

List of pages in this Trip Kit

Trip Kit Index

Airport Information For GCTS

Terminal Charts For GCTS

Revision Letter For Cycle 01-2016

Change Notices

Notebook

General Information

Location: TENERIFE-SOUTH XJE
ICAO/IATA: GCTS / TFS
Lat/Long: N28° 02.67', W016° 34.35'
Elevation: 209 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: +0:00 = UTC
Magnetic Variation: 6.0° W

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

Sunrise: 0759 Z
Sunset: 1828 Z

Runway Information

Runway: 08
Length x Width: 10499 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 188 ft
Lighting: Edge, ALS, Centerline

Runway: 26
Length x Width: 10499 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 209 ft
Lighting: Edge, ALS, Centerline

Communication Information

ATIS: 118.675
Tenerife-South Tower: 121.900
Tenerife-South Tower: 119.000
Tenerife-South Tower: 121.750
Tenerife-South Approach: 128.125 Secondary
Tenerife-South Approach: 127.700

GCTS/TFS
REINA SOFIA

20 MAR 15

JEPPesen
10-1P

TENERIFE-SOUTH, CANARY IS
Eff 2 Apr
AIRPORT BRIEFING

1. GENERAL

1.1. ATIS

D-ATIS 118.67

1.2. NOISE ABATEMENT PROCEDURES

1.2.1. RUN-UP TESTS

Engine tests higher than idle regime are forbidden between 0000-0600LT.
Exceptions are allowed only, if it is essential for ACFT's return to the origin
APT, or when the planned and cleared flight takes off between 0400-0600LT.
Clearance for engine testing must be requested to the operations centre (CEOPS).

1.3. TAXI PROCEDURES

TWY B-2 MAX wingspan 167'/51m and MAX length of 184'/56m.

Apron taxilane between gates D-3 and D-5 MAX wingspan 171'/52m.

TWY B-6 MAX length of 190'/58m.

Entry to stands F8 and F5A for ACFT code D or higher shall be carried out via
gates D-1 or D-2.

The entry to stand F1 for code letter D ACFT or higher, shall be carried out via
gate D-4.

1.4. PARKING INFORMATION

1.4.1. GENERAL

Stands F1 thru F8 equipped with visual docking guidance system.

On stands F1 thru F8, H2 thru H10, I1 thru I11A and J12 push-back required.

1.4.2. USE OF APU

Use of APU is forbidden on stands F1 thru F8 in the period between 2 min after
blocks for ARR and 5 min before off-blocks for DEP.

APU will only be able to use when 400 Hz facilities and mobile units are not oper-
ative. ACFT with inoperative APU must communicate it to CEOPS.

1.5. OTHER INFORMATION

RWY 08 right-hand circuit.

Birds.

GCTS/TFS
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20 MAR 15

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10-1P1

TENERIFE-SOUTH, CANARY IS

Eff 2 Apr

AIRPORT BRIEFING

2. ARRIVAL

2.1. NOISE ABATEMENT PROCEDURES

Landing and approach procedures on visual meteorological conditions shall be performed with an angle equal to or higher than the ILS GP or PAPI of each RWY.

At night time, visual approaches shall avoid overflying inhabited areas and visual approaches to RWY 26 from west via Ganta Int or TFS VORDME shall not initiate the left turn before TFS 10 DME.

2.2. RWY OPERATIONS

ACFT shall report vacating RWY.

Four-engined wide-bodied ACFT shall leave RWY 08 via TWY B-7 and RWY 26 via TWY B-1.

2.3. TAXI PROCEDURES

In general, taxiing between the apron gate and the stand shall be carried out accompanied by Follow-me car. The supervision of this vehicle is essential for docking or parking.

2.4. OTHER INFORMATION

2.4.1 WIND SHEAR

Caution: Risk of wind shear on final APCH.

Low level wind shear alert system (LLWAS) available.

Orographical wind shear in trade regime, mainly affecting RWY 08

Under trade wind conditions (NE-E), due to the topography of the island, the occurrence of orographical wind shear is frequent.

Wind shear is appreciable on final APCH (below 1600') to the RWY 08 or in RWY, positive and with greater frequency in the summer. The wind intensities in surface must be 15 KT and NE-E direction, for the effect (positive wind shear of 15 to 35 kt) to appear. On APCH to RWY 08, below 2100', the wind is usually variable or with intensities of the order of 5-10 KT and SW-NW direction (tailwind), becoming NE-E direction (nose wind) and with intensities of at least 10 KT when finding wind shear, around 1000-500' AGL.

This wind shear effect is most obvious in trade wind (NE-E) situations with input of Saharan air, the effect of turbulence may also occur on final APCH.

Values of temperature above 30° C can give an indication of these situations.

It is important to notice potential signs of inversion, which usually also indicate these advections of warm air.

With wind intensities over 25 KT, occurrence of mechanical turbulence is usually more frequent than the wind shear on final APCH.

Orographical wind shear situation of low pressure system at the surface (storm), mainly affecting RWY 26.

In situations of low pressure affecting the islands, with synoptic wind SW-NW, the orographical wind shear pattern can be reversed, appearing on final approach to the RWY 26 below 1600ft, with wind intensities in RWY higher than 15 KT and SW-NW direction. The wind shear is usually positive and in the range of 15 to 30 KT. These situations may also generate gust fronts in the vicinity of the aerodrome, associated with convective activity.

GCTS/TFS
REINA SOFIA

20 MAR 15

JEPPesen
(10-1P2)

TENERIFE-SOUTH, CANARY IS
Eff 2 Apr

AIRPORT BRIEFING

3. DEPARTURE

3.1. START-UP & TAXI PROCEDURES

3.1.1. START-UP

Pilots shall request clearance to start-up to TENERIFE-SOUTH Ground. On requesting this clearance, ACFT must be completely ready to start up, considering that the ACFT must leave stand 10 minutes before the calculated take-off time.

Clearance shall be issued as soon as requested. When delays are expected to exceed 15 minutes, ATC shall provide appropriate start-up time. In that moment, ATC clearance shall be issued.

3.1.2. TAXIING

Pilots shall contact Tower to request permission for towing and/or taxiing.

Towed push-back is mandatory at all front stands and shall be carried out in order to nose to the nearest gate, with the exception of:

- ATC indicates the opposite;
- Existing engine start-up limitations, that shall be previously communicated to ATC;
- Stands F1, F5A and F8, shall be carried out nose to THR 26, for ACFT code letter D or higher;
- Stands H2, I1, I1A and I1B shall be carried out nosing to THR 26;
- Stand I11A shall be carried out nosing to THR 08.

Autonomous exits shall be carried out using the minimum start-up engine power and in a way where making the turn, the engine power shall not be higher than IDLE. ACFT shall always exit with nose to the nearest gate, except from stand E13 where it shall always exit with nose to THR 08.

3.2. NOISE ABATEMENT PROCEDURES

- | | |
|------------|--|
| Take-off | - Take-off power.
- Take-off flaps/slats.
- Climb at $V_2 + 10$ KT to 1500' AGL. |
| At 1500' | - Accelerate to zero flap minimum safe manoeuvring speed (VZF) + 10 KT maintaining minimum rate of climb 500'.
- Retract flaps/slats as needed. |
| Up to FL60 | - Do not exceed 250 KT and continue SID in force, except ATC clearance. |

ACFT taking off from RWY 08 shall maintain TFS R-076 up to TFS 10 DME before initiating any Right turn.

ACFT taking off from RWY 26 and overflying TFS VORDME must not turn Right before overflying this navigation facility.

GCTS/TFS
REINA SOFIA

12 FEB 10 (10-1R)

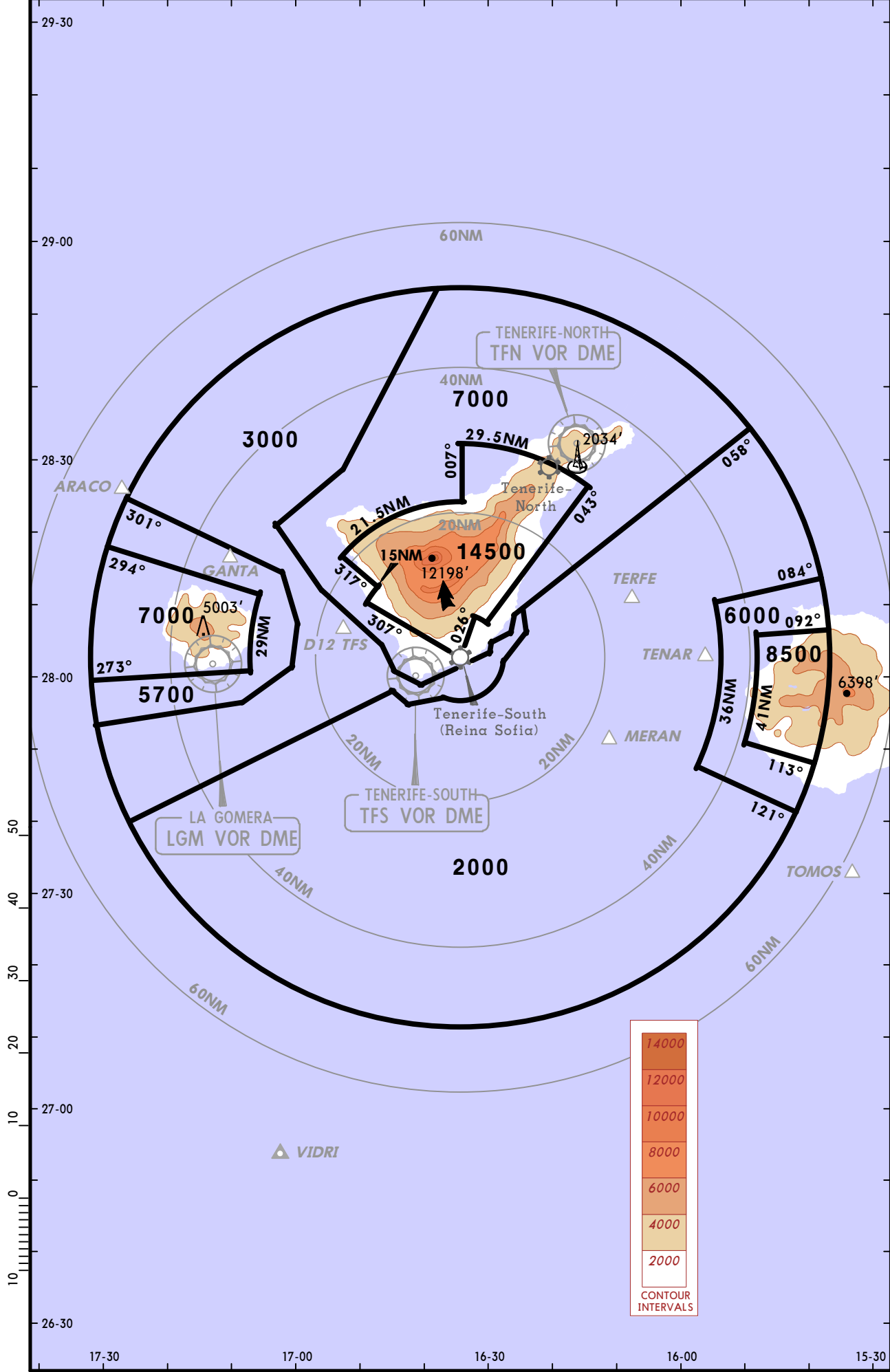


TENERIFE-SOUTH, CANARY IS

RADAR MINIMUM ALTITUDES

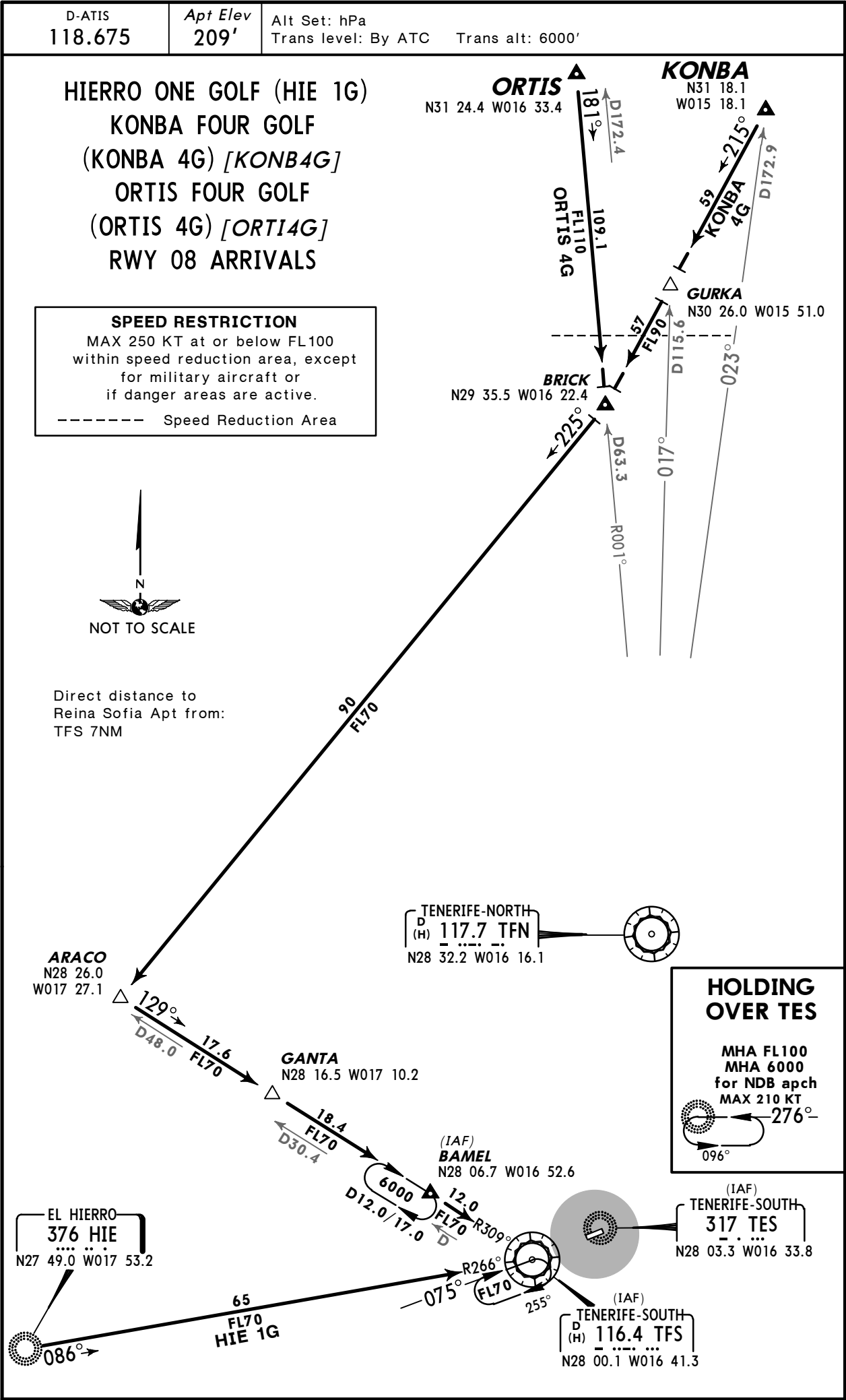
Apt Elev
209'

Alt Set: hPa Trans level: By ATC Trans alt: 6000'
The published minimum altitudes integrate no correction for low temperature.



