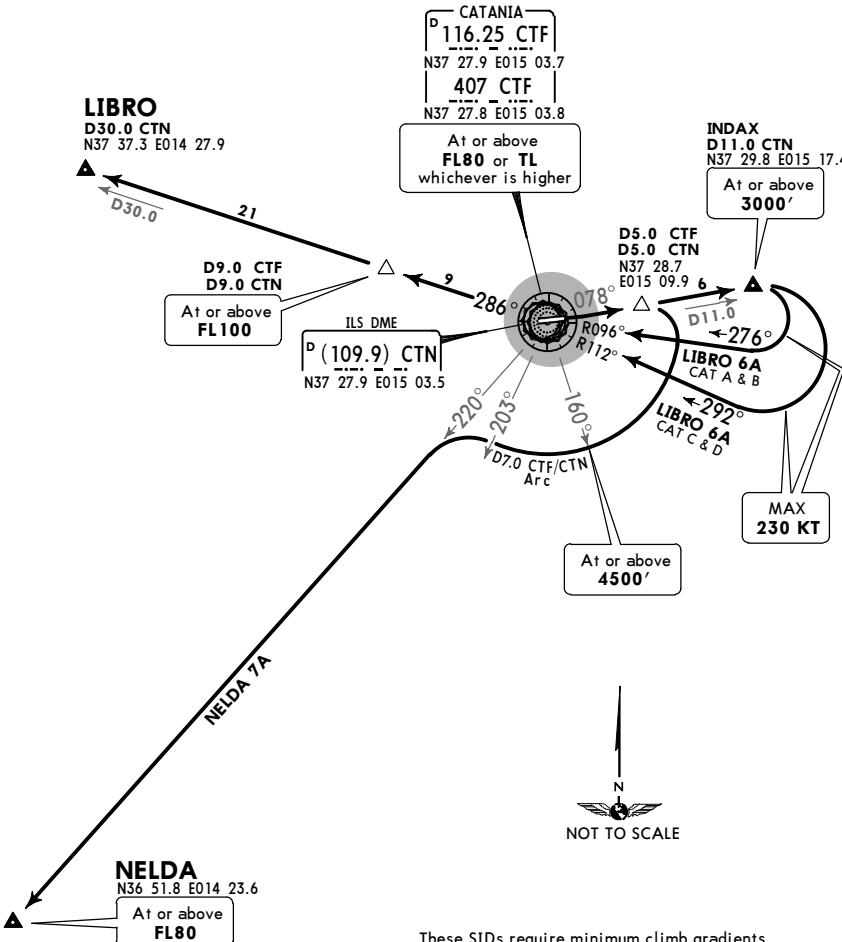
CATANIA, ITALY
SID

Apt Elev
39'

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



LIBRO 6A [LIBR6A], NELDA 7A [NELD7A]
RWY 08 DEPARTURES
TO WEST



These SIDs require minimum climb gradients
of
LIBRO 6A: 328' per NM (5.4%) until passing FL95.
NELDA 7A: 365' per NM (6%) until passing 5000'
due to ATC purposes.

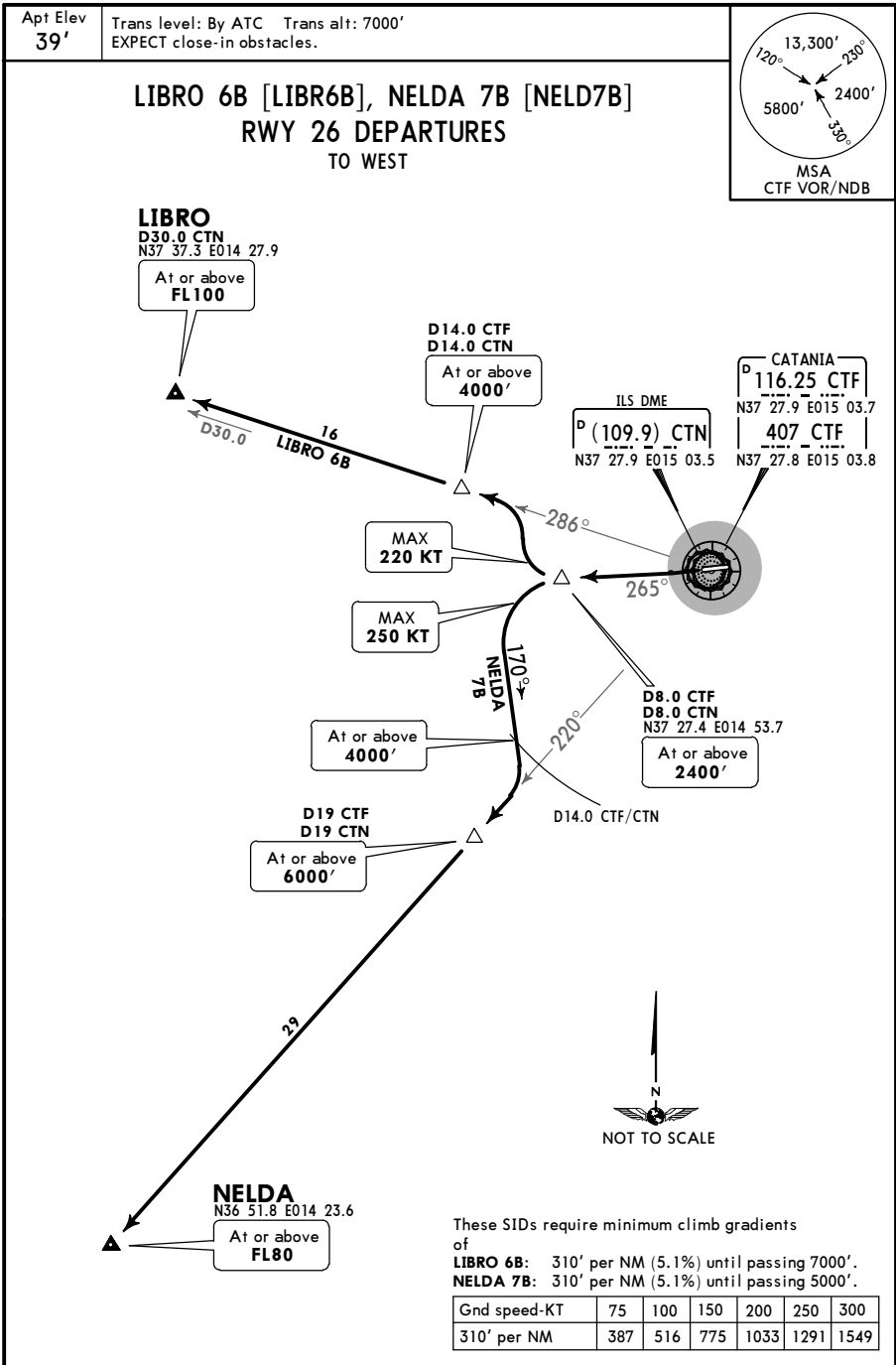
Gnd speed-KT	75	100	150	200	250	300
365' per NM	456	608	911	1215	1519	1823
328' per NM	410	547	820	1094	1367	1641

