

## List of pages in this Trip Kit

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Airport Information For GCTS

Terminal Charts For GCTS

Revision Letter For Cycle 11-2020

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: 5.0° 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: 0610 Z  
Sunset: 1958 Z

## Runway Information

Runway: 07  
Length x Width: 10499 ft x 148 ft  
Surface Type: asphalt  
TDZ-Elev: 188 ft  
Lighting: Edge, ALS, Centerline

Runway: 25  
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: 119.000  
Tenerife-South Tower: 120.300 Secondary  
Tenerife-South Ground: 121.900  
Tenerife-South Clearance Delivery: 121.750  
Tenerife-South Approach: 127.700  
Tenerife-South Approach: 128.125 Secondary

**GCTS/TFS**

REINA SOFIA

+ JEPPESEN

**TENERIFE-SOUTH, CANARY IS**

8 MAY 20

10-1P

.Eff.21.May.

**.AIRPORT.BRIEFING.**

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**1. GENERAL**

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**1.1. ATIS**

D-ATIS 118.675

**1.2. NOISE ABATEMENT PROCEDURES****1.2.1. RUN-UP TESTS**

Idle power engine tests may be authorized on the apron only on the following second line parking stands: E49 thru E70 and AG1 thru AG5.

First line idle and average power engine tests are not authorized.

Engine tests can be performed on apron and A-2 holding bay. Action depends on category of ACFT and engine speed requested.

Engine tests higher than idle regime are forbidden between 0000-0600LT.

Exceptions are allowed only, if it is essential for the ACFT of the departing flight and its estimated take-off time is scheduled between 0400-0600LT.

Clearance for engine testing must be requested to the operations center (CEOPS).

**1.3. STANDSTILL OF OPERATIONS IN THE MOVEMENT AREA PROCEDURE (PPOAM)****1.3.1. CRITERIA FOR APPLICATION AND CANCELLATION**

Standstill of operations in the movement area procedure is available when RVR is below 800m with the following phases:

Phase I: When visibility is equal to or more than 800m and less than 1000m, warning on operations.

Phase II: When visibility is less than 800m, standstill of operations.

Phase III: When visibility is equal to or more than 800m and trend towards improvement, resumption of operations.

**1.3.2. UNCERTAINTY ABOUT POSITION IN THE MANEUVERING AREA**

When in doubt about the position of the ACFT in relation to the maneuvering area:

- If a pilot recognizes that the ACFT is not on a RWY, he shall immediately stop the ACFT and notify this circumstance to ATC.
- If a pilot recognizes that the ACFT is on a RWY, he shall immediately notify this circumstance to ATC (including the last known position) and vacate the RWY as soon as possible, if it is possible to locate an appropriate TWY nearby, unless ATC indicates otherwise and then shall stop the ACFT.

**1.3.3. BREAKDOWN OF AN ACFT**

Notify the situation to ATC and await the arrival of assistance. In case the ACFT is on a RWY, if possible and unless ATC should indicate otherwise, a pilot shall vacate the RWY.

**1.3.4. LOSS OF VISUAL CONTACT BETWEEN MOVING ELEMENTS**

In the event of loss of visual contact with another ACFT or a vehicle with which own separation is maintained, ATC shall be informed immediately and the ACFT shall stop.

**1.3.5. COMMUNICATIONS FAILURE****Arriving ACFT**

If the ACFT has just landed, it shall maintain position while vacating the RWY and await the arrival of an assistance vehicle.

**Departing ACFT**

The ACFT shall continue by the assigned route and stop at the limit of ATC clearance, taking extreme caution, where it shall maintain position and await the arrival of an assistance vehicle.

If the ACFT already has an ATC taxiing clearance, it shall continue by the assigned route to the limit of that clearance, taking extreme caution, where it shall maintain its position and await the arrival of an assistance vehicle.

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**TENERIFE-SOUTH, CANARY IS**

REINA SOFIA

8 MAY 20

10-1P1

.Eff.21.May.

.AIRPORT.BRIEFING.

## 1. GENERAL

### 1.4. TAXI PROCEDURES

ACFT vacating RWY take precedence over those taxiing on TWY T.

### 1.5. PARKING INFORMATION

#### 1.5.1. GENERAL

Stands G2, G4, G6, J1 thru J8 and R5A equipped with visual docking guidance system.

On stands AG21, G2 thru G48, H37 thru H46, J1 thru J24, R19 thru R47, R5A and S41 push-back required.

Stands AG2, AG5, E49, J22 and R19 available for helicopter.

#### 1.5.2. USE OF APU

Use of APU is forbidden on stands G2, G4, G6, J1 thru J8 and R5A in the period between 2 minutes after blocks for ARR and 5 minutes before off-blocks for DEP.

APU may only be used when 400 Hz facilities and mobile units are not operative.

ACFT with inoperative APU must communicate it to CEOPS.

### 1.6. OTHER INFORMATION

RWY 07 right-hand circuit.

Birds.

## 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 25 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 to ATC RWY vacated.

#### 2.2.1. MINIMUM RWY OCCUPANCY TIME

To minimize the RWY occupancy time and the possibility of "go-around", pilots are reminded:

- Whenever the conditions of the RWY allow, they should use the following exit TWYs/Rapid Exit TWYs (RET), unless otherwise instructed by ATC.

Otherwise, they must notify ATC in the first communication with TWR.

ACFT CATEGORY DUE TO WAKE TURBULENCE	RWY 07 Dist THR - RET	RWY 25 Dist THR - RET
FOUR-ENGINED WITH WIDE BODY	B4 5906' /1800m	B3 6562' /2000m
HEAVY		
MEDIUM (JET)		

- To vacate the RWY rapidly and at the highest possible speed without prejudice to safety.
- To adjust the taxiing speed on the RWY after touchdown if they are sure they will not be able to use the planned exit TWY/RET, avoiding low speeds on the RWY.
- To vacate the RWY completely before stopping. Should they not be able to contact GMC, after leaving the RWY free, they should hold position until they establish that communication.