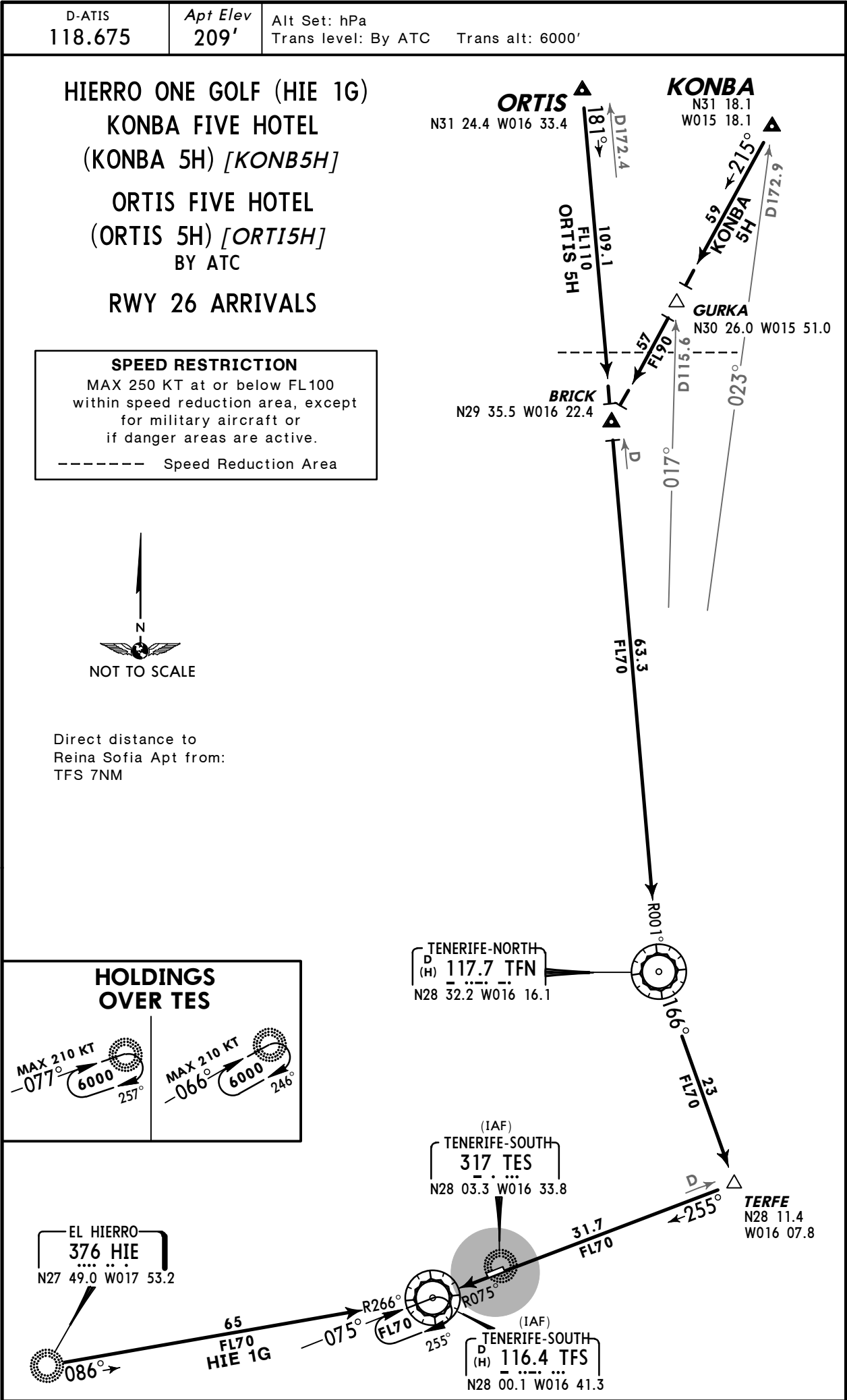
GCTS/TFS
REINA SOFIA

JEPPesen TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-2 Eff 5 Mar STAR



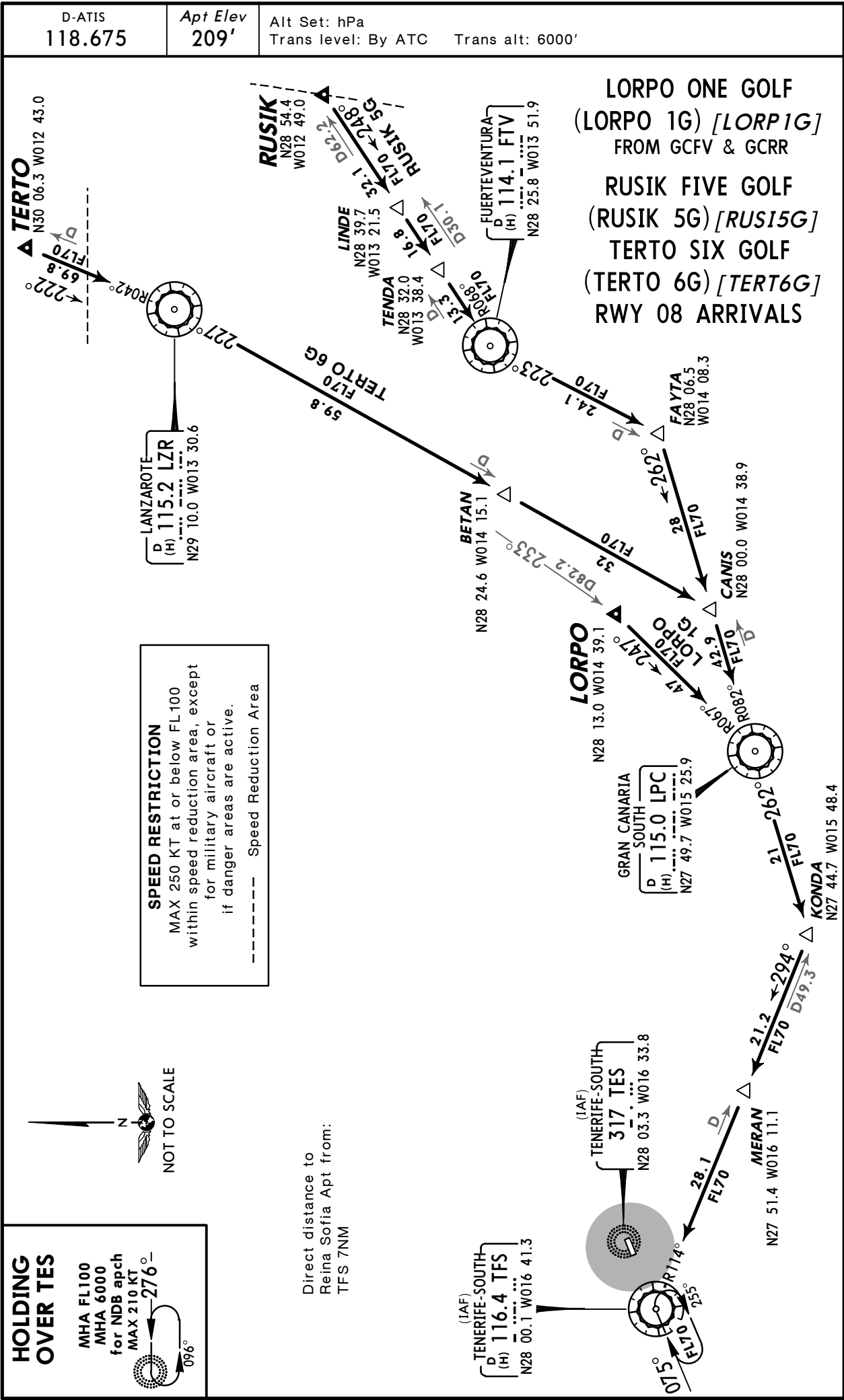
GCTS/TFS
REINA SOFIA

27 FEB 15 **10-2A** **Eff 5 Mar** **STAR**



GCTS/TFS
REINA SOFIA

JEPPESSEN TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-2B Eff 5 Mar STAR



TENERIFE-SOUTH
317 TES
-
N28 03.3 W016 33.8

GCTS/TFS
REINA SOFIA

6 MAR 15

10-2D

JEPPESSEN

TENERIFE-SOUTH, CANARY IS

STAR

D-ATIS
118.675

Apt Elev
209'

Alt Set: hPa

Trans level: By ATC

Trans alt: 6000'

ODEGI ONE GOLF
(ODEGI 1G) [ODEG1G]
VIDRI FIVE GOLF
(VIDRI 5G) [VIDR5G]
SUBJECT TO GC(D)-79D/T/W ACTIVITY

REMG1 ONE GOLF
(REMG1 1G) [REMG1G]
SUBJECT TO GC(D)-20B &
GC(D)-79C/E/N/T ACTIVITY

RWYS 08, 26 ARRIVALS

Direct distance to
Reina Sofia Apt from:
TFS 7NM

SPEED RESTRICTION

MAX 250 KT at or below FL100
within speed reduction area, except
for military aircraft or
if danger areas are active.

----- Speed Reduction Area

(IAF) TENERIFE-SOUTH
317 TES
N28 03.3 W016 33.8

(IAF) TENERIFE-SOUTH
D 116.4 TFS
N28 00.1 W016 41.3

**HOLDINGS
OVER TES**

RWY 08

MHA FL100
MHA 6000
for NDB apch
MAX 210 KT

276°
096°

RWY 26

MAX 210 KT
071°
251°

MAX 210 KT
066°
246°

VIDRI 5G
FL70
68.9

ODEGI 1G
FL70
69.6

75.0
FL70

GC(D)-79D/T/W

GC(D)-79D/T

GC(D)-79T

GC(D)-20B

GC(D)-79N/T

GC(D)-79C/E/N/T



REMG1
N27 05.4 W015 16.2

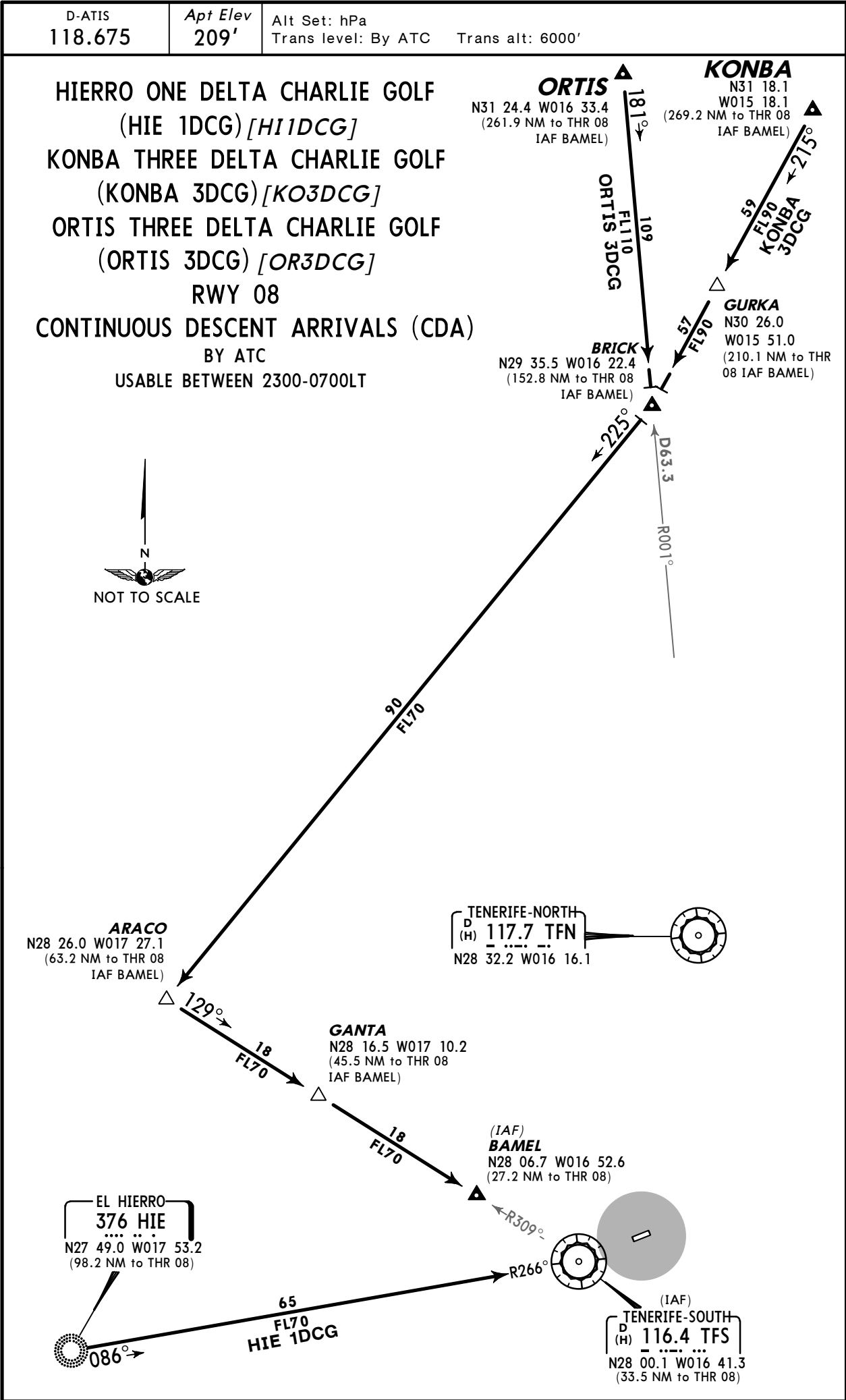
ODEGI
N26 53.7
W016 17.4

VIDRI
N26 53.7 W017 02.4

GCTS/TFS
REINA SOFIA

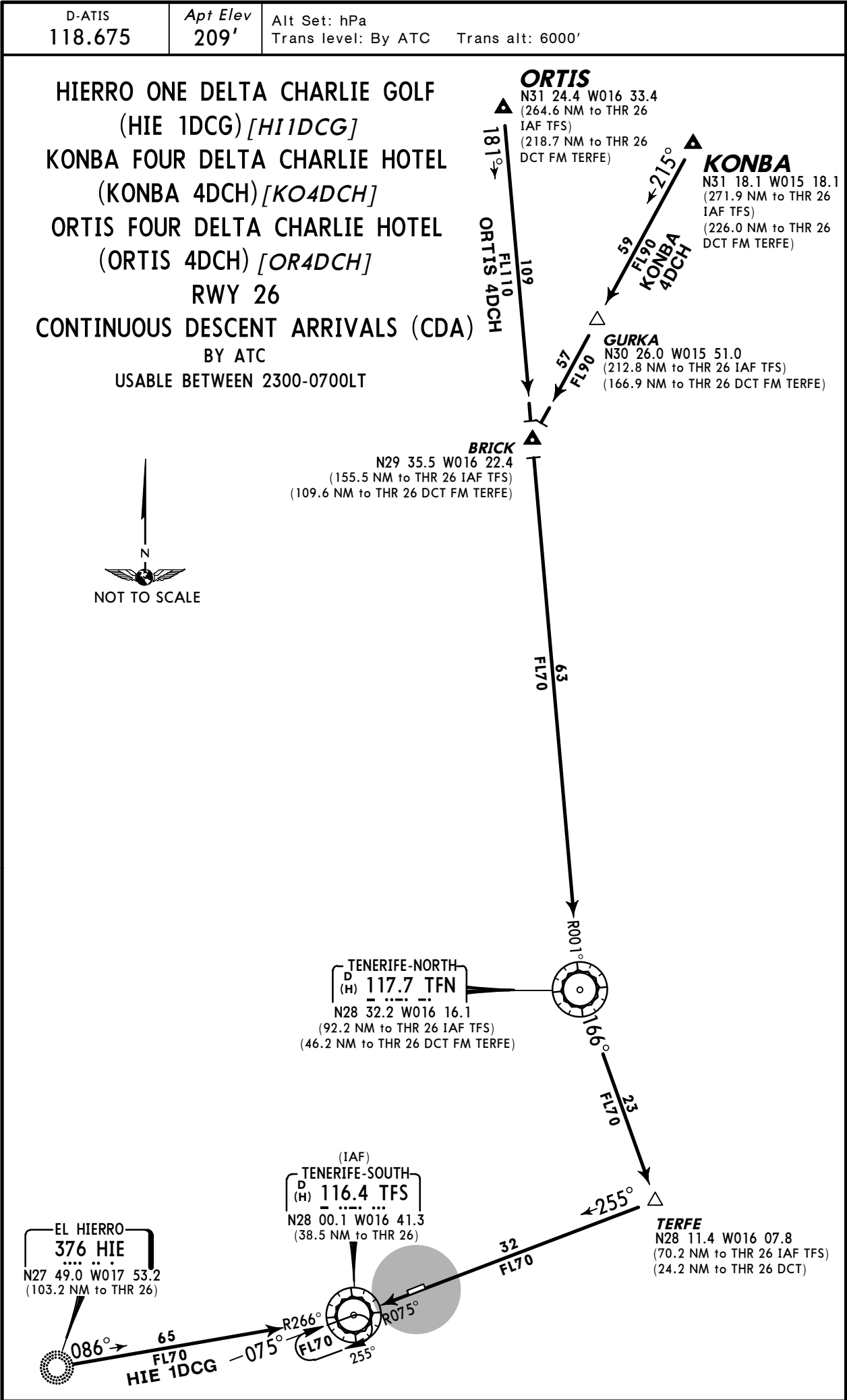
JEPPESSEN TENERIFE-SOUTH, CANARY IS
6 MAR 15 10-2E

STAR



GCTS/TFS
REINA SOFIA

JEPPESSEN TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-2F Eff 5 Mar STAR