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 7A	As soon as practicable intercept CTF R-078 to D5.0 CTF/D5.0 CTN, turn RIGHT, along D7.0 CTF/CTN Arc, when passing CTF R-203 turn LEFT, intercept CTF R-220 to NELDA.

LICC/CTA
FONTANAROSSA

JEPPESSEN
13 MAY 16 (10-3E) Eff 26 May

CATANIA, ITALY
SID



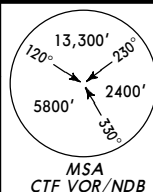
LICC/CTA
FONTANAROSSA

 **JEPPESSEN**
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 (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.

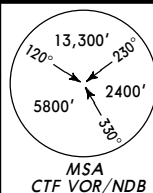
LICC/CTA
FONTANAROSSA

 **JEPPESSEN**
26 DEC 14 **(10-3G)** **Eff 8 Jan**

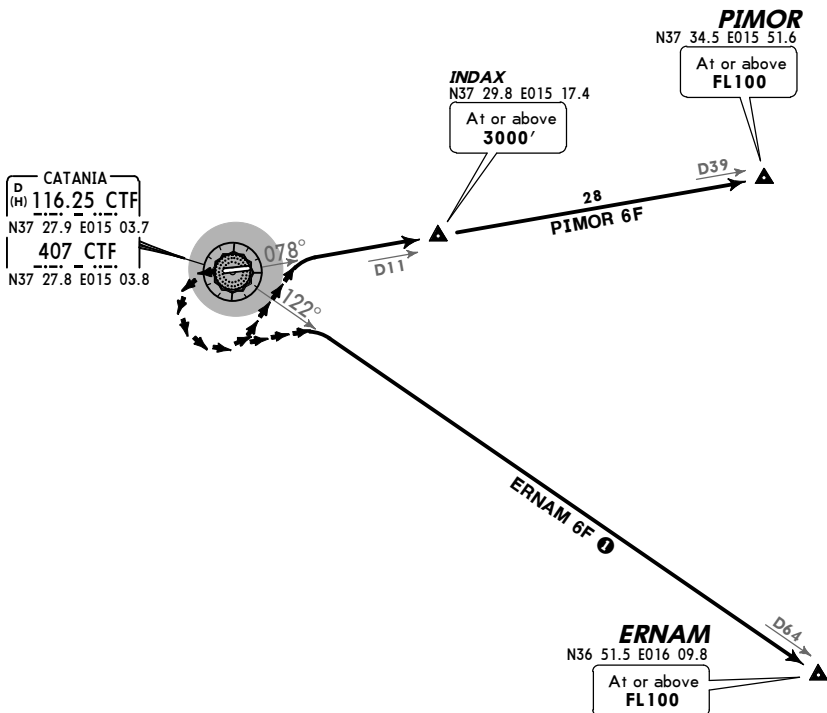
CATANIA, ITALY
SID

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 6F , PIMOR 6F RWY 26 CONTINGENCY DEPARTURES



These SIDs require a minimum climb gradient of 304' per NM (5%).