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+ JEPPESEN

8 MAY 20

10-1P2

TENERIFE-SOUTH, CANARY IS

.Eff.21.May.

.AIRPORT.BRIEFING.

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## 2. ARRIVAL

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### 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 07

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 07 or on RWY, being positive and more frequent in the summer. The surface wind intensities must be around 15 KT and NE-E direction, for the effect to appear (positive wind shear of 15 to 35 KT). On APCH to RWY 07, 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 (headwind) and with intensities of at least 10 KT when wind shear encountered, around 1000-500' AGL.

This wind shear effect is most obvious in trade wind (NE-E) situations with incoming air from Sahara, when there may also occur turbulence on final approach.

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

It is important to be aware of possible inversion warnings, 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 25.

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 25 below 1600', 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.

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TENERIFE-SOUTH, CANARY IS

REINA SOFIA

8 MAY 20

10-1P3

.Eff.21.May.

.AIRPORT.BRIEFING.

### 3. DEPARTURE

#### 3.1. START-UP AND TAXI PROCEDURES

##### 3.1.1. START-UP

Pilots shall request clearance to start-up from 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. At that moment, ATC clearance shall be issued.

##### 3.1.1.1. INTERCHANGE OF DATA WITH NMOC - ADVANCED ATC TOWER

If an ACFT has to abort taxiing due to technical reasons, the APT will send a C-DPI (Cancel Departure Planning Information message) to NMOC. As a result of that C-DPI, the flight plan will be suspended and the operator will be informed by a FLS message with the remark 'Suspended by departure APT'. The flight plan can be activated again by means of an updated EOBT with a DLA message.

##### 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 such a way as to nose to the THR in use, with the following exceptions:

- ATC indicates the opposite;
- Existing engine start-up limitations, that shall be previously communicated to ATC;
- From stands AG21, G20, J22 and R19, towed push-back shall be carried out nosing to THR 25;
- Incompatibility between simultaneous towed push-back in stands J8 and G35A.

Autonomous exits shall be carried out using the minimum start-up engine power and in such a way as when making the turn, the engine power shall not be higher than IDLE. ACFT shall always exit with nose to the THR in use, unless otherwise directed.

#### 3.2. RWY OPERATIONS

##### 3.2.1. MINIMUM OCCUPANCY TIME

- Pilots shall be ready for departure when they reach the RWY holding position.
- When they receive clearance to line up, pilots must be ready to taxi and line up on the RWY as soon as the preceding ACFT has started its take-off run or landing roll.
- Pilots who require additional separation (because of wake turbulence or some other reason), shall notify ATC as soon as possible, and always before entering the RWY.
- Pilots shall start the take-off run immediately after receiving clearance for take-off.
- Pilots who cannot comply with this requirement shall inform ATC as soon as possible and await instructions. If necessary, ATC may cancel the clearance and instruct the ACFT to vacate the RWY.

GCTS/TFS

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+ JEPPESEN

12 APR 19

10-1P4

TENERIFE-SOUTH, CANARY IS

.Eff.25.Apr.

.AIRPORT.BRIEFING.

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### 3. DEPARTURE

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#### 3.3. 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 maneuvering 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.

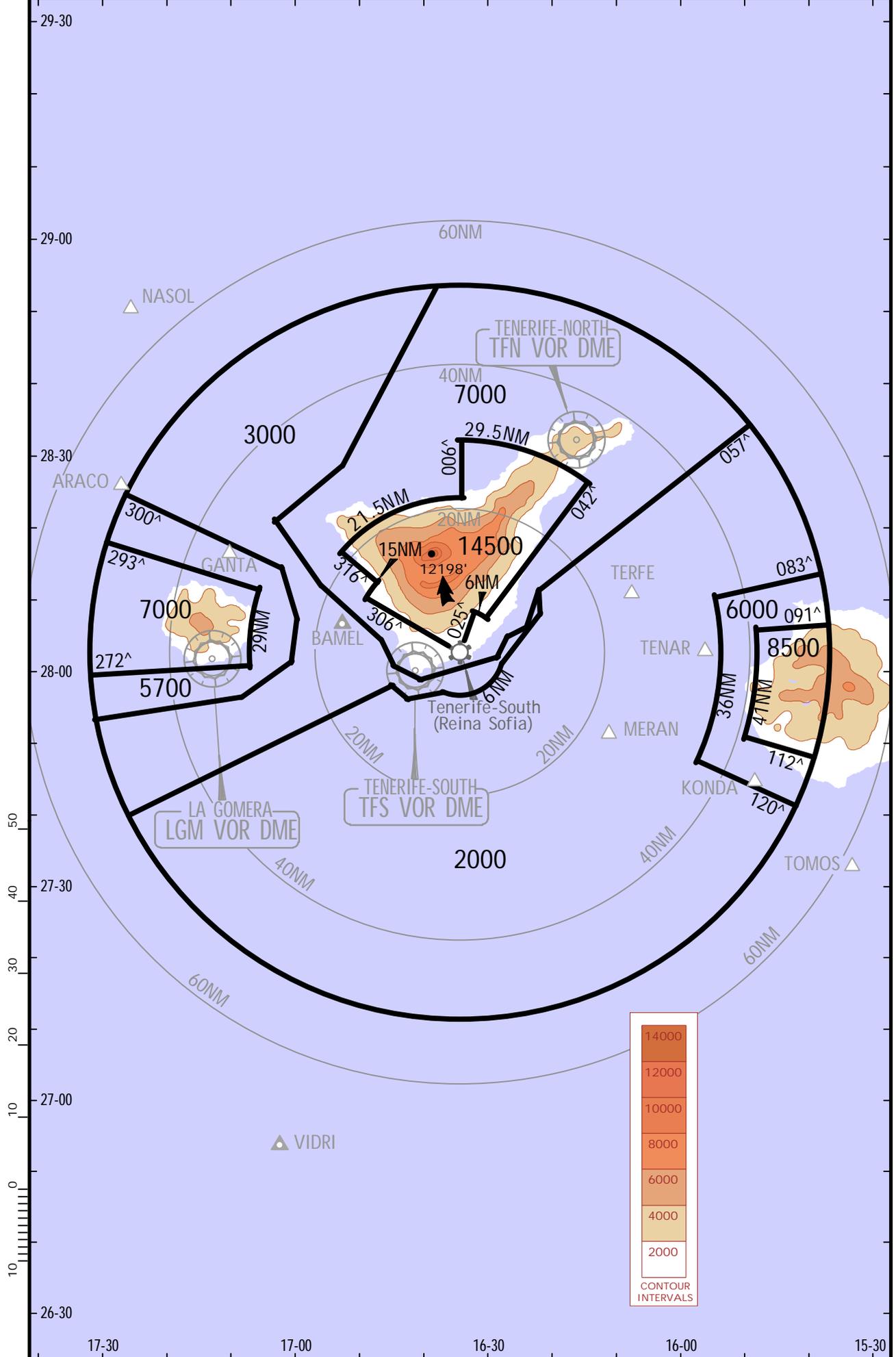
| ACFT taking off from RWY 07 shall maintain TFS R-074 up to TFS 10 DME before initiating any Right turn.