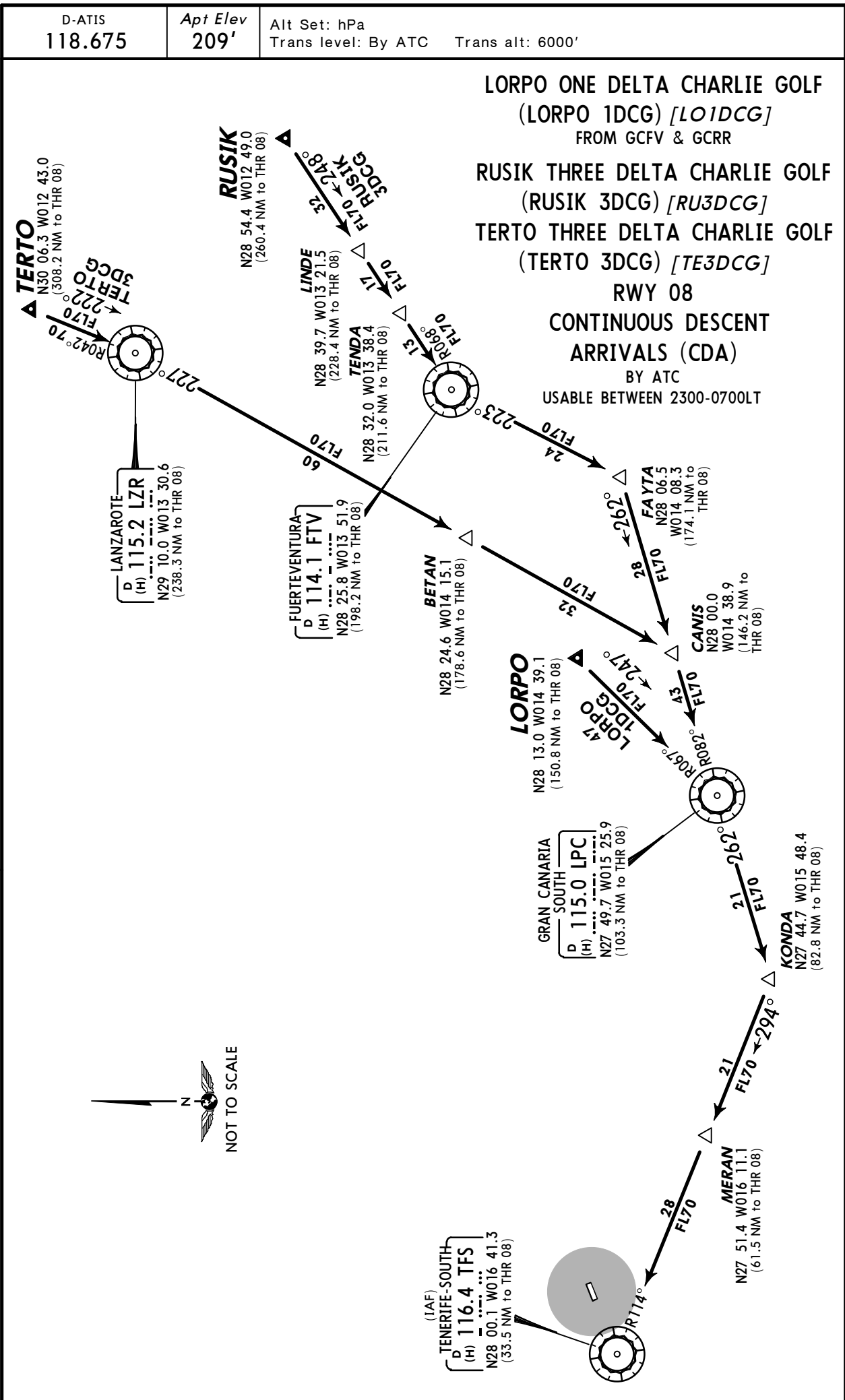


GCTS/TFS
REINA SOFIA

27 FEB 15 10-2G Eff 5 Mar

TENERIFE-SOUTH, CANARY IS

STAR

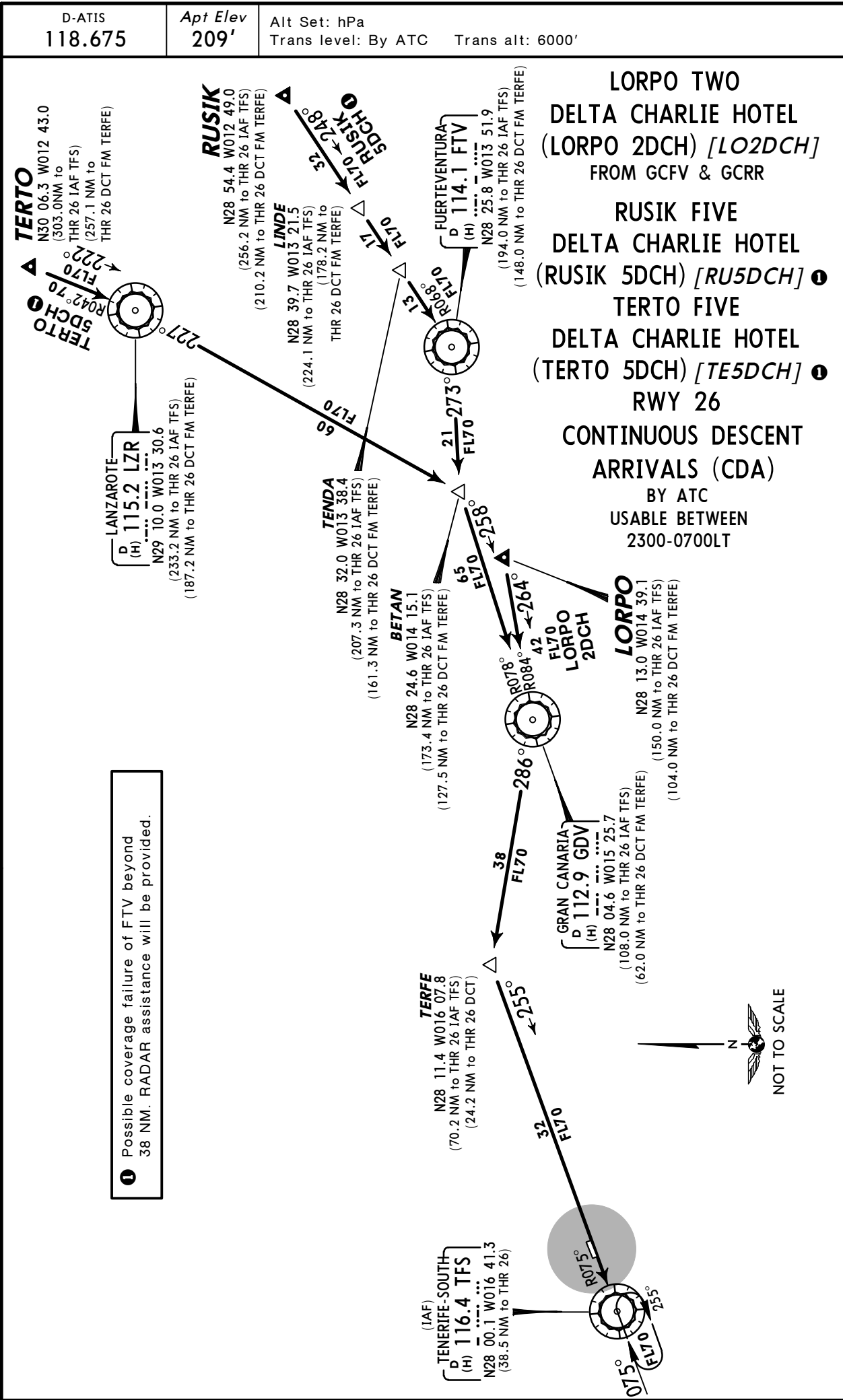


GCTS/TFS
REINA SOFIA

JEPPESSEN
27 FEB 15 10-2H Eff 5 Mar

TENERIFE-SOUTH, CANARY IS

STAR



GCTS/TFS
REINA SOFIA

27 FEB 15

10-2J

Eff 5 Mar

JEPPESEN TENERIFE-SOUTH, CANARY IS

STAR

D-ATIS
118.675

Apt Elev
209'

Alt Set: hPa
Trans level: By ATC Trans alt: 6000'

ODEGI ONE DELTA CHARLIE GOLF
(ODEGI 1DCG) [OD1DCG]

VIDRI FOUR DELTA CHARLIE GOLF
(VIDRI 4DCG) [VI4DCG]

SUBJECT TO GC(D)-79D/T/W ACTIVITY

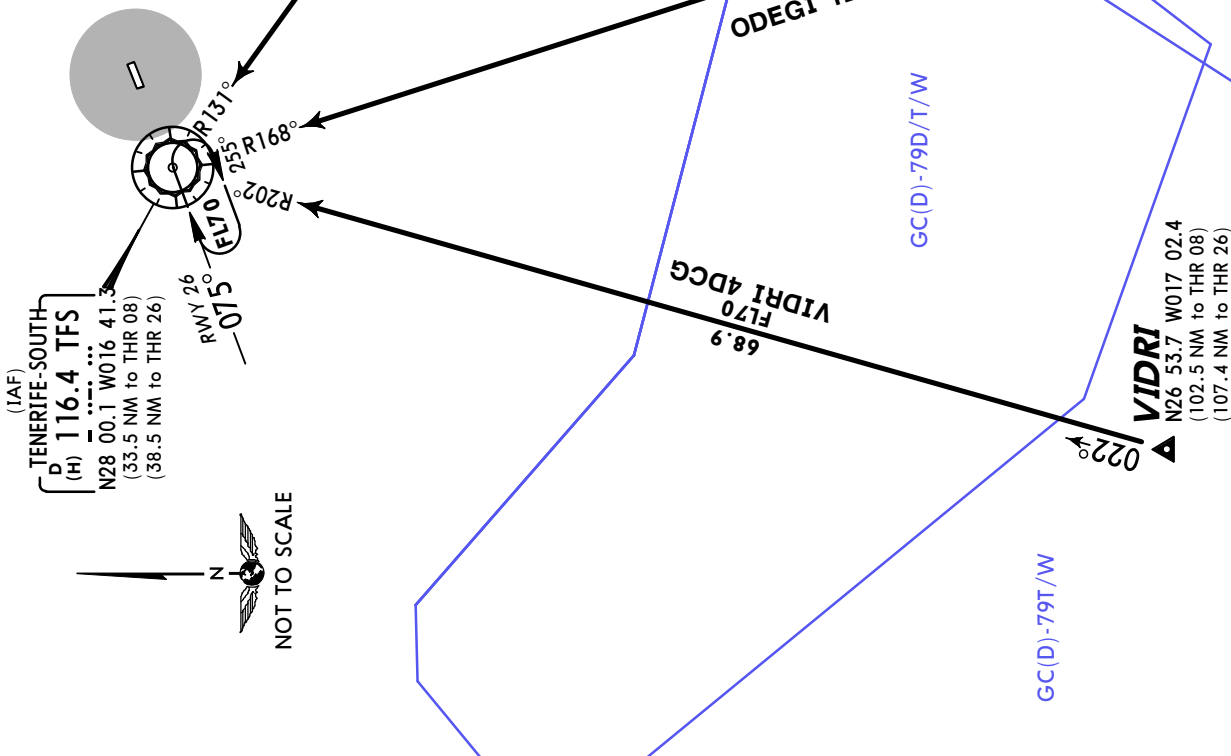
REMGI ONE DELTA CHARLIE GOLF
(REMGI 1DCG) [RE1DCG]

SUBJECT TO GC(D)-20B &
GC(D)-79C/E/N/T ACTIVITY

RWYS 08, 26

CONTINUOUS DESCENT ARRIVALS (CDA)
BY ATC

USABLE BETWEEN 2300-0700LT



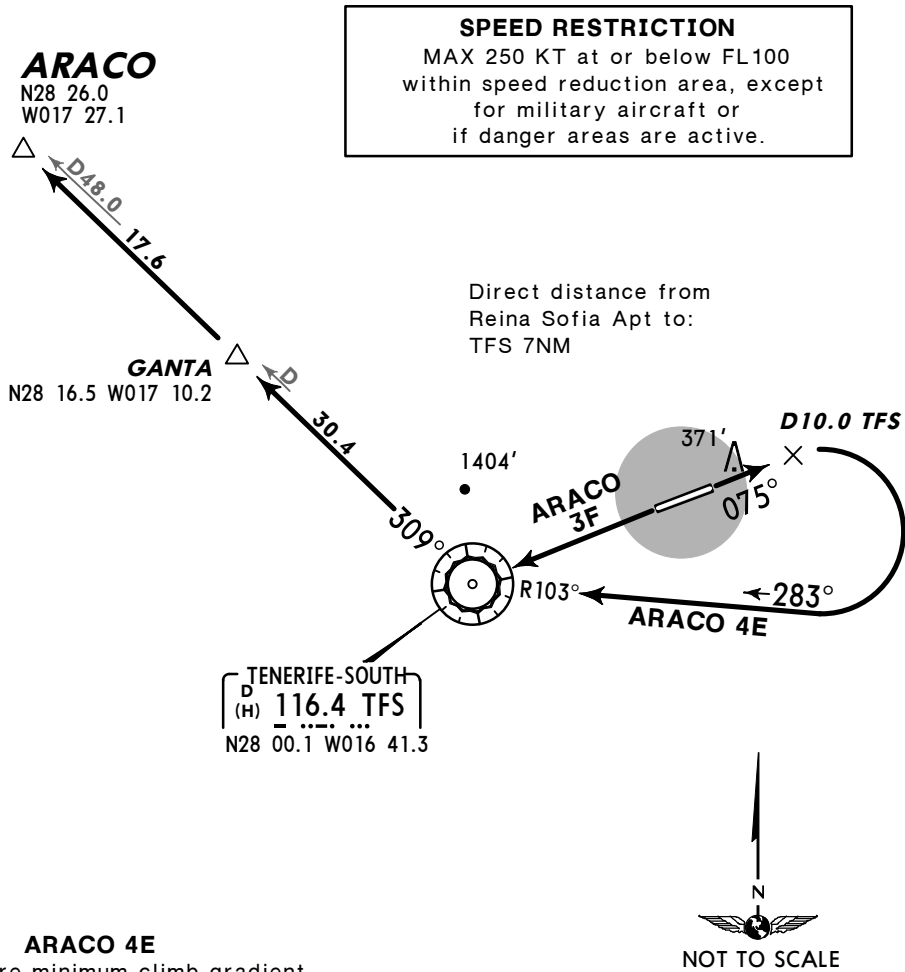
GCTS/TFS
REINA SOFIA

JEPPESEN TENERIFE-SOUTH, CANARY IS
27 FEB 15 **10-3** **Eff 5 Mar** **SID**

Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.

ARACO FOUR ECHO
(ARACO 4E) [ARAC4E]
ARACO THREE FOXTROT
(ARACO 3F) [ARAC3F]
RWYS 08, 26 DEPARTURES



ARACO 4E

This SID require minimum climb gradient
of
4.5% up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
4.5% V/V (fpm)	342	456	684	911	1139	1367
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

Initial ATC clearance:
Maintain **FL90** await further clearance

SID	RWY	ROUTING
ARACO 4E	08	Climb on TFS R-075 to D10.0 TFS, turn RIGHT, intercept TFS R-103 inbound to TFS, TFS R-309 via GANTA to ARACO.
ARACO 3F	26	Climb on runway heading to TFS, TFS R-309 via GANTA to ARACO.

CONTINGENCY DEPARTURE

In case of one or more navaid failure following procedures shall be carried out:
These SIDs require a minimum climb gradient of 10.4% up to FL70.
Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (Rwy 08), or turn RIGHT (Rwy 26), special attention must be taken into account because of high minimum altitudes due to orography.