Grnd speed-KT	75	100	150	200	250	300
304' per NM	380	506	760	1013	1266	1519



SID	ROUTING
ERNAM 6F	Meteorological minima: ceiling 1500'; visibility 5000m. Climb visually, as soon as practicable turn LEFT, intercept CTF R-122, maintain visual conditions until passing 3000', to ERNAM.
PIMOR 6F	Meteorological minima: ceiling 1500'; visibility 5000m. Climb visually, as soon as practicable turn LEFT, intercept CTF R-078, maintain visual conditions until passing 3000', to PIMOR.

CHANGES: Ash cloud sectors transferred to chart 10-1Q.

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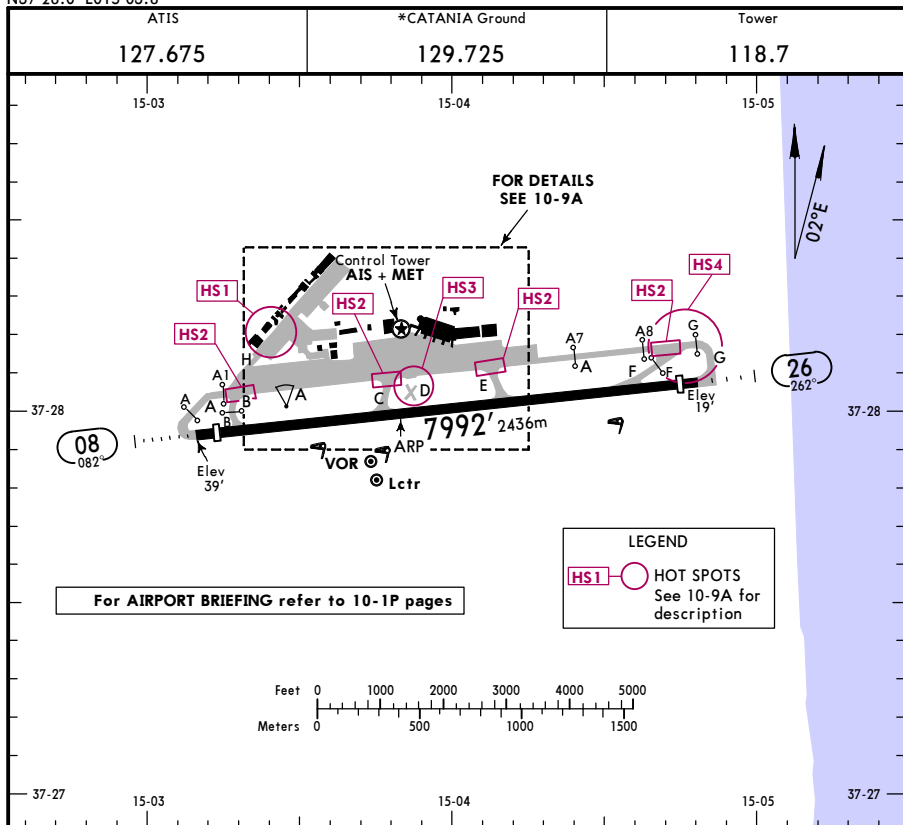
LICC/CTA

Apt Elev **39'**
N37 28.0 E015 03.8

JEPPesen

13 MAY 16 **(10-9)** Eff **26 May**

CATANIA, ITALY
FONTANAROSSA



ADDITIONAL RUNWAY INFORMATION

RWY				USABLE LENGTHS		TAKE-OFF	WIDTH
				Threshold	Glide Slope		
08	HIRL CL (30m)	HIALS	REIL PAPI (3.0°) ①	RVR	7677' 2340m	6401' 1951m	③
26	HIRL CL (30m)	HIALS	REIL PAPI (3.0°) ②		7710' 2350m		

① Azimuth coverage reduced to 5° LEFT side of RCL and not usable last 1969' /600m before THR 08.

② Not usable last 1476' /450m before THR 26.

③ TAKE-OFF RUN AVAILABLE

RWY 08:

From rwy head 7992' (2436m)
twy B int 6988' (2130m)

RWY 26:

From rwy head 7992' (2436m)
twy F int 6316' (1925m)

Standard

TAKE-OFF

All Rwys

RCLM (DAY only)
or RL

NIL
(DAY only)