ACFT taking off from RWY 25 and overflying TFS VORDME must not turn Right before overflying this navigation facility.

GCTS/TFS  
REINA SOFIA

JEPPesen TENERIFE-SOUTH, CANARY IS  
23 DEC 16 (10-1R).Eff.5.Jan. .RADAR.MINIMUM.ALTITUDES.

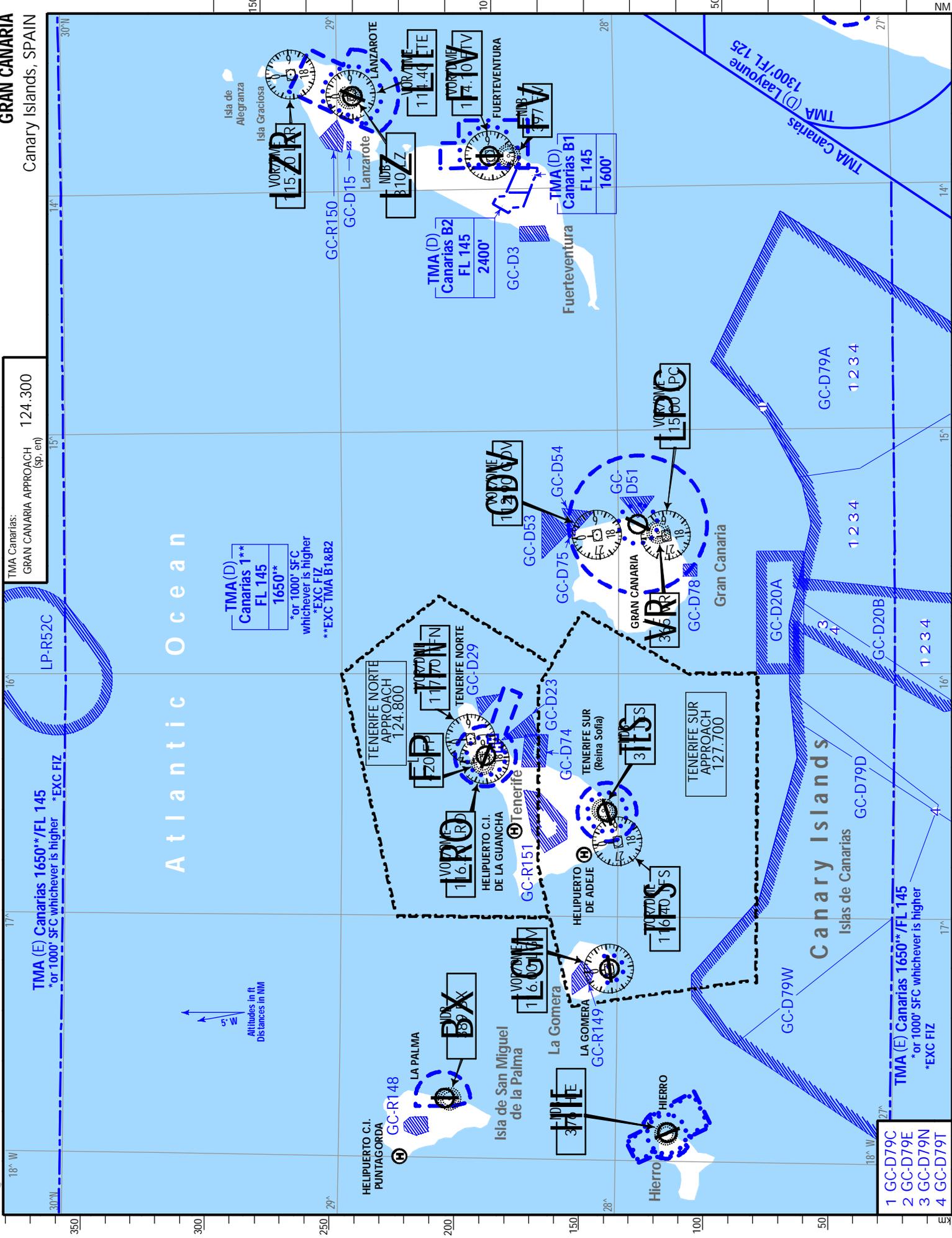
Apt Elev 209'  
Alt Set: hPa Trans level: By ATC Trans alt: 6000'  
The published minimum altitudes integrate no correction for low temperature.