GCTS/TFS
REINA SOFIA

JEPPESEN TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-3A Eff 5 Mar

SID

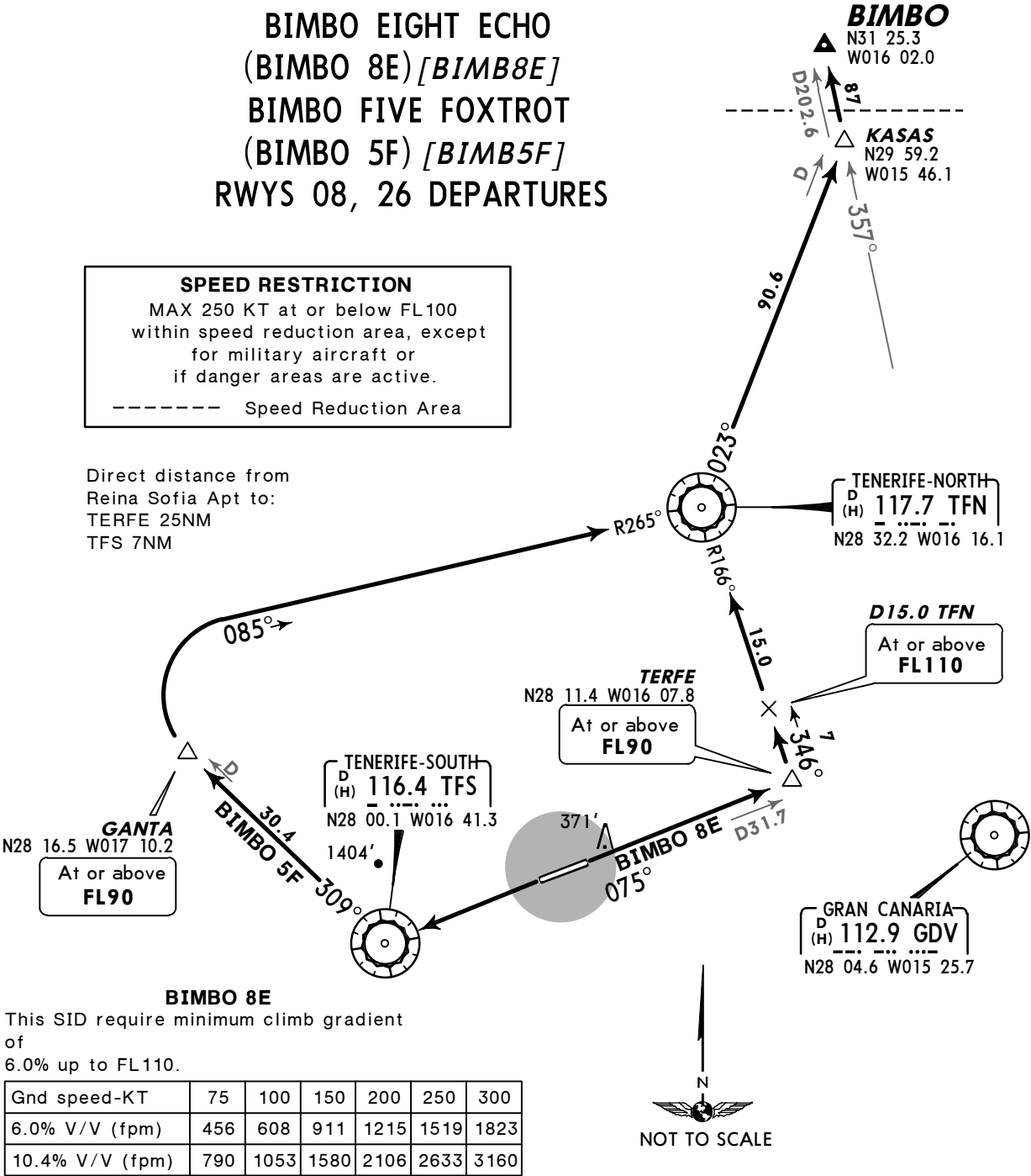
Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
1. Due to restrictions of GDV, and when its coverage is not sufficient below FL150, RADAR vectoring guidance will be provided.
2. EXPECT close-in obstacles.

BIMBO EIGHT ECHO
(BIMBO 8E) [BIMB8E]
BIMBO FIVE FOXTROT
(BIMBO 5F) [BIMB5F]
RWYS 08, 26 DEPARTURES

SPEED RESTRICTION
MAX 250 KT at or below FL100
within speed reduction area, except
for military aircraft or
if danger areas are active.
----- Speed Reduction Area

Direct distance from
Reina Sofia Apt to:
TERFE 25NM
TFS 7NM



Initial ATC clearance: BIMBO 8E: Maintain FL200 , await further clearance BIMBO 5F: Cross GANTA at or above FL90 , climb to FL150 , await further clearance		
SID	RWY	ROUTING
BIMBO 8E	08	Climb on TFS R-075 to TERFE, turn LEFT, intercept TFN R-166 inbound to TFN, TFN R-023 to KASAS, turn LEFT, intercept GDV R-357 to BIMBO.
BIMBO 5F	26	Climb on runway heading to TFS, TFS R-309 to GANTA, turn RIGHT, intercept TFN R-265 inbound to TFN, TFN R-023 to KASAS, turn LEFT, intercept GDV R-357 to BIMBO.
CONTINGENCY DEPARTURE		
In case of one or more navaid failure following procedures shall be carried out: These SIDs require a minimum climb gradient of 10.4% up to FL70. Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (Rwy 08), or turn RIGHT (Rwy 26), special attention must be taken into account because of high minimum altitudes due to orography.		

GCTS/TFS
REINA SOFIA

27 FEB 15
10-3B
Eff 5 Mar

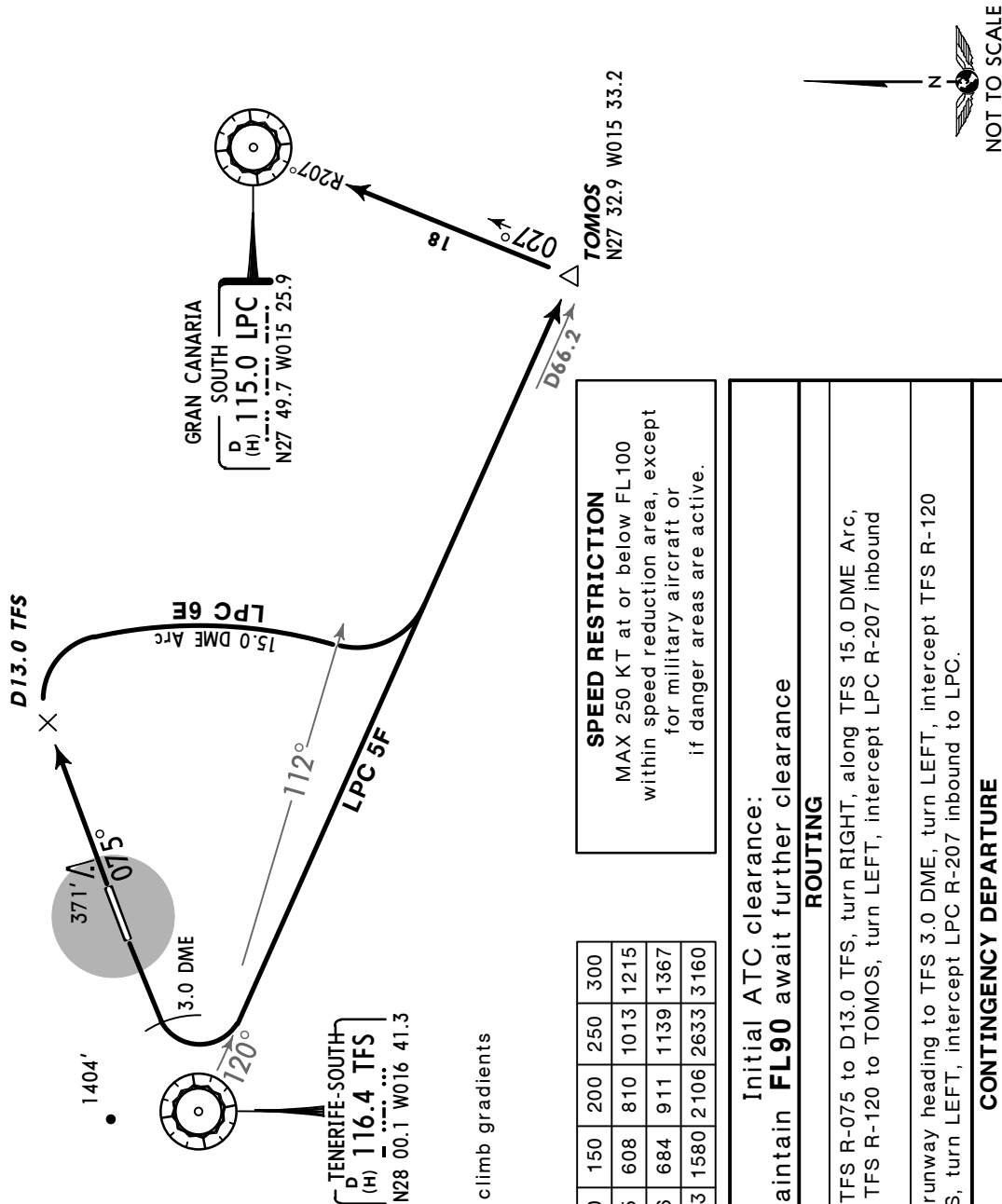
JEPPESEN TENERIFE-SOUTH, CANARY IS

SID

Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.

GRAN CANARIA SOUTH SIX ECHO (LPC 6E)
GRAN CANARIA SOUTH FIVE FOXTROT (LPC 5F)
RWYS 08, 26 DEPARTURES



GCTS/TFS
REINA SOFIA

27 FEB 15 10-3C Eff 5 Mar

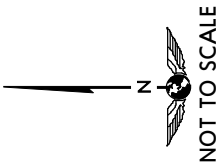
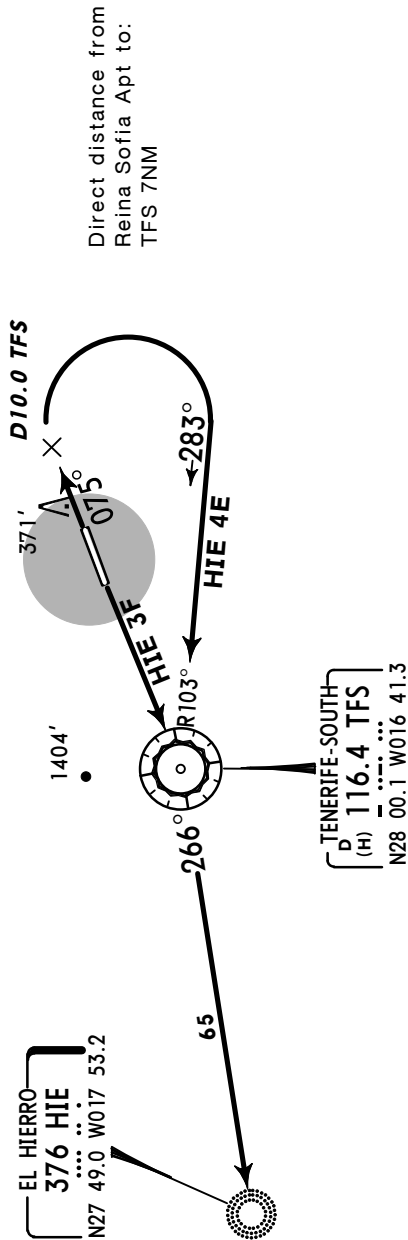
JEPPESEN TENERIFE-SOUTH, CANARY IS

SID

Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.

HIERRO FOUR ECHO (HIE 4E)
HIERRO THREE FOXTROT (HIE 3F)
RWYS 08, 26 DEPARTURES



GCTS/TFS
REINA SOFIA

27 FEB 15 **10-3D** Eff 5 Mar

JEPPESSEN TENERIFE-SOUTH, CANARY IS

SID

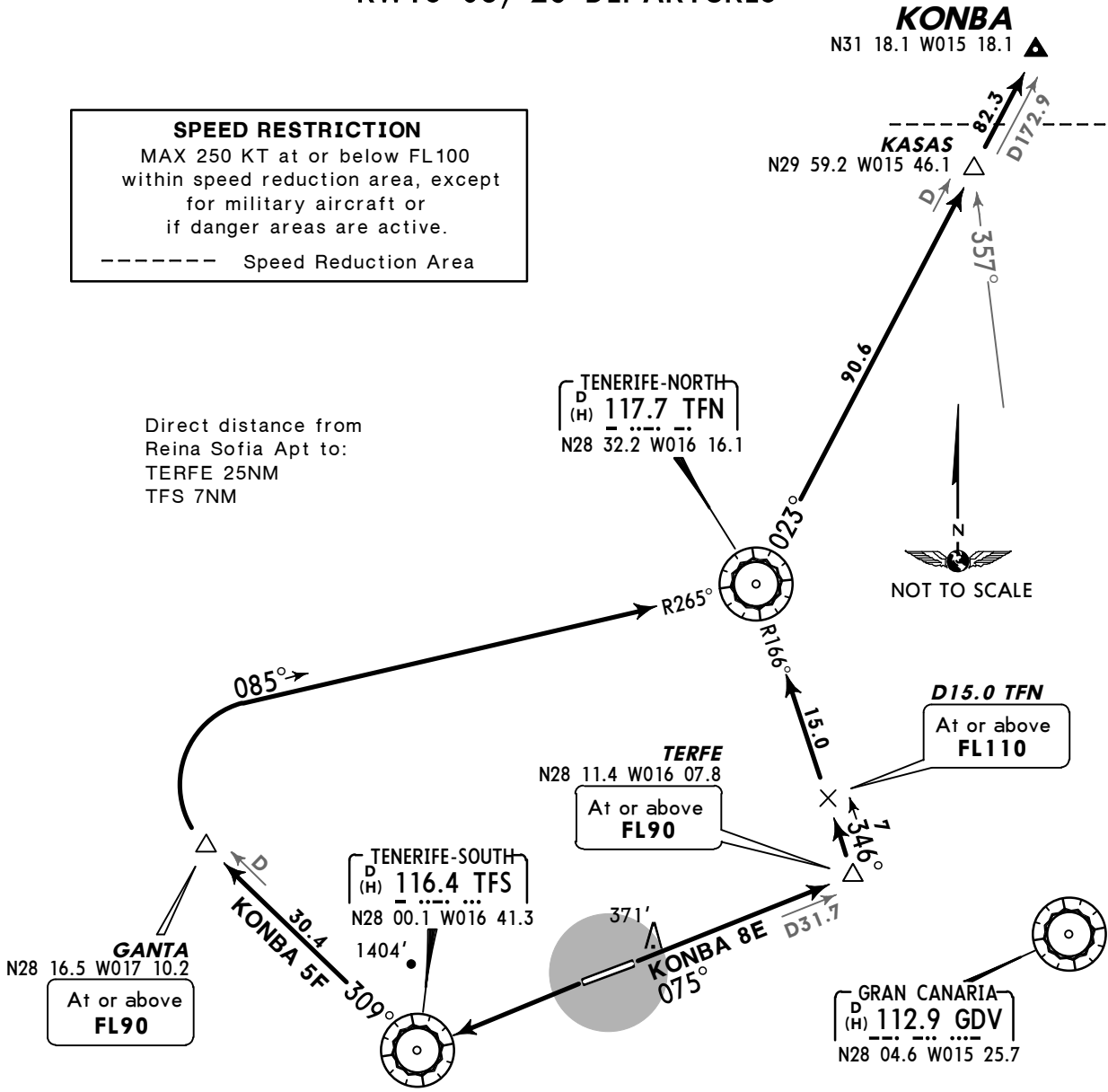
Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.

**KONBA EIGHT ECHO (KONBA 8E)[KONB8E]
KONBA FIVE FOXTROT (KONBA 5F)[KONB5F]
RWYS 08, 26 DEPARTURES**

SPEED RESTRICTION
MAX 250 KT at or below FL100
within speed reduction area, except
for military aircraft or
if danger areas are active.
----- Speed Reduction Area

Direct distance from
Reina Sofia Apt to:
TERFE 25NM
TFS 7NM



KONBA 8E

This SID requires a minimum climb gradient
of
6.0% up to FL110.

Gnd speed-KT	75	100	150	200	250	300
6.0% V/V (fpm)	456	608	911	1215	1519	1823
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

Initial ATC clearance:

KONBA 8E: Maintain **FL200**, await further clearance

KONBA 5F: Cross **GANTA** at or above **FL90**, climb to **FL150**,
await further clearance

SID	RWY	ROUTING
KONBA 8E	08	Climb on TFS R-075 to TERFE, turn LEFT, intercept TFN R-166 inbound to TFN, TFN R-023 via KASAS to KONBA.
KONBA 5F	26	Climb on runway heading to TFS, TFS R-309 to GANTA, turn RIGHT, intercept TFN R-265 inbound to TFN, TFN R-023 via KASAS to KONBA.