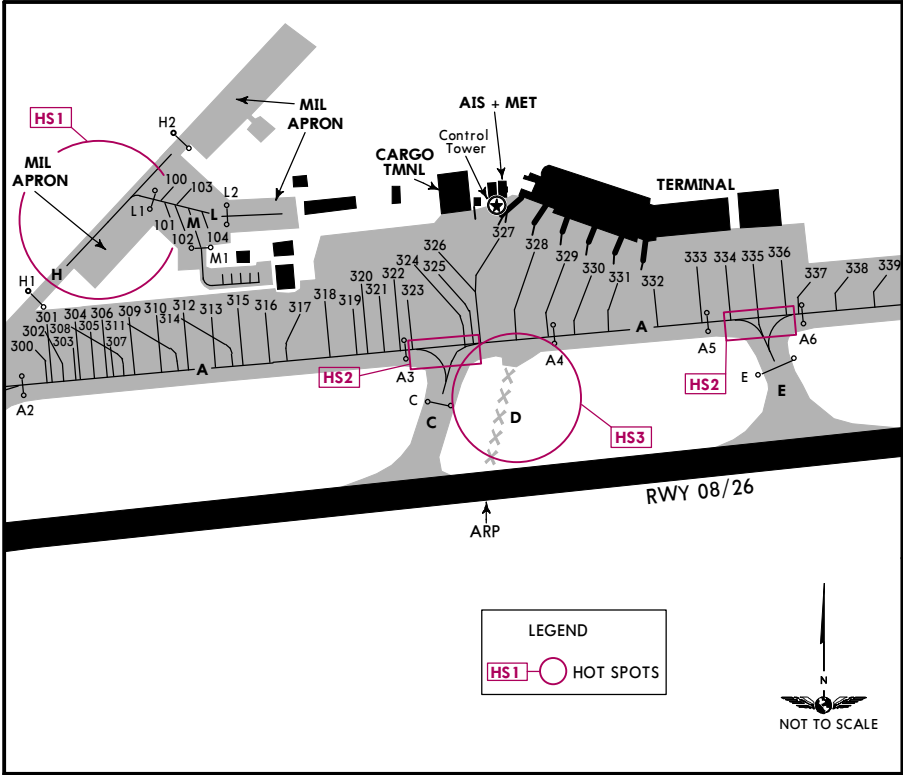
A
B
C
D

RVR 800m

LICC/CTA

JEPPesen
13 MAY 16 (10-9A) Eff 26 May

CATANIA, ITALY
FONTANAROSSA



LEGEND

HS1 - HOT SPOTS



INS COORDINATES

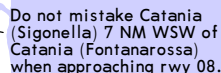
STAND No.	COORDINATES	STAND No.	COORDINATES
100 thru 104	N37 28.2 E015 03.5	331, 332	N37 28.2 E015 04.0
300	N37 28.1 E015 03.3	333 thru 336	N37 28.2 E015 04.1
301 thru 309	N37 28.1 E015 03.4	337, 338	N37 28.2 E015 04.2
310	N37 28.1 E015 03.5	339	N37 28.2 E015 04.3
311	N37 28.1 E015 03.4		
312 thru 314	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		

HOT SPOTS

(For information only, not to be construed as ATC instructions.)

- HS1** Taxi with CAUTION due to tow ACFT crossing apron TWY H.
- HS2** ACFT taxiing on apron TWY A may interfere with ACFT holding at holding positions B,C,E and F; ATC may instruct ACFT to hold at specific intermediate holding positions.
- HS3** TWY D closed.
- HS4** RWY holding position G far away from the RWY.

MSA
CTF VOR/NDB

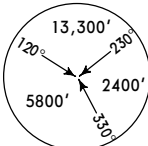


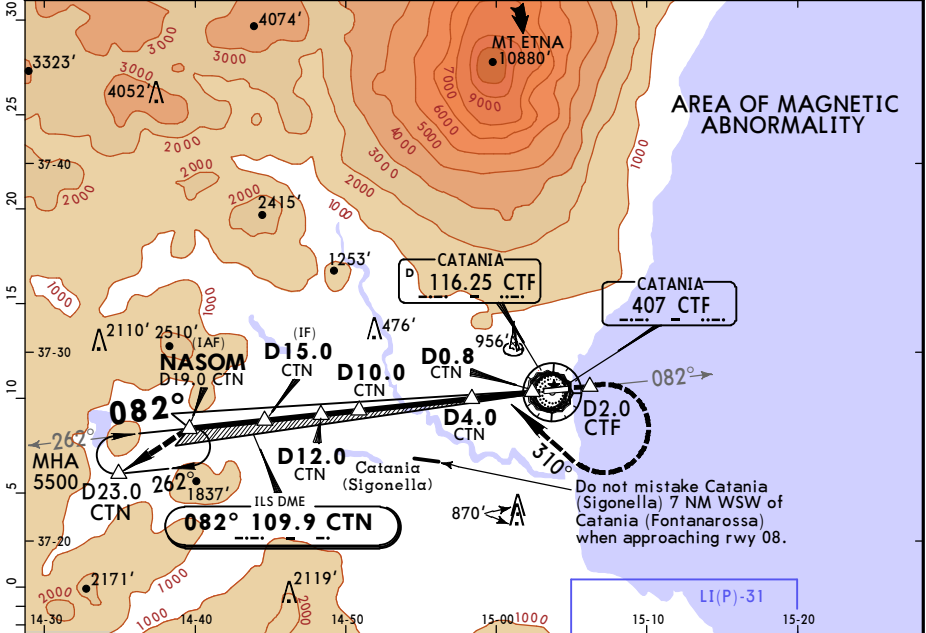
STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND			
Standard		ILS		LOC (GS out)		Not authorized North of airport	
DA(H) A: 268' (230')		C: 288' (250')		DA(H) 650' (612')			
B: 278' (240')		D: 298' (260')					
FULL/Limited		ALS out		ALS out		Max K15, MDA(H) _____ VIS _____	
A	RVR 1000m	RVR 1200m	RVR 1500m	100	660' (621')	1500m	
B				135	660' (621')	1600m	
C		RVR 1300m	CMV 2400m	180	780' (741')	2400m	
D				RVR 1100m	205	800' (761')	3600m