CHANGES: Sectors revised.

AREA  
GRAN CANARIA  
Canary Islands, SPAIN

(10-1V)



TMA Canarias:  
GRAN CANARIA APPROACH (sp. en)  
124.300

TMA (E) Canarias 1650\*\*/FL 145  
\*or 1000' SFC whichever is higher \*EXC FIZ

TMA (D) Canarias 1650\*\*/FL 145  
\*or 1000' SFC whichever is higher \*EXC FIZ  
\*\*EXC TMA B1&B2

Altitudes in ft  
Distances in MM

- 1 GC-D79C
- 2 GC-D79E
- 3 GC-D79N
- 4 GC-D79T

**GCTS/TFS**  
REINA SOFIA

**JEPPESEN**  
5 APR 19 **10-2**

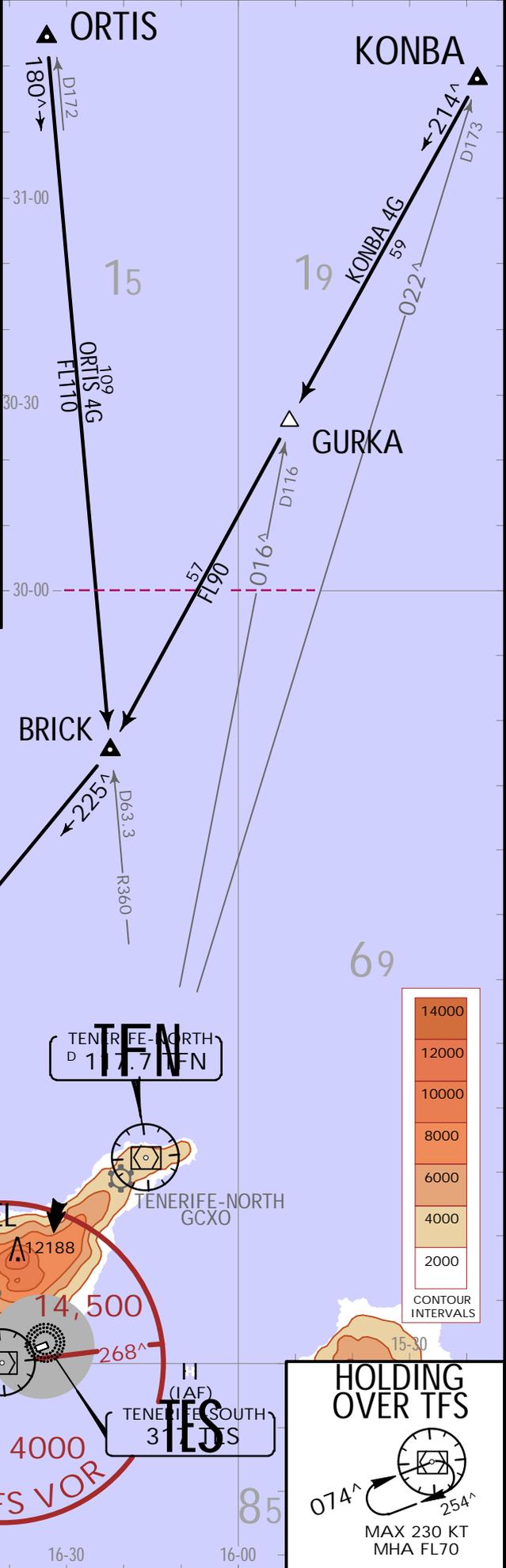
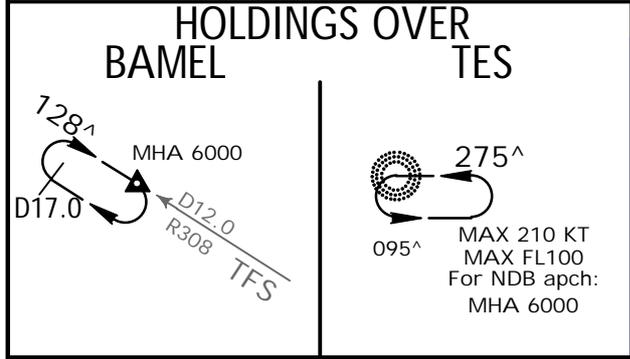
**TENERIFE-SOUTH, CANARY IS**  
.STAR.

D-ATIS 118.675	Apt Elev 209	Alt Set: hPa Trans level: By ATC
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**HIERRO 2G (HIE 2G) [HIE2G]**  
**KONBA 4G [KONB4G]**  
**ORTIS 4G [ORTI4G]**  
**RWY 07 ARRIVALS**

**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

**----- SPEED REDUCTION AREA**



# GCTS/TFS

REINA SOFIA

5 APR 19 (10-2A)

# TENERIFE-SOUTH, CANARY IS

.STAR.