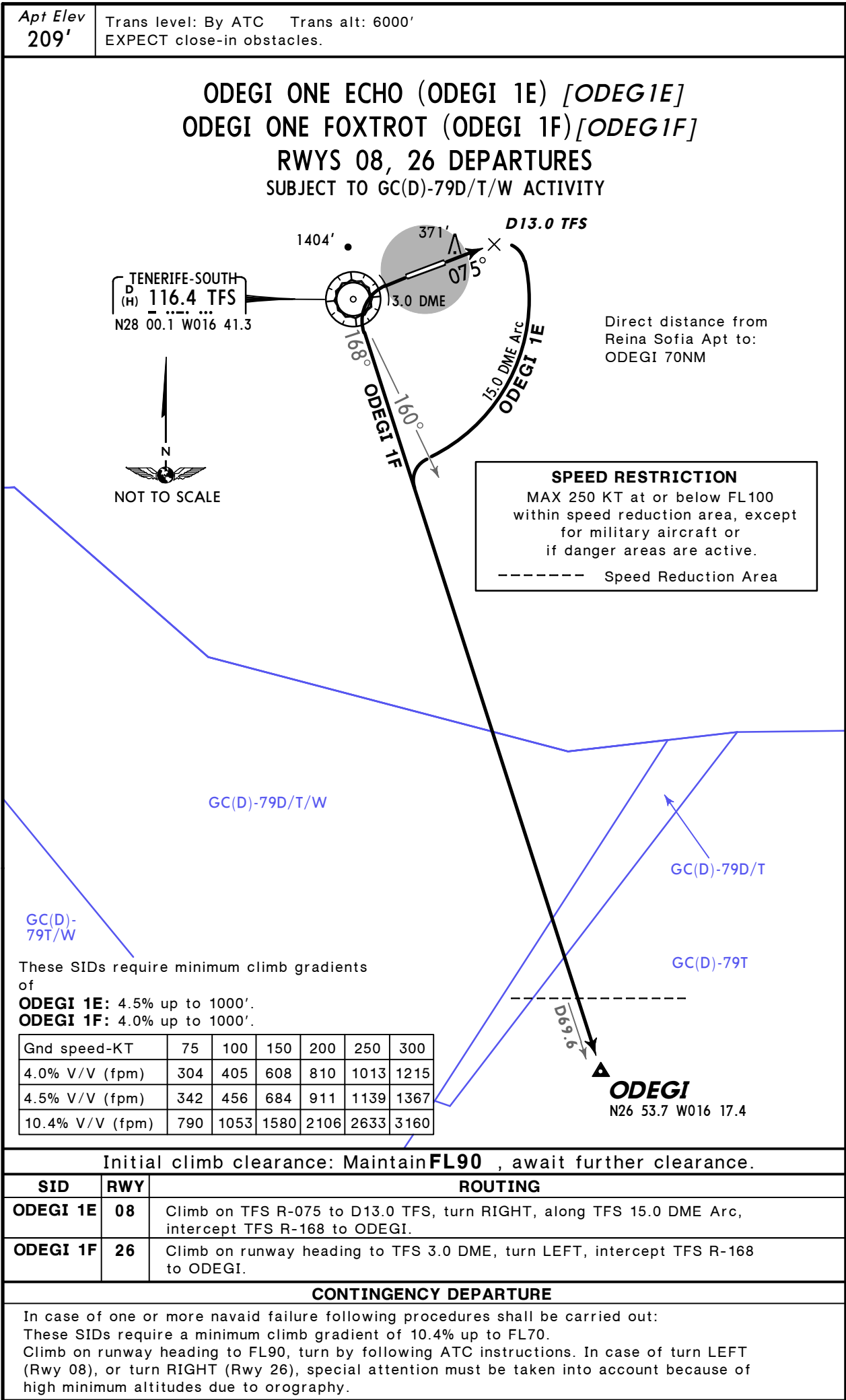
CONTINGENCY DEPARTURE

In case of one or more navaid failure following procedures shall be carried out:
These SIDs require a minimum climb gradient of 10.4% up to FL70.
Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (Rwy 08), or turn RIGHT (Rwy 26), special attention must be taken into account because of high minimum altitudes due to orography.

GCTS/TFS
REINA SOFIA

JEPPesen TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-3G Eff 5 Mar

SID



GCTS/TFS
REINA SOFIA

27 FEB 15

10-3J

Eff 5 Mar

JEPPESSEN TENERIFE-SOUTH, CANARY IS

SID

Apt Elev
209'

Trans level: By ATC Trans alt: 6000'
EXPECT close-in obstacles.

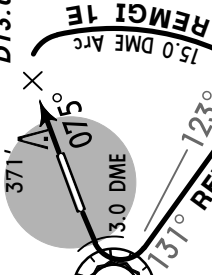
REMGI ONE ECHO (REMGI 1E) [REMG1E]
REMGI ONE FOXTROT (REMGI 1F) [REMG1F]
RWYS 08, 26 DEPARTURES
SUBJECT TO GC(D)-20B & GC(D)-79C/E/N/T ACTIVITY

SPEED RESTRICTION

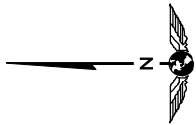
MAX 250 KT at or below FL100
within speed reduction area, except
for military aircraft or
if danger areas are active.

Direct distance from
Reina Sofia Apt to:
REMGI 90NM

D13.0 TFS



TENERIFE-SOUTH
(H) 116.4 TFS
N28 00.1 W016 41.3



NOT TO SCALE

These SIDs require minimum climb gradients
of
REMGI 1E: 4.5% up to 1000'.
REMGI 1F: 4.0% up to 1000'.

Gnd speed-KT	75	100	150	200	250	300
4.0% V/V (fpm)	304	405	608	810	1013	1215
4.5% V/V (fpm)	342	456	684	911	1139	1367
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

Initial climb clearance: Maintain **FL90**, await further clearance.

ROUTING

SID	RWY
REMGI 1E	08
REMGI 1F	26

Climb on TFS R-075 to D13.0 TFS, turn RIGHT, along TFS 15.0 DME Arc, intercept TFS R-131 to REMGI.
Climb on runway heading to TFS 3.0 DME, turn LEFT, intercept TFS R-131 to REMGI.

CONTINGENCY DEPARTURE

In case of one or more navaid failure following procedures shall be carried out:
These SIDs require a minimum climb gradient of 10.4% up to FL70.
Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (Rwy 08), or turn RIGHT (Rwy 26), special attention must be taken into account because of high minimum altitudes due to orography.

GC(D)-79C

GC(D)-79C/E/N/T

D93.3

REMGI

N27 05.4 W015 16.2

GC(D)-20B

GC(D)-79T

GC(D)-79N/T

GCTS/TFS
REINA SOFIA

27 FEB 15 10-3K Eff 5 Mar

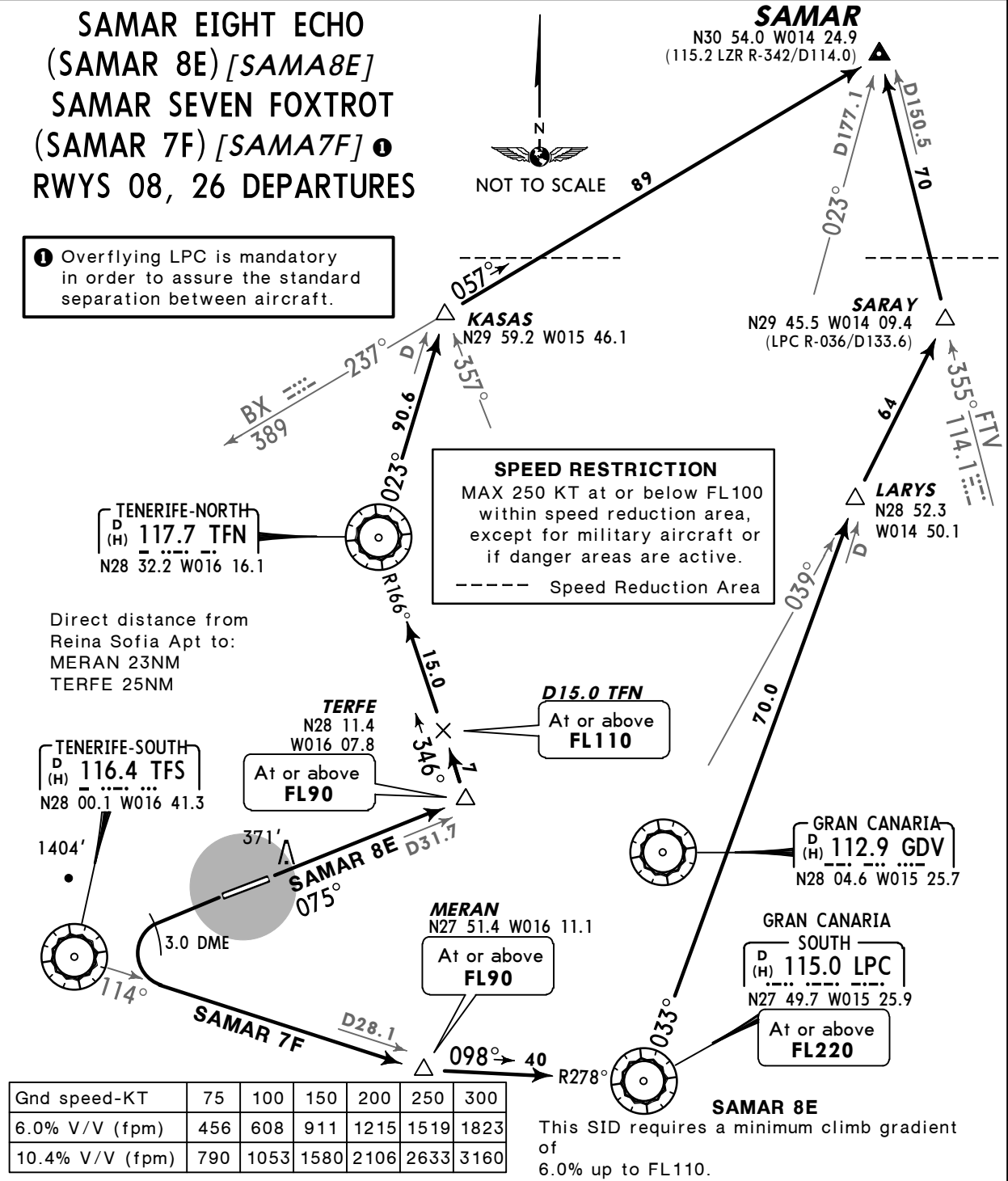
JEPPESSEN TENERIFE-SOUTH, CANARY IS

SID

Apt Elev 209' Trans level: By ATC Trans alt: 6000' EXPECT close-in obstacles.

SAMAR EIGHT ECHO
(SAMAR 8E) [SAMA8E]
SAMAR SEVEN FOXTROT
(SAMAR 7F) [SAMA7F] ①
RWYS 08, 26 DEPARTURES

① Overflying LPC is mandatory in order to assure the standard separation between aircraft.



Initial ATC clearance:
SAMAR 8E: Maintain **FL200**, await further clearance
SAMAR 7F: Cross MERAN at or above **FL90**, LPC at or above **FL220**, maintain **FL240**, await further clearance

SID	RWY	ROUTING
SAMAR 8E	08	Climb on TFS R-075 to TERFE, turn LEFT, intercept TFN R-166 inbound to TFN, TFN R-023 to KASAS, turn RIGHT, intercept 057° bearing from BX to SAMAR.
SAMAR 7F ①	26	Climb on runway heading to TFS 3.0 DME, turn LEFT, intercept TFS R-114 to MERAN, turn LEFT, intercept LPC R-278 inbound to LPC, LPC R-033 to LARYS, turn RIGHT, intercept GDV R-039 to SARAY, turn LEFT, intercept FTV R-355 to SAMAR.

CONTINGENCY DEPARTURE

In case of one or more navaid failure following procedures shall be carried out:
These SIDs require a minimum climb gradient of 10.4% up to FL70.
Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (Rwy 08), or turn RIGHT (Rwy 26), special attention must be taken into account because of high minimum altitudes due to orography.

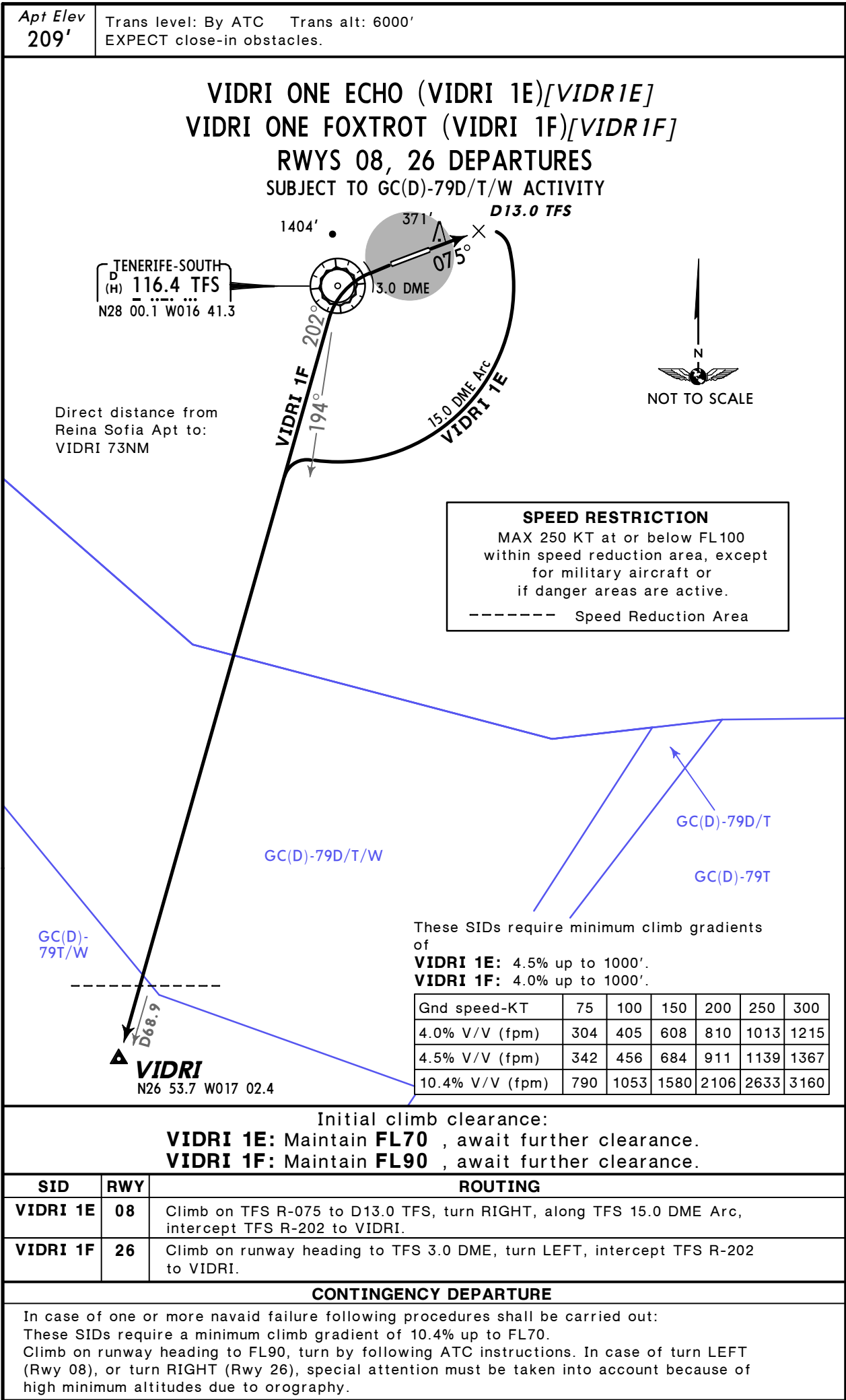
SPEED RESTRICTION
MAX 250 KT at or below FL100
within speed reduction area,
except for military aircraft or
if danger areas are active.

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GCTS/TFS
REINA SOFIA

JEPPESEN TENERIFE-SOUTH, CANARY IS
27 FEB 15 10-3M Eff 5 Mar

SID



GCTS/TFS
REINA SOFIA

19 NOV 99
Eff 2 Dec 10-4

JEPPESEN TENERIFE SOUTH, CANARY IS

NOISE

NOISE ABATEMENT

SUMMER: LT minus 1 HOUR = UTC(Z)
WINTER: LT = UTC(Z)

ARRIVALS

Landing and approach procedures on visual meteorological conditions will be performed with an angle equal to or higher than the ILS GP or PAPI of each runway.
At night time, visual approaches shall avoid overflying inhabited areas and visual approaches to runway 26 from west via Ganta Int or TFS VORDME shall not initiate the left turn before TFS 10 DME.

DEPARTURES

Take-off Take-off power.
 Take-off flaps/slats.
 Climb at $V_2 + 10$ KT to 1500' AGL.
At 1500' Reduce to power of ascent.
 Accelerate to zero flap minimum safe manoeuvring speed (VZF) + 10 KT maintaining minimum rate of climb 500'.
 Retract flaps/slats as needed.
Up to FL60 Do not exceed 250 KT and continue SID in force, except ATC clearance.

Aircraft taking-off from runway 08 shall maintain runway heading until TFS 10 DME before initiating any right turn.
Aircraft taking-off from runway 26 and overflying TFS VORDME must not turn right before overflying this navigation facility.

RUN-UP TESTS

Engine tests higher than idle regime are forbidden between 0000-0600LT. Exceptions are allowed only, if it is essential for aircrafts return to the origin airport, or when the planned and cleared flight takes off between 0400-0600LT.