LICC/CTA
FONTANAROSSA

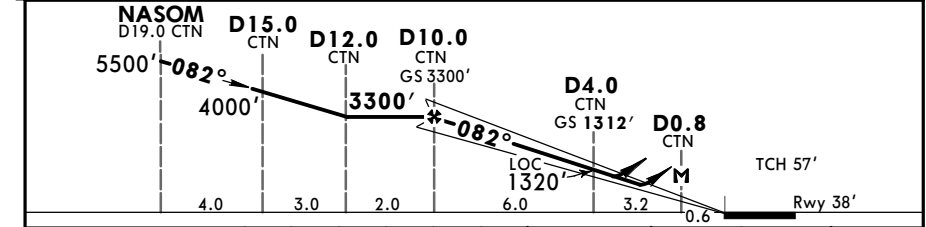
JEPPESSEN
8 APR 16 (1-2)

CATANIA, ITALY
CONTINGENCY ILS or LOC Y Rwy 08

BRIEFING STRIP™	ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725	
	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'		 MSA CTF VOR/NDB	
	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			
	1. VOR DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 4. Possible existence of volcanic cloud up to 20000'.							



LOC (GS out)	CTN DME	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.0
ALTITUDE		2990'	2670'	2350'	2030'	1710'	1400'	1080'	760'



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

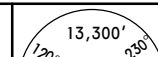
Standard				STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND 1	
Missed apch climb gradient mim 3.2%				Missed apch climb gradient mim 2.5%				Not authorized North of airport	
DA(H) ILS		LOC (GS out) DA(H)		ILS DA(H)		LOC (GS out) DA(H)			
A: 268' (230') C: 288' (250')		650' (612')		1250' (1212')		1250' (1212')			
B: 278' (240') D: 298' (260')									
FULL/Limited		ALS out		ALS out		ALS out			
A								Max Kts	MDA(H) VIS
B	RVR 1000m	RVR 1200m	RVR 1500m	RVR 1500m				100	660' (621') 1500m
C								135	660' (621') 1600m
D	RVR 1100m	RVR 1300m	CMV 2400m	CMV 2400m				180	780' (741') 2400m
								205	800' (761') 3600m

LICC/CTA
FONTANAROSSA

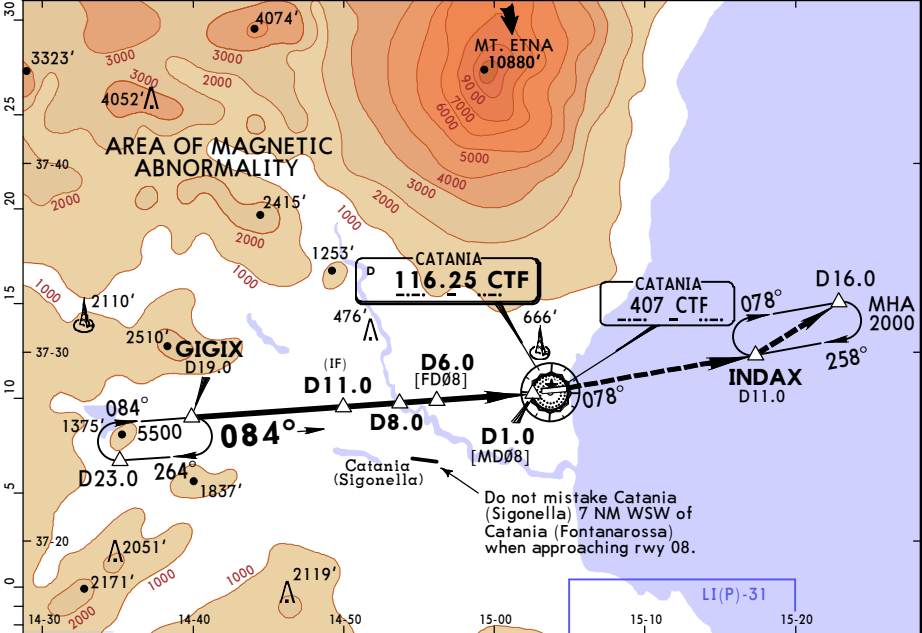
JEPPesen
8 APR 16 **13-1**

CATANIA, ITALY
VOR Z Rwy 08

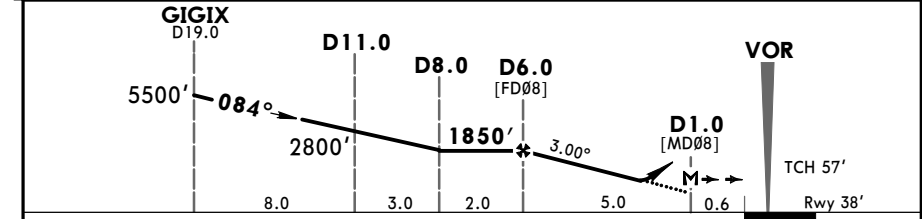
BRIEFING STRIP™	ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725	
	VOR CTF 116.25	Final Aph Crs 084°	Minimum Alt D6.0 1850' (1812')		DA(H) 650' (612')		Apt Elev 39' Rwy 38'	
	MISSED APCH: As soon as practicable join R-078 and climb to 2000' to INDAX and hold.							
	Alt Set: hPa		Rwy Elev: 1 hPa		Trans level: By ATC		Trans alt: 7000'	
	1. DME required. 2. Mt ETNA 10880' 17.0 NM North of apt. 3. Possible existence of volcanic cloud up to 20000'.							