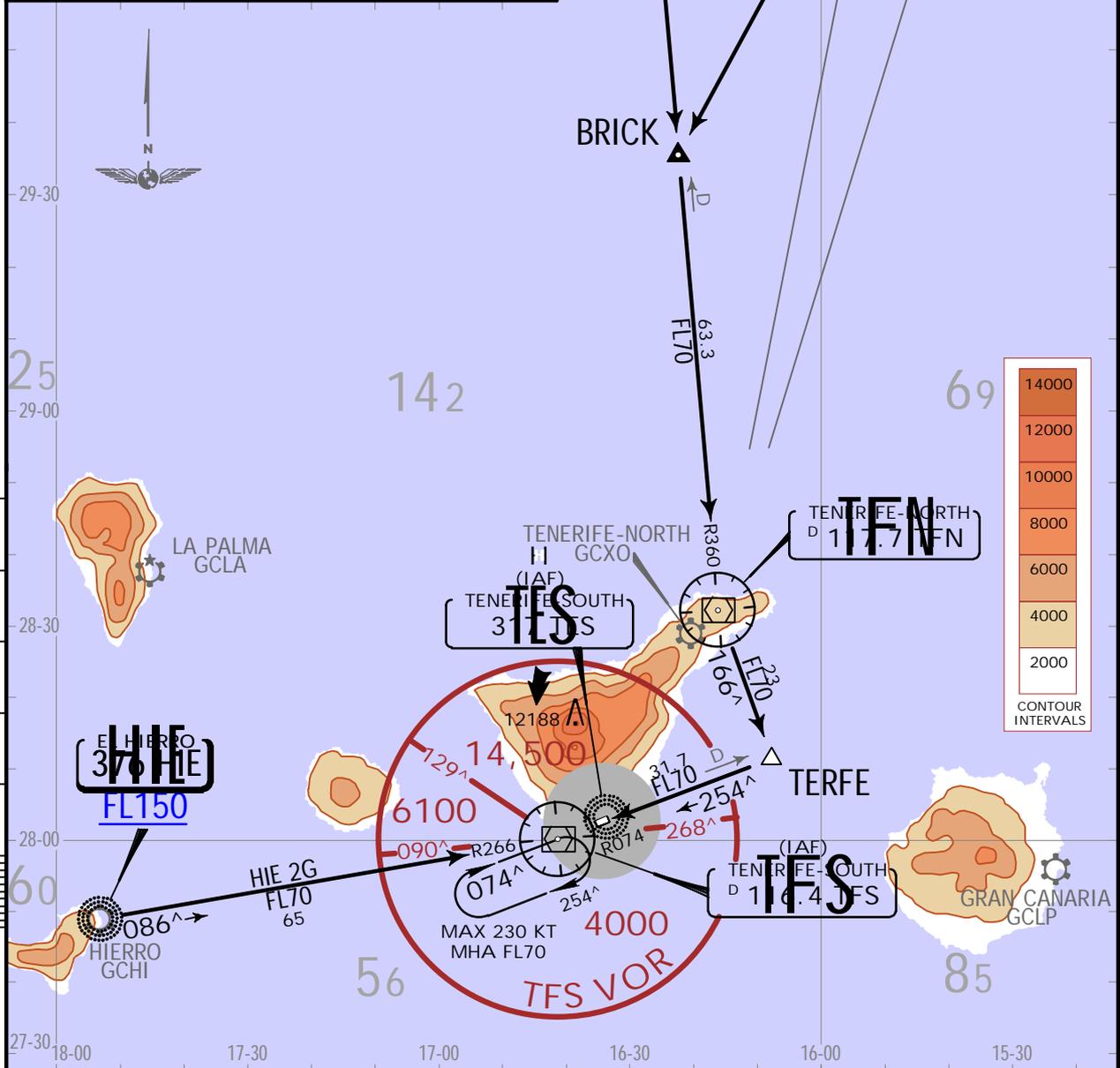
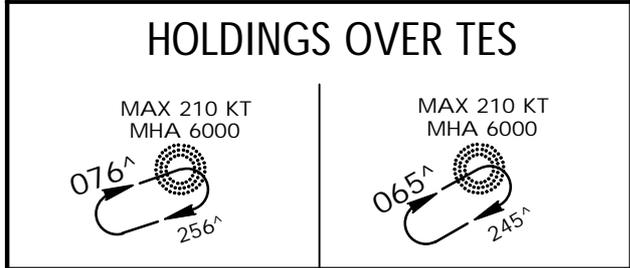
D-ATIS 118.675	Apt Elev 209	Alt Set: hPa Trans level: By ATC
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HIERRO 2G (HIE 2G) [HIE2G]  
 KONBA 5H [KONB5H]  
 ORTIS 5H [ORTI5H]  
 BY ATC

RWY 25 ARRIVALS

**.SPEED: MAX 250 KT AT OR BELOW FL100  
 WITHIN SPEED REDUCTION AREA  
 EXCEPT FOR MILITARY ACFT OR  
 IF DANGER AREAS ARE ACTIVE**