GCTS/TFS

Apt Elev 209'
N28 02.7 W016 34.4



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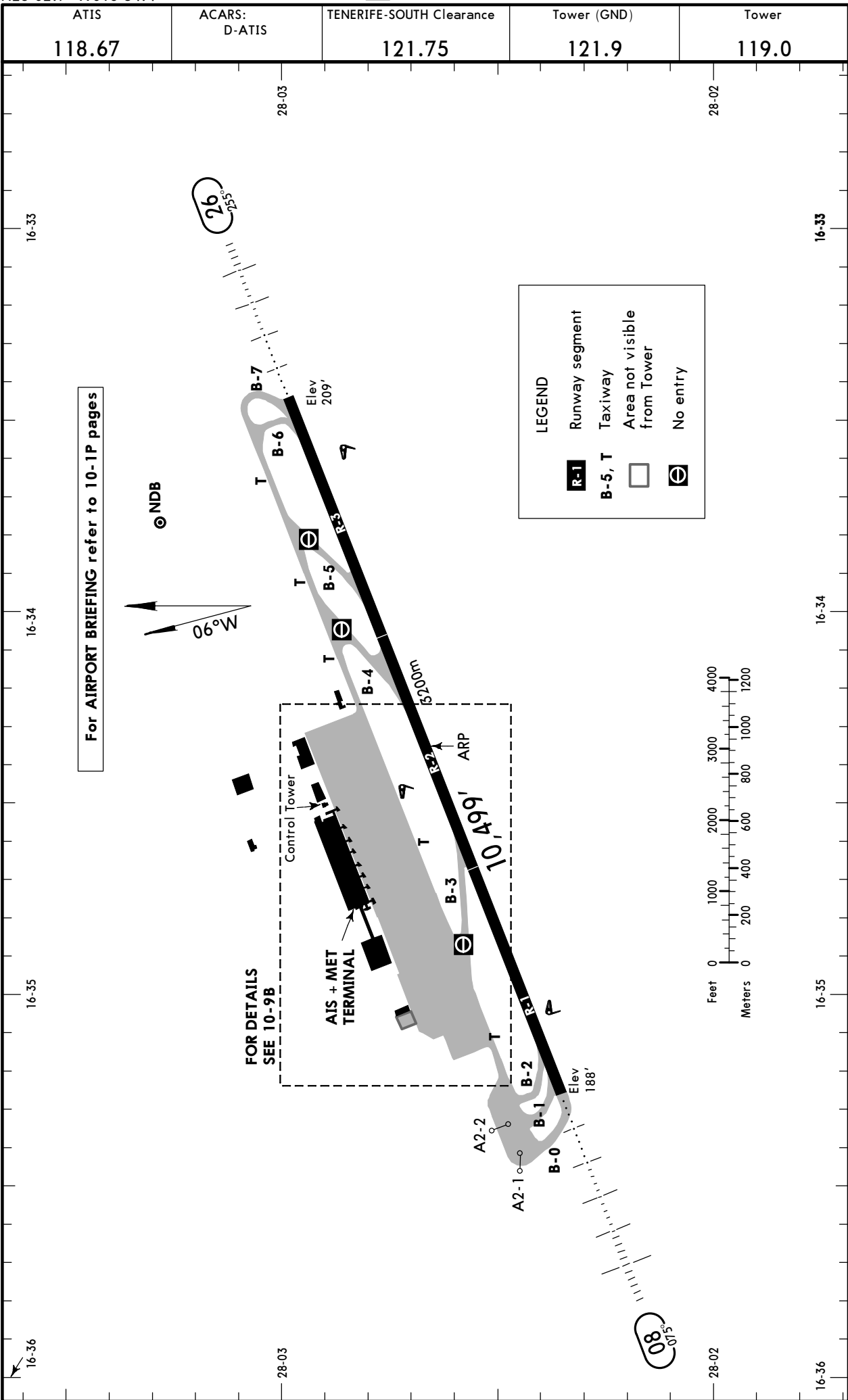
TENERIFE-SOUTH, CANARY IS

20 MAR 15

(10-9)

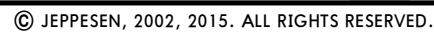
Eff 2 Apr

REINA SOFIA



CHANGES: Rapid exit TWY entry restrictions.

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GCTS/TFS

JEPPesen
20 MAR 15
Eff 2 Apr 10-9C

TENERIFE-SOUTH, CANARY IS
REINA SOFIA

VISUAL DOCKING GUIDANCE SYSTEM

GENERAL

This system contains information about azimuth guidance (shows the aircraft position with relation to the centerline of the parking area) and distance to the stop position, (based on a laser radar measurement), that is provided by a display unit, in front of the cockpit.

DISPLAY UNIT

Consists of:

1. One alphanumeric presentation line of 4 characters, composed by yellow LED, which can indicate several information: 'ACFT TYPE, STOP, OK, TOO FAR, SLOW DOWN, WAIT TEST, ID FAIL and DOWN GRADE'.
2. One line with a unit of yellow LED and 2 units of red/yellow LED for indication of acft azimuth and stop indication.
3. One column of 3 units of yellow LED in the center to indicate the distance to the stop position.

PILOT INSTRUCTIONS

GENERAL ADVICE

When the pilot is not sure about the information shown in the display unit, he must immediately stop the acft and obtain more information to proceed.

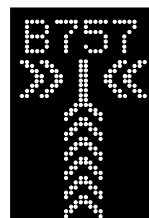
1. DOCKING START

When the system starts (manually operated by an operator in ground), it shows the flashing message: 'WAIT TEST'.

2. CAPTURE

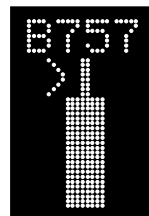
When the system is working in capture way, looking for the approaching acft, the system shows vertical floating arrows. The first line of the display unit will show the 'ACFT TYPE'.

ADVICE: If the system does not show vertical arrows in movement and an acft type like the approaching acft, the pilot must not enter into the stand point area.



3. MONITORING

When the acft has been captured by the laser, the floating arrows are substituted by the yellow indicator in the centerline. A flashing red arrow shows the pilot the direction of turn in order to line-up along the stand edge. If the system does not show the direction arrows, it means the acft is over the centerline.



4. APPROACH RATE

When the acft is less than 52'/16m from the stop point, the approach rate is shown by one LED line turn-off from the centerline each 2'/0,7m covered when the acft moves until the stop position.

5. SPEED REDUCTION

When the acft exceeds the programmed approach speed, the display unit will show 'SLOW DOWN' such as advice to pilot.

6. REACHING STOP POINT

When the correct stop point is reached, the display unit shows STOP and red bar lights turn on.

7. DOCKING FINISHED

When the acft is parked, the display unit shows 'OK'.

8. EXCEEDED

When the acft exceeds the stop point, the display unit shows 'TOO FAR'.

9. WAIT

When the detected acft is lost during the docking routine, 39'/12m before the stop point, the display unit will show 'WAIT'. The routine will continue when the system detects the acft again.

10. ADVERSE METEOROLOGICAL CONDITIONS

When the system visibility is reduced due to any reason, the display unit will show 'DOWN GRADE'. As soon as the system identifies the acft, the display unit will show the rate approach bar in order to continue the docking routine.

ADVICE: The pilot must not exceed the boarding bridge unless the message 'DOWN GRADE' had been substituted by the rate approach bar.

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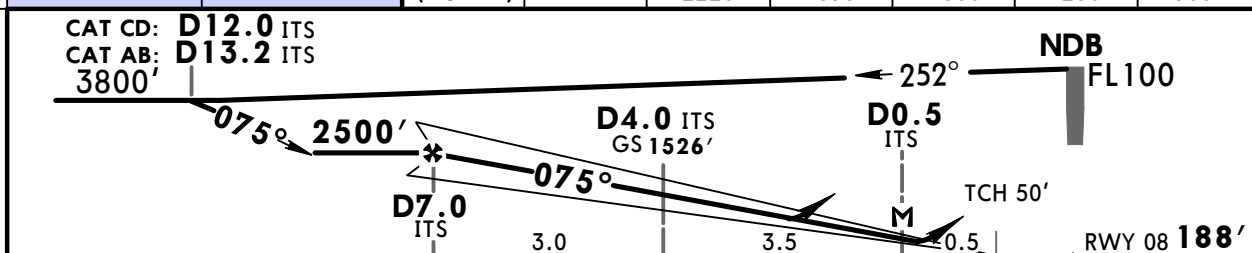
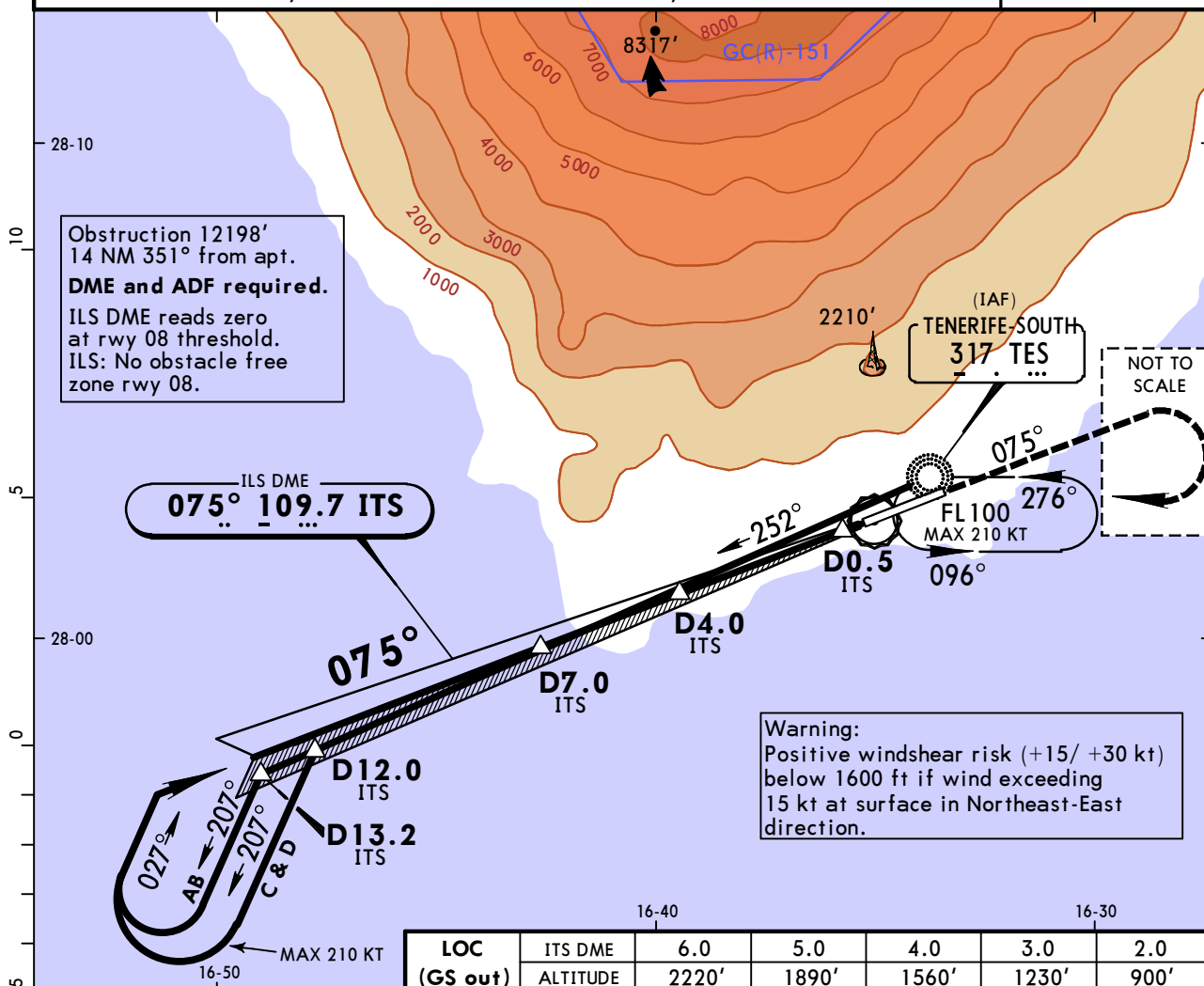
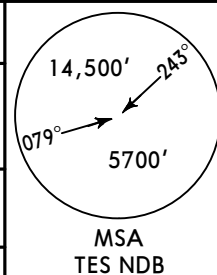
11 SEP 15

11-2

Eff 17 Sep

JEPPesen TENERIFE-SOUTH, CANARY IS
ILS Y or LOC Y Rwy 08

D-ATIS 118.675	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9
LOC ITS 109.7	Final Apch Crs 075°	GS D4.0 ITS 1526' (1338')	ILS DA(H) Refer to Minimums Apt Elev 209' RWY 188'
MISSED APCH: Climb STRAIGHT AHEAD to 5500', then turn RIGHT (MAX 220 KT) to NDB at FL100 and join holding.			
Alt Set: hPa	Rwy Elev: 7 hPa	Trans level: By ATC	Trans alt: 6000'



Gnd speed-Kts	70	90	100	120	140	160	
ILS GS	3.00°	372	478	531	637	743	849
LOC Desc Angle	3.10°	384	494	548	658	768	878
MAP at D0.5 ITS							

Standard						CIRCLE-TO-LAND	
Missed Apch climb gradient mim 3.0 %			Missed Apch climb gradient mim 2.5 %			Not authorized North of rwy	
DA(H) 1			DA(H) 2			DA(H) 800' (612')	
FULL			FULL			ALS out	
Limited			Limited			Max Kts	
A						100	1180' (971') 1500m
B	RVR 550m		RVR 550m			135	1250' (1041') 1600m
C		RVR 1200m		RVR 1200m		180	1350' (1141') 2400m
D	RVR 600m	RVR 1300m	RVR 600m	RVR 1300m		205	1350' (1141') 3600m

CHANGES: ILS DME ident. © JEPPesen, 2000, 2015. ALL RIGHTS RESERVED.

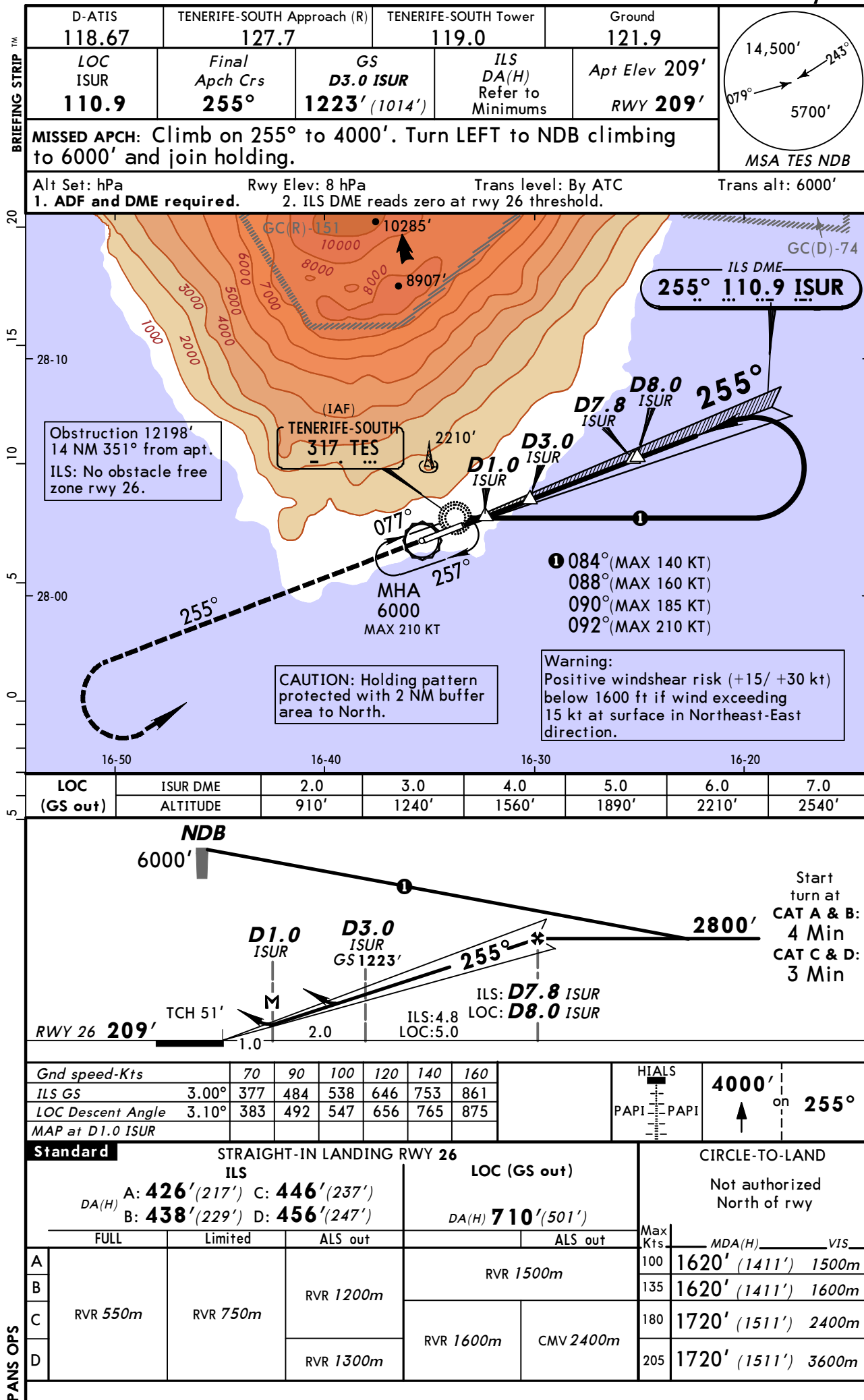
GCTS/TFS
REINA SOFIA

11 JUL 14

(11-3)