MSA
CTF VOR/NDB



CTF DME	5.0	4.0	3.0
ALTITUDE	1540'	1220'	900'



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

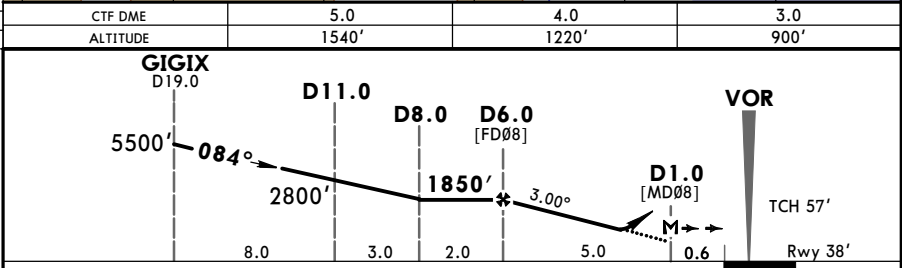
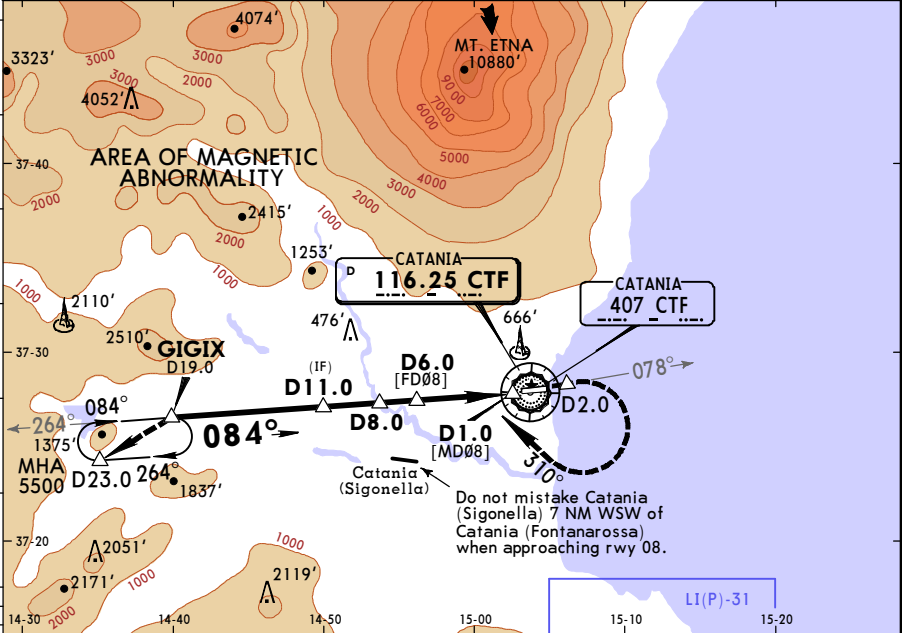
Standard STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND Not authorized North of airport			
DA(H) 650' (612')				Max Kts	MDA(H)	VIS	
RVR 1500m				100	660' (621')	1500m	
CMV 2400m				135	660' (621')	1600m	
				180	780' (741')	2400m	
				205	800' (761')	3600m	

LICC/CTA
FONTANAROSSA

JEPPesen
8 APR 16 13-2

CATANIA, ITALY
VOR Y Rwy 08

ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725
VOR CTF 116.25	Final ApcH Crs 084°	Minimum Alt D6.0 1850' (1812')	DA(H) Refer to Minimums	Apt Elev 39'	Rwy 38'	
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	HIALS REIL PAPI PAPI	As soon as practicable	D2.0 CTF via LT	CTF 116.25 R-078
Descent Angle	3.00°	372	478	531	637	743				
MAP at D1.0										

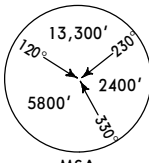
Standard				CIRCLE-TO-LAND			
Missed apch climb gradient mim 3.2%		Missed apch climb gradient mim 2.5%		Not authorized North of airport			
DA(H) 650' (612')		DA(H) 1250' (1212')		Max Kts	MDA(H)	VIS	
A		RVR 1500m		100	660' (621')	1500m	
B				135	660' (621')	1600m	
C		CMV 5000m		180	780' (741')	2400m	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