---- SPEED REDUCTION AREA





**JEPPESEN** TENERIFE-SOUTH, CANARY IS  
 22 MAR 19 (10-2C) Eff. 28 Mar. .STAR.

**GCTS/TFS**  
 REINA SOFIA

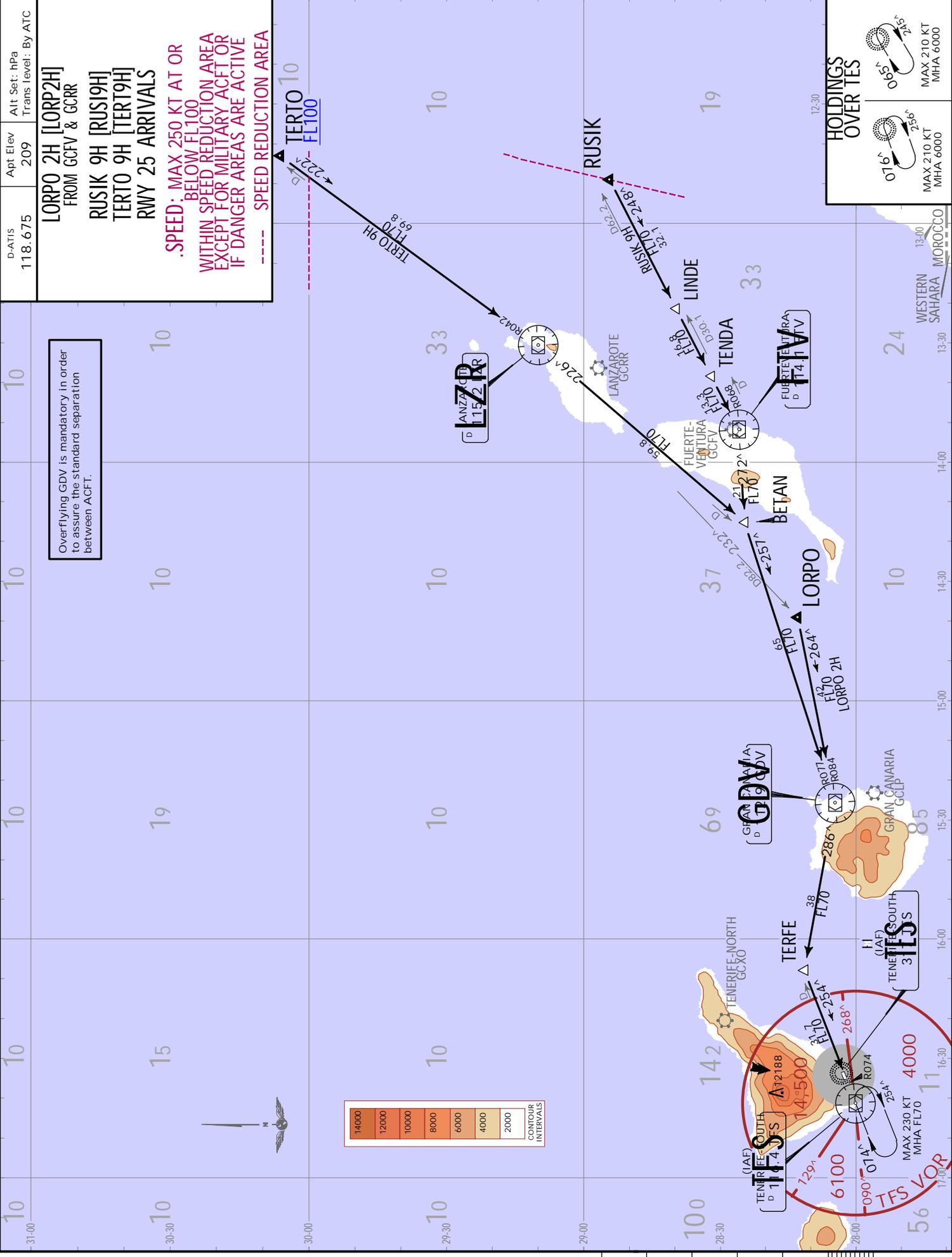
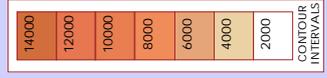
D-ATIS 118.675  
 Apt Elev 209  
 Trans level: By ATC

**LORPO 2H [LORP2H]**  
 FROM GCFV & GCRR

**RUSIK 9H [RUSI9H]**  
**TERTO 9H [TERT9H]**  
**RWY 25 ARRIVALS**

**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**  
 ----- **SPEED REDUCTION AREA**

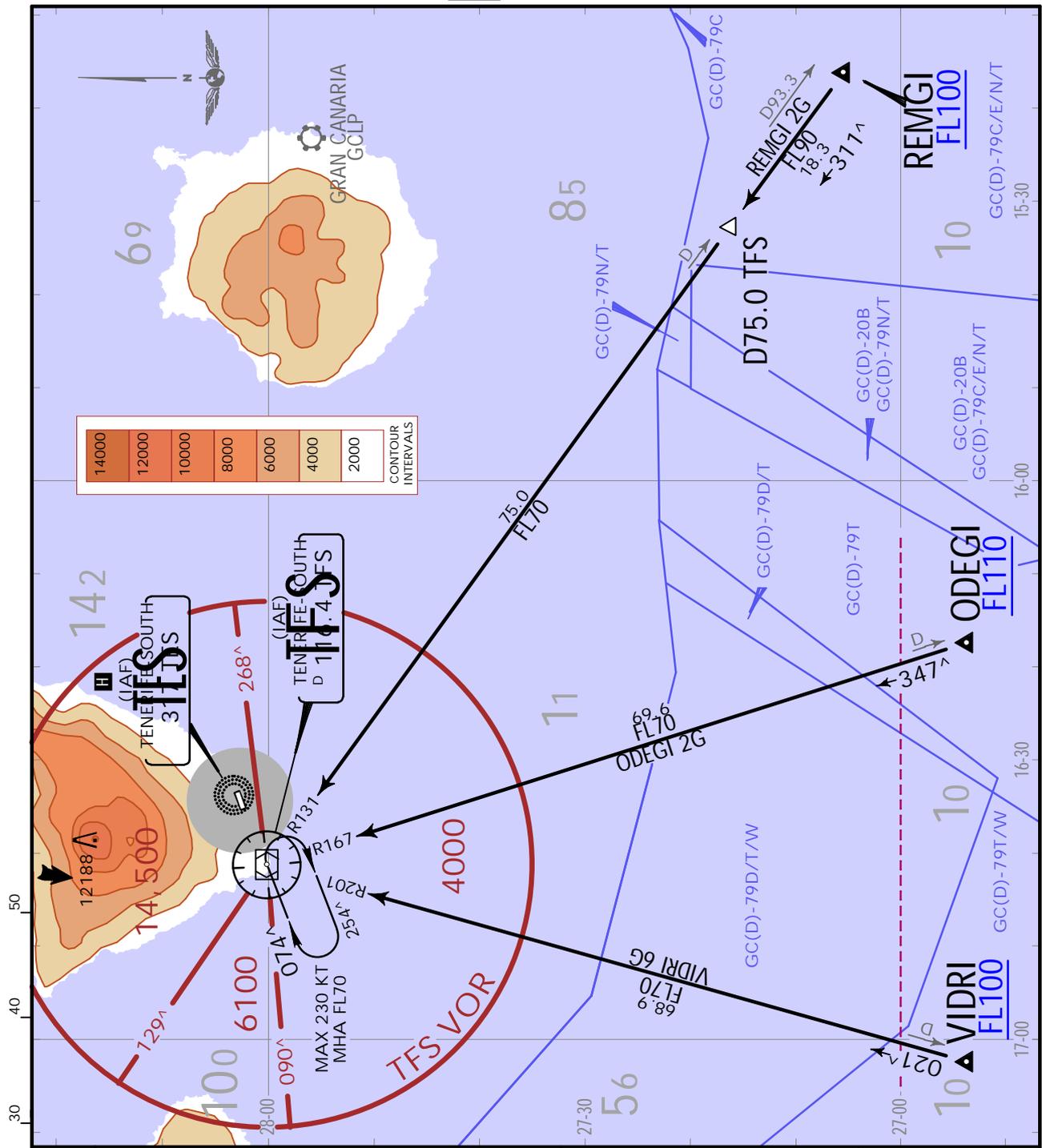
Overflying GDV is mandatory in order to assure the standard separation between ACFT.