Eff 24 Jul

JEPPesen TENERIFE-SOUTH, CANARY IS
ILS Z or LOC Z Rwy 26

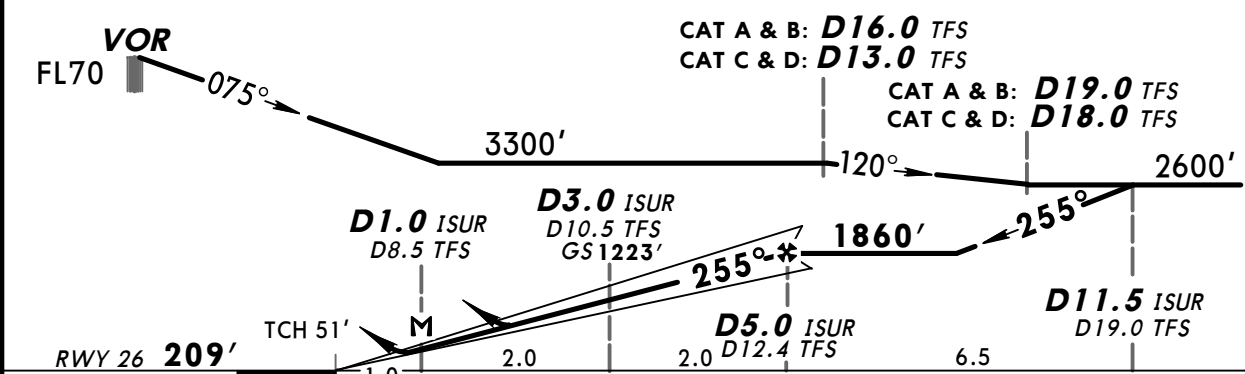
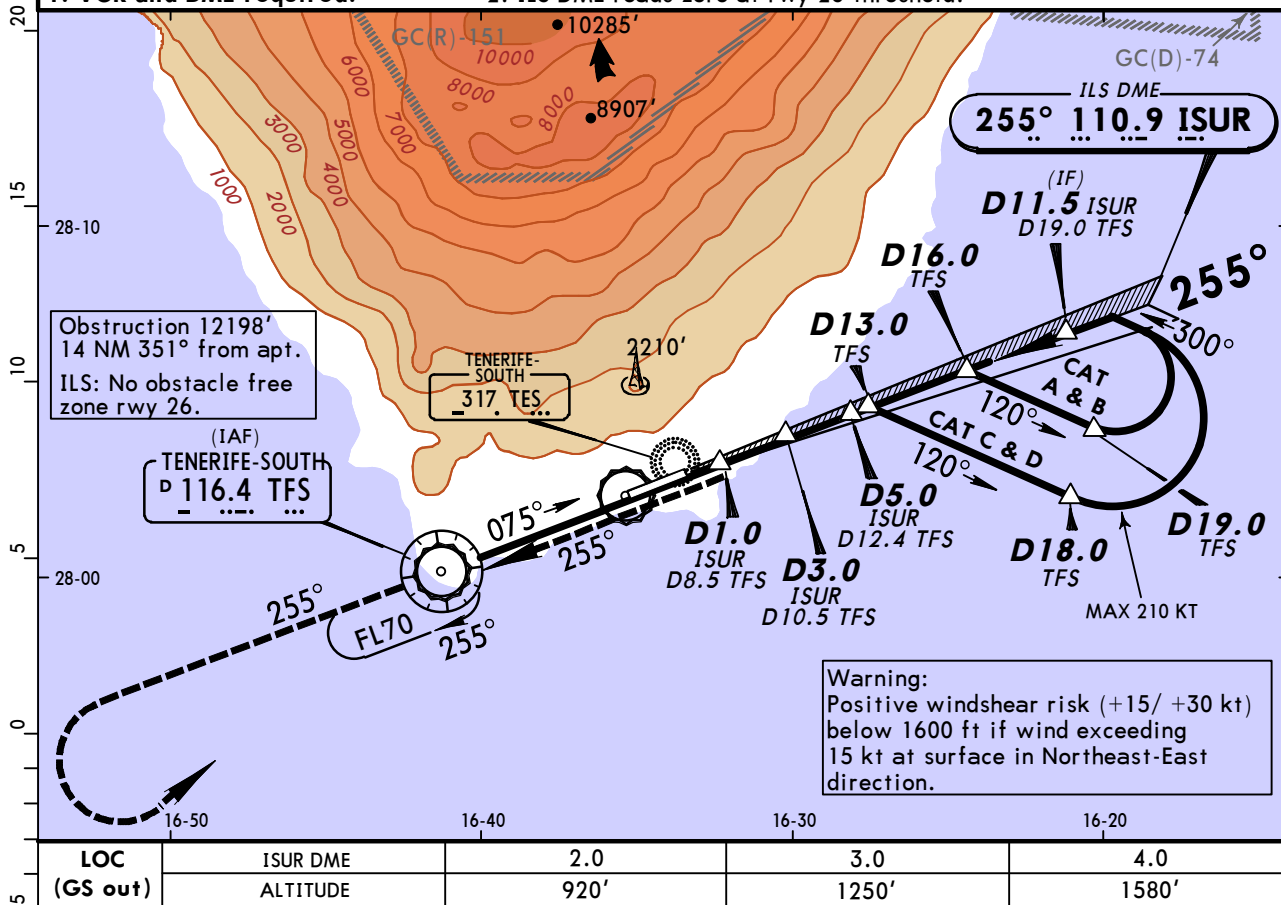


GCTS/TFS
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JEPPESSEN TENERIFE-SOUTH, CANARY IS
11 JUL 14 **(11-4)** **Eff 24 Jul** **ILS Y or LOC Y Rwy 26**

D-ATIS 118.67	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9
LOC ISUR 110.9	Final Apch Crs 255°	GS D3.0 ISUR 1223' (1014')	ILS DA(H) Refer to Minimums Apt Elev 209' RWY 209'
MISSED APCH: Climb on R-075 inbound to 5000', then turn LEFT direct to VOR climbing to FL70 and join holding.			
MSA TFS VOR			

Alt Set: hPa Rwy Elev: 8 hPa Trans level: By ATC Trans alt: 6000'
1. VOR and DME required. 2. ILS DME reads zero at rwy 26 threshold.



<i>Gnd speed-Kts</i>	70	90	100	120	140	160	HIALS
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Standard		STRAIGHT-IN LANDING RWY 26			CIRCLE-TO-LAND	
ILS			LOC (GS out)		Not authorized North of rwy	
A: 409' (200') C: 418' (209') B: 410' (201') D: 428' (219')			DA(H) 720' (511')			
FULL		Limited	ALS out	ALS out		Max Kts
A	RVR 550m	RVR 750m	RVR 1200m	RVR 1500m		100
B				RVR 1600m		135
C				CMV 2400m		180
D						205

GCTS/TFS
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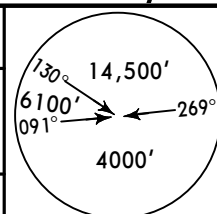
11 JUL 14

(13-1)

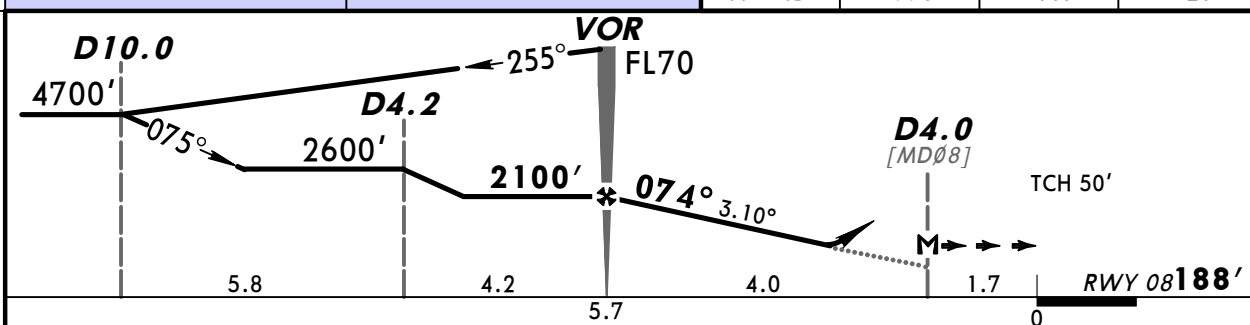
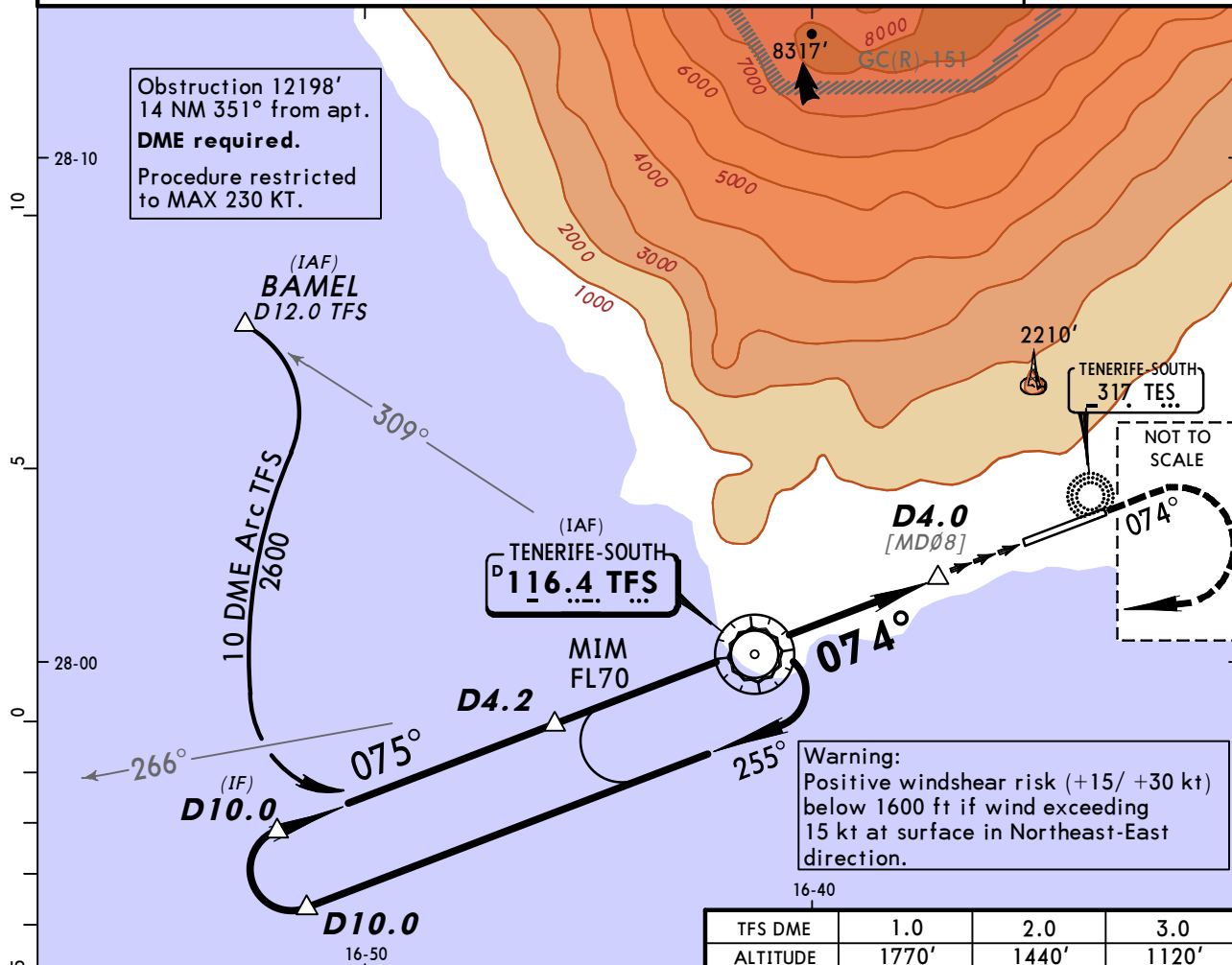
Eff 24 Jul

JEPPESEN TENERIFE-SOUTH, CANARY IS
VOR Rwy 08

D-ATIS 118.67	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9
VOR TFS 116.4	Final Apch Crs 074°	Minimum Alt VOR 2100' (1912')	DA(H) (CONDITIONAL) 950' (762')
Apt Elev 209' RWY 188'			
MISSED APCH: Climb on R-074 to 5000', then turn RIGHT (MAX 220 KT) to VOR at FL70 and join holding.			
Alt Set: hPa	Rwy Elev: 7 hPa	Trans level: By ATC	Trans alt: 6000'



MSA
TFS VOR



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.10°	384	494	548	658	768	878
MAP at D4.0						

Standard STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND		
Missed Apch climb gradient min 3.5 % DA(H) 950' (762')		Missed Apch climb gradient min 2.5 % DA(H) 1060' (872')		Not authorized North of rwy		
	ALS out		ALS out	Max Kts	MDA(H)	VIS
A	RVR 1500m		RVR 1500m	100	1620' (1411')	1500m
B				135	1620' (1411')	1600m
C	CMV 2400m		CMV 2400m	180	1720' (1511')	2400m
D				205	1720' (1511')	3600m

CHANGES: Procedure. Notes.