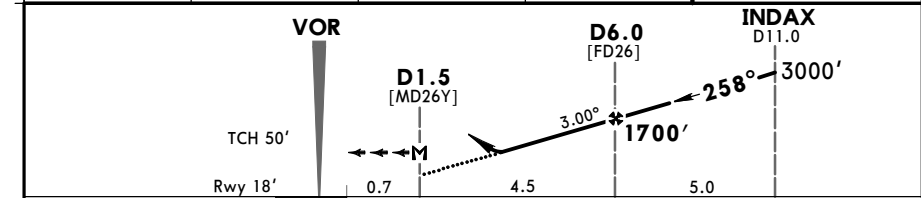
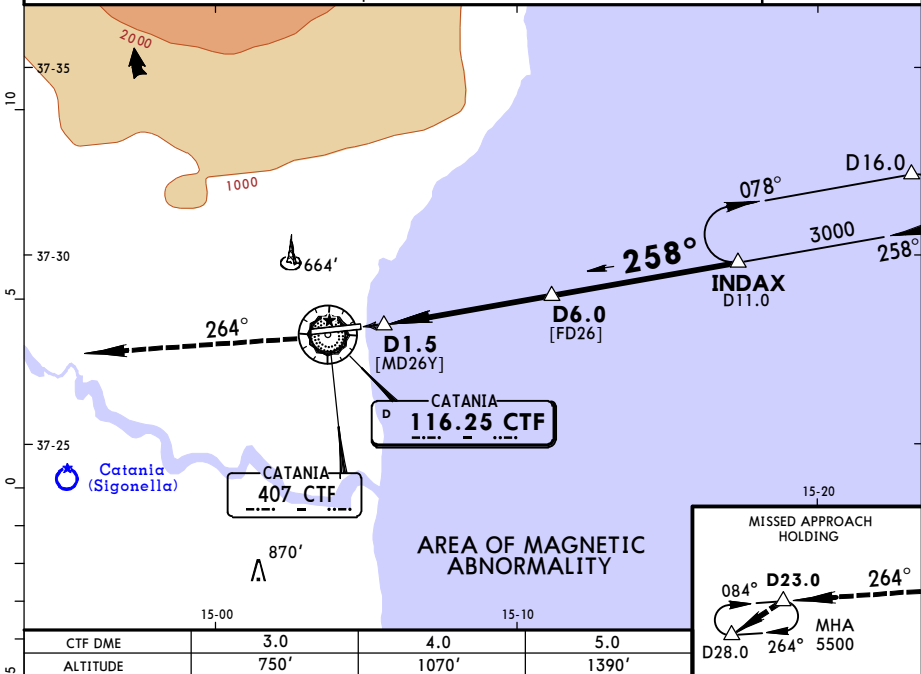
1 With missed apch climb gradient mim 2.5%: MDA(H) 1260' (1221'), VIS 5000m.

LICC/CTA
FONTANAROSSA

JEPPesen
8 APR 16 13-4

CATANIA, ITALY
VOR Y Rwy 26

BRIEFING STRIP™	ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725	
	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	HIALS		CTF	5500'	CTF
Descent Angle	3.00°	372	478	531	637	743	849	REIL - PAPI	116.25	116.25	116.25
MAP at D1.5											

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

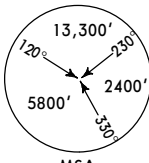
1 With missed apch climb gradient mim 2.5%: MDA(H) 1280' (1241'), VIS 5000m.

LICC/CTA
FONTANAROSSA

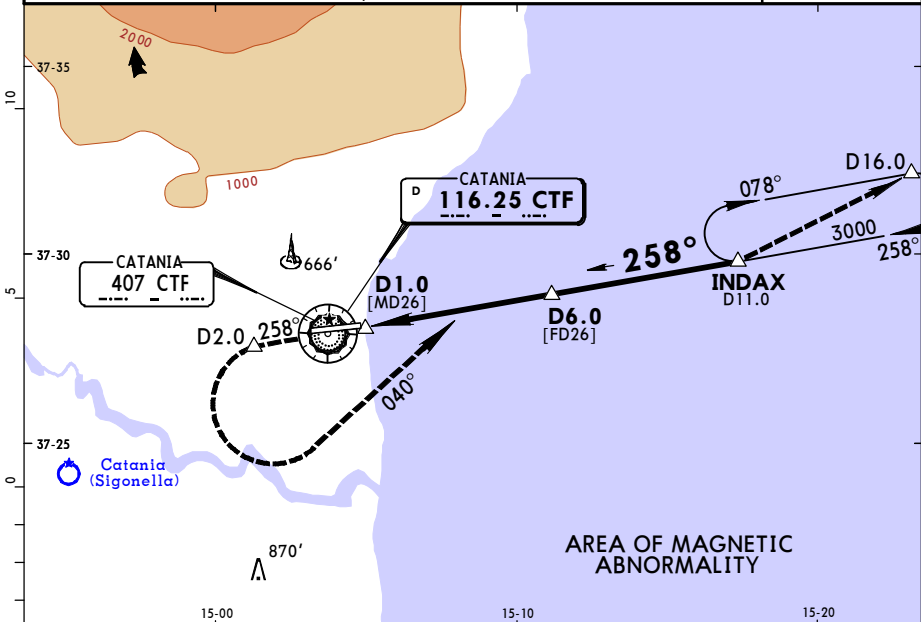
JEPPesen
8 APR 16 (13-5)