GCTS/TFS  
REINA SOFIA

JEPPESSEN TENERIFE-SOUTH, CANARY IS  
22 MAR 19 (10-2D) .Eff.28.Mar.

.STAR.



D-ATIS 118.675	Apt Elev 209	Alt Set: hPa Trans level: By ATC
<p><b>ODEGI 2G [ODEG2G]</b>  <b>VIDRI 6G [VIDR6G]</b>                  SUBJECT TO GC(D)-79D/T/W ACTIVITY</p> <p><b>REMGI 2G [REMG2G]</b>                  SUBJECT TO GC(D)-20B &amp;                  GC(D)-79C/E/N/T ACTIVITY</p> <p><b>RWYS 07, 25 ARRIVALS</b>                  .SPEED: MAX 250 KT AT OR                  BELOW FL100                  WITHIN SPEED REDUCTION AREA                  EXCEPT FOR MILITARY ACFT OR                  IF DANGER AREAS ARE ACTIVE                  ----- SPEED REDUCTION AREA</p>		
<p><b>HOLDINGS OVER TFS</b></p> <p>RWY 07                  095°                  MAX 210 KT                  MHA FL100                  For NDB apch:                  MHA 6000</p> <p>RWY 25                  016°                  MAX 210 KT                  MHA 6000</p> <p>065°                  MAX 210 KT                  MHA 6000</p>		

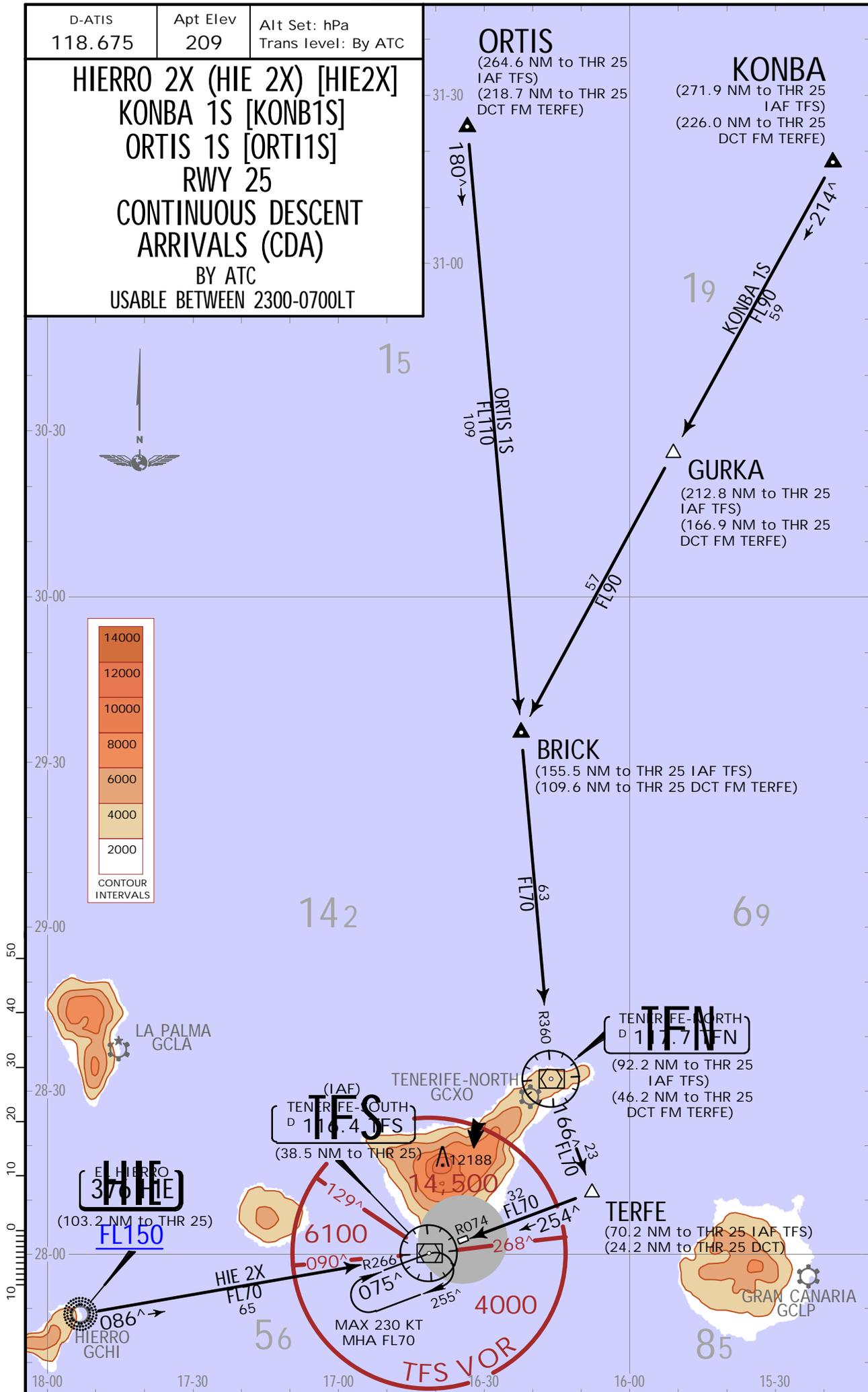


**GCTS/TFS**  
REINA SOFIA

**JEPPESEN** TENERIFE-SOUTH, CANARY IS  
22 MAR 19 (10-2F) .Eff.28.Mar.

**.STAR.**

D-ATIS 118.675	Apt Elev 209	Alt Set: hPa Trans level: By ATC
<b>HIERRO 2X (HIE 2X) [HIE2X]</b> <b>KONBA 1S [KONB1S]</b> <b>ORTIS 1S [ORTI1S]</b> <b>RWY 25</b> <b>CONTINUOUS DESCENT</b> <b>ARRIVALS (CDA)</b> BY ATC USABLE BETWEEN 2300-0700LT		



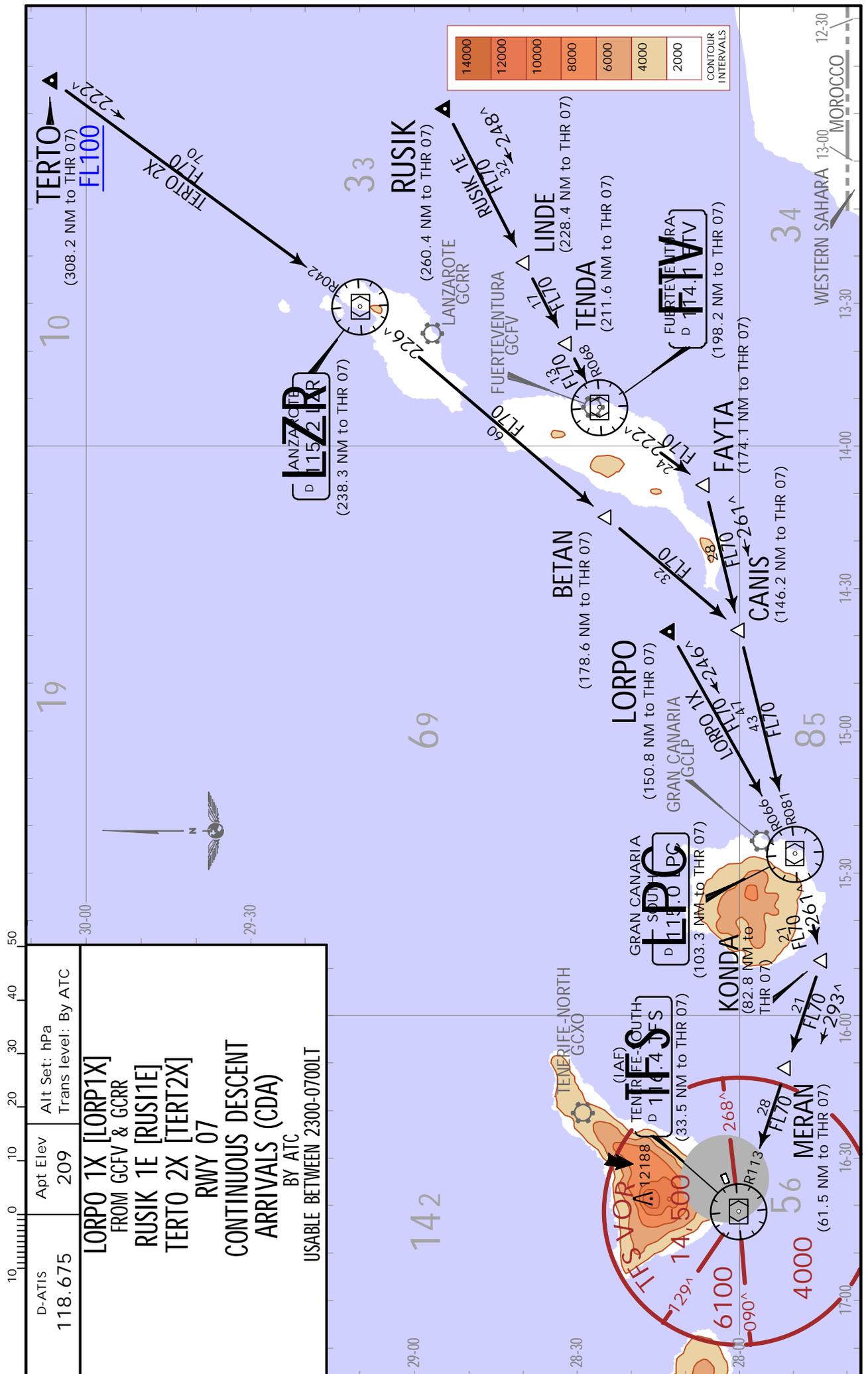
GCTS/TFS  
REINA SOFIA



TENERIFE-SOUTH, CANARY IS

22 MAR 19 (10-2G) .Eff.28.Mar.

.STAR.



D-ATIS  
118.675

Apt Elev  
209

Alt Set: hPa  
Trans level: By ATC

LORPO 1X [LORP1X]  
FROM GCFV & GCRR

RUSIK 1E [RUSI1E]

TERT0