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GCTS/TFS
REINA SOFIA

JEPPESSEN 11 JUL 14 **(13-2)** **Eff 24 Jul**

TENERIFE-SOUTH, CANARY IS
VOR Rwy 26

BRIEFING STRIP

D-ATIS 118.67	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9	
VOR TFS 116.4	Final Apch Crs 254°	Minimum Alt D12.0 1600' (1391')	DA(H) 1330' (1121')	Apt Elev 209' RWY 209'
MISSED APCH: Climb on R-074 inbound to 5000', then direct to VOR at FL70 and join holding.				
Alt Set: hPa	Rwy Elev: 8 hPa	Trans level: By ATC	Trans alt: 6000'	

130°

6100'

091°

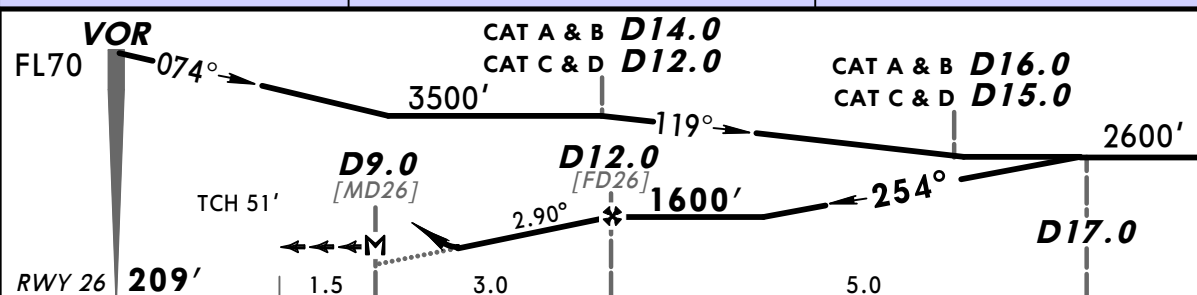
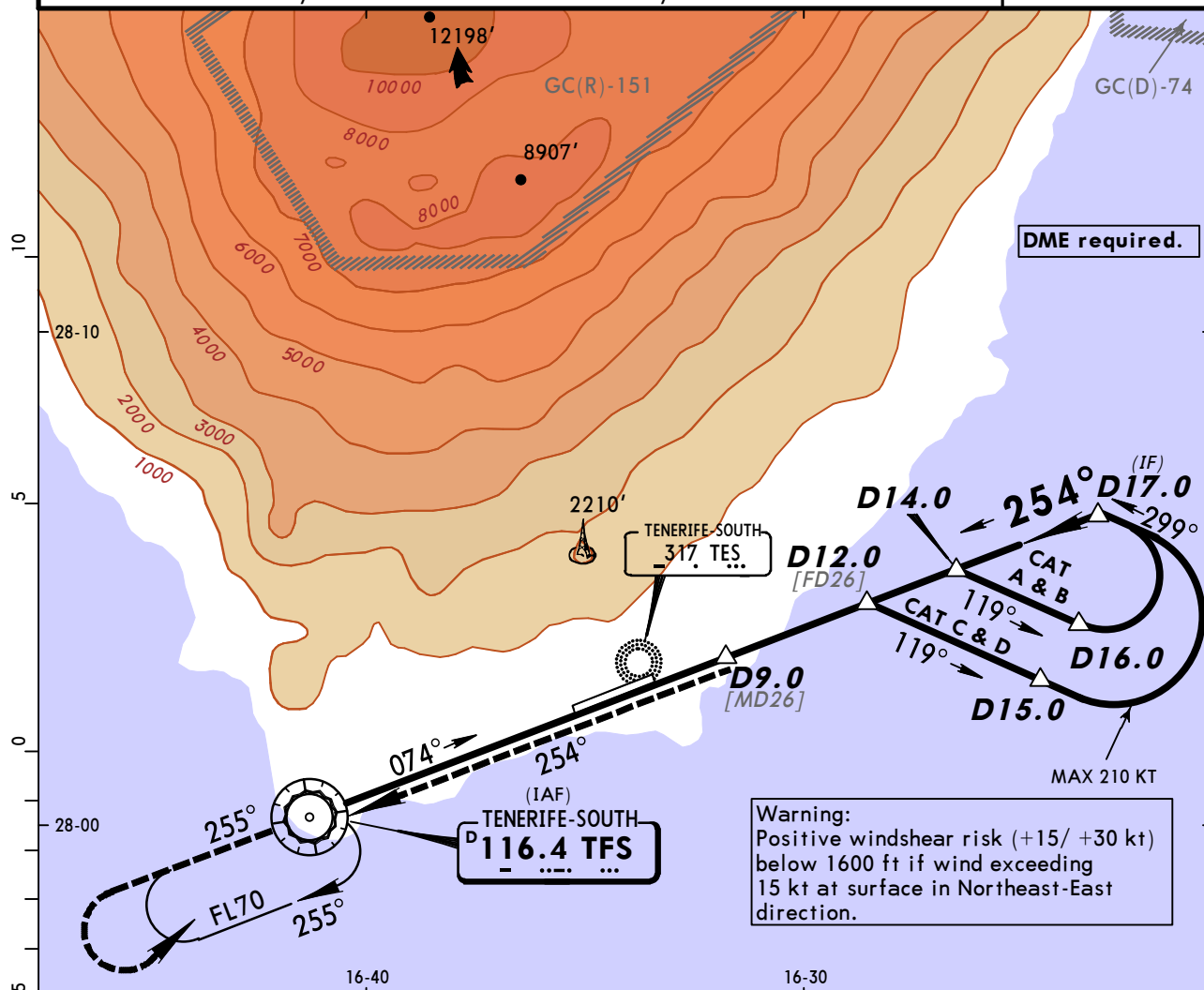
14,500'

269°

4000'

MSA

TFS VOR



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 2.90°	359	462	513	616	718	821
MAP at D9.0						

HIALS	5000'
PAPI	PAPI

Standard STRAIGHT-IN LANDING RWY 26

DA(H) 1330' (1121')	ALS out	Max Kts
A	RVR 1500m	100
B		135
C	CMV 2400m	180
D		205

CIRCLE-TO-LAND

Not authorized North of rwy

MDA(H)	VIS
1620' (1411')	1500m
1620' (1411')	1600m
1720' (1511')	2400m
1720' (1511')	3600m

CHANGES: Procedure. Notes.

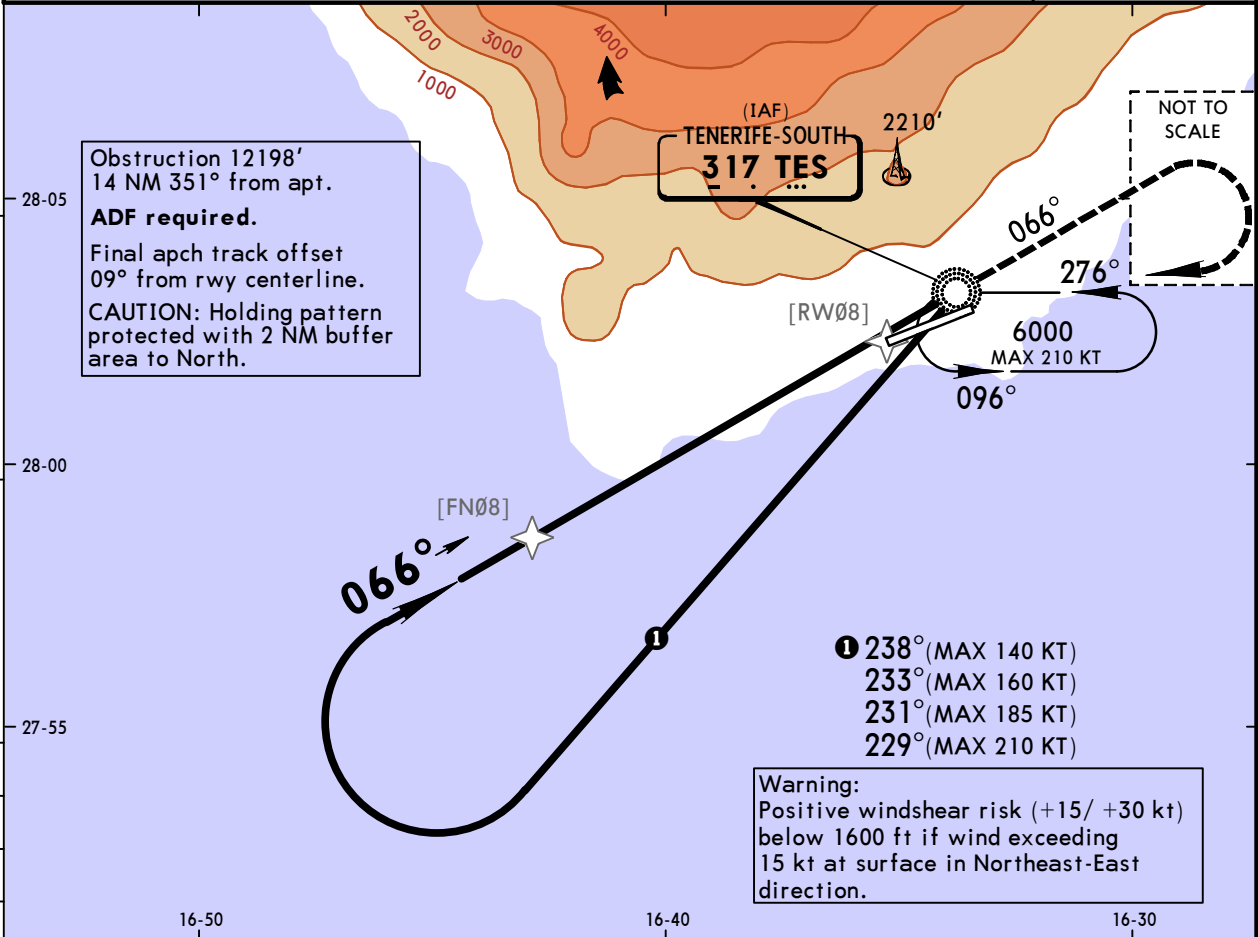
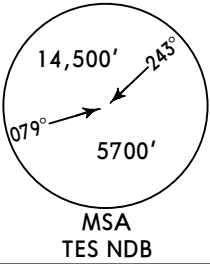
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GCTS/TFS
REINA SOFIA

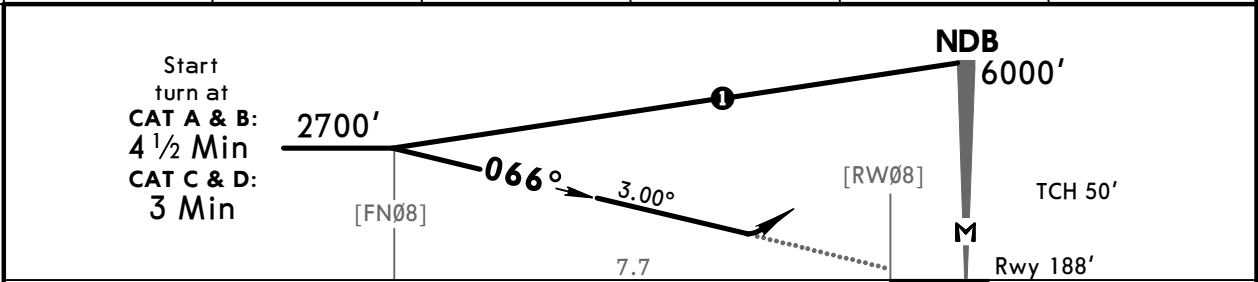
6 MAR 15 (16-1)

JEPPESSEN TENERIFE-SOUTH, CANARY IS
NDB Rwy 08

D-ATIS 118.675	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9
NDB TES 317	Final Apch Crs 066°	Minimum Alt No FAF	CDFA DA(H) 1080' (892')
Apt Elev 209'			Rwy 188'
MISSED APCH: Climb on 066° to 4000'. Turn RIGHT to NDB climbing to 6000' and join holding.			
Alt Set: hPa	Rwy Elev: 7 hPa	Trans level: By ATC	Trans alt: 6000'



DIST to RW08	7.0	6.0	5.0	4.0	3.0
ALTITUDE	2480'	2160'	1850'	1530'	1210'



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
MAP at NDB						

Standard STRAIGHT-IN LANDING RWY 08				CIRCLE-TO-LAND Not authorized North of rwy	
CDFA DA(H) 1080' (892')		non-CDFA MDA(H) 1080' (892')		Max Kts	MDA(H) VIS
ALS out		ALS out		100	1620' (1411') 1500m
RVR 1500m		CMV 3500m		135	1620' (1411') 1600m
CMV 3300m		CMV 3700m		180	1720' (1511') 1400m
CMV 4000m		CMV 4400m		205	

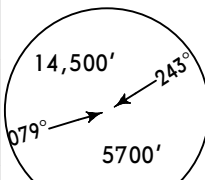
After non-CDFA apch: CAT AB VIS 4200m, CAT CD VIS 4400m.
CHANGES: Turn altitude.
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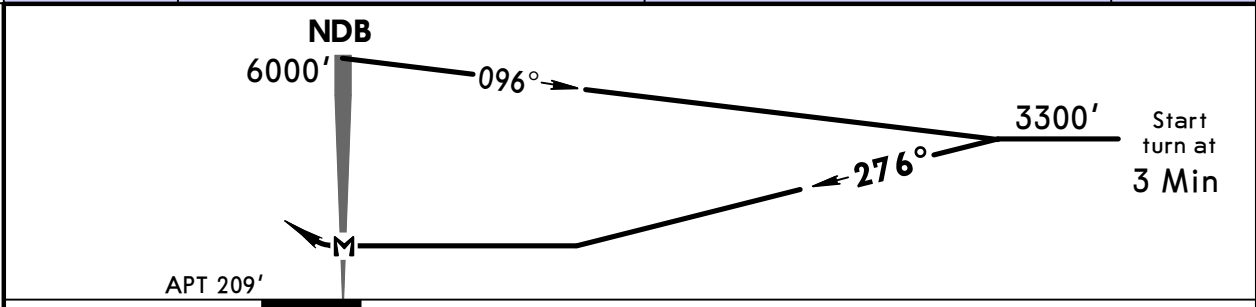
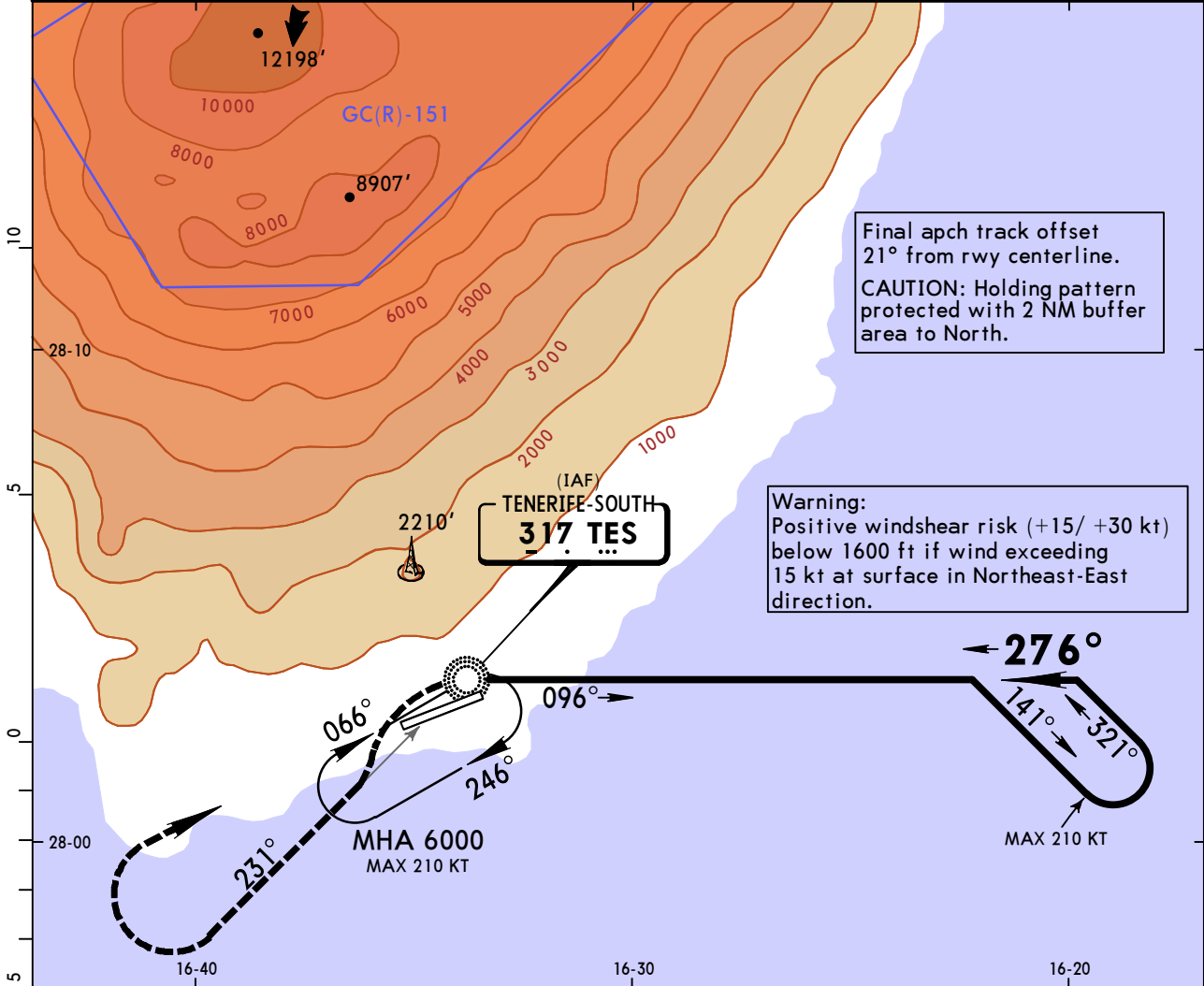
GCTS/TFS
REINA SOFIA

6 MAR 15

(16-2)

JEPPESSEN TENERIFE-SOUTH, CANARY IS
NDB

BRIEFING STRIP™	D-ATIS 118.675		TENERIFE-SOUTH Approach (R) 127.7		TENERIFE-SOUTH Tower 119.0		Ground 121.9			
	NDB TES 317		Final Apch Crs 276°		Minimum Alt No FAF		MDA(H) Refer to Minimums			Apt Elev 209'
	MISSED APCH: Turn LEFT (MAX 185 KT) to intercept and follow 231° from NDB climbing to 6000', then turn RIGHT to NDB and join holding.									
	Alt Set: hPa		Apt Elev: 8 hPa		Trans level: By ATC		Trans alt: 6000'			MSA TES NDB



						Lighting - Refer to Airport Chart	185 KT MAX LT	TES onto 317 231°
MAP at NDB								

Standard		CIRCLE-TO-LAND	
		Not authorized North of rwy	
PANS OPS	Max Kts	MDA(H)	VIS
	A 100	1460' (1251')	1500m
	B 135	1780' (1571')	1600m
	C 180	1880' (1671')	2400m
	D 205	1880' (1671')	3600m

TENERIFE-SOUTH, (REINA SOFIA - GCTS)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport GCTS