CATANIA, ITALY
CONTINGENCY VOR X Rwy 26

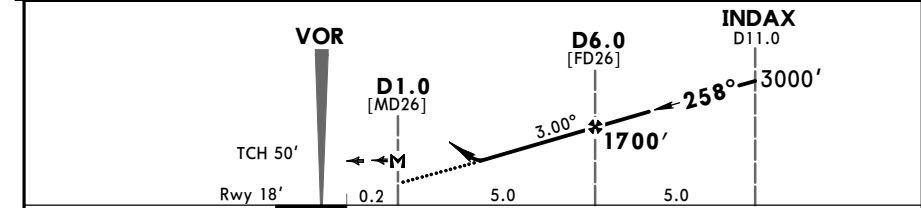
BRIEFING STRIP™	ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725	
	VOR CTF 116.25	Final Apch Crs 258°	Minimum Alt D6.0 1700' (1682')		DA(H) 630' (612')		Apt Elev 39' Rwy 18'	
	MISSED APCH: Climb to 3000' and proceed on R-258. At D2.0 turn LEFT onto 040° to join and follow 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'.							



MSA
CTF VOR/NDB



CTF DME	3.0	4.0	5.0
ALTITUDE	750'	1070'	1390'



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

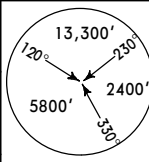
Standard STRAIGHT-IN LANDING RWY 26				CIRCLE-TO-LAND Not authorized North of airport			
DA(H) 630' (612')				Max Kts	MDA(H)	VIS	
A	RVR 1500m			100	660' (621')	1500m	
B				135	660' (621')	1600m	
C	CMV 2400m			180	780' (741')	2400m	
D				205	800' (761')	3600m	

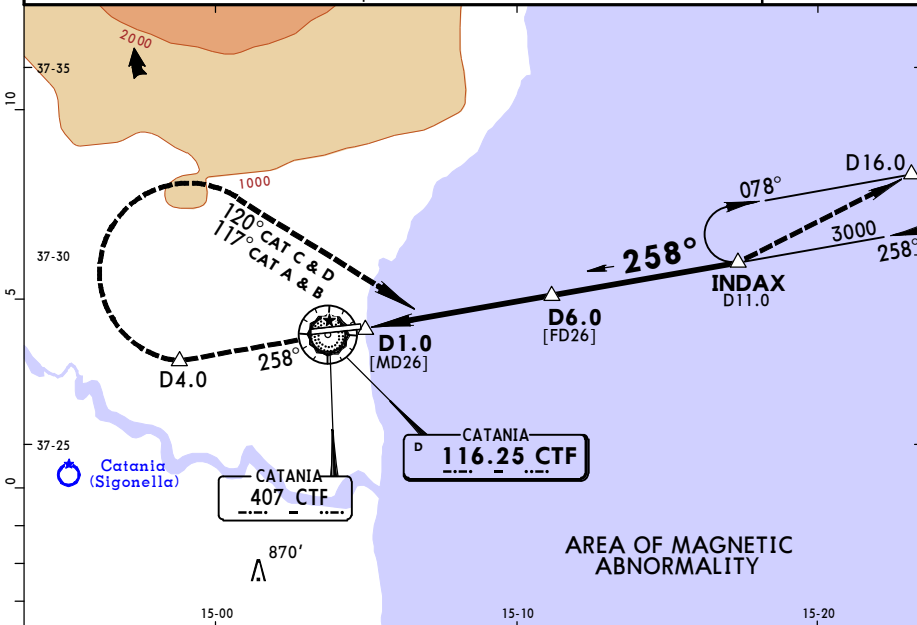
PANS OPS

LICC/CTA
FONTANAROSSA

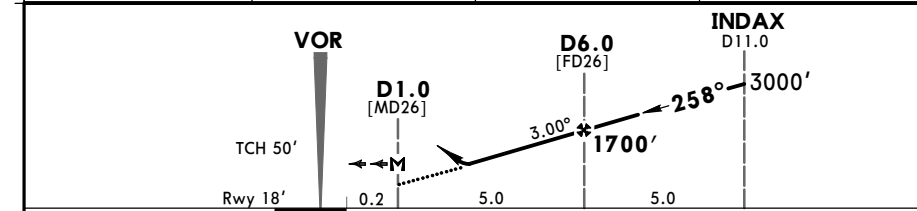
JEPPESSEN
8 APR 16 **13-6**

CATANIA, ITALY
VOR W Rwy 26

BREFING STRIP™	ATIS 127.675		CATANIA Radar (APP) 119.250		CATANIA Tower 118.7		*Ground 129.725			
	VOR CTF 116.25	Final Apc Crs 258°	Minimum Alt D6.0 1700' (1682')	DA(H) 630' (612')	Apt Elev 39' Rwy 18'					
	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'.									



CTF DME	3.0	4.0	5.0
ALTITUDE	750'	1070'	1390'



Gnd speed-Kts	70	90	100	120	140	160	HIALS 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				CIRCLE-TO-LAND Not authorized North of airport			
DA(H) 630' (612')				Max Kts	MDA(H)	VIS	
RVR 1500m				100	660' (621')	1500m	
				135	660' (621')	1600m	
CMV 2400m				180	780' (741')	2400m	
				205	800' (761')	3600m	

PANS OPS



Chart changes since cycle 12-2016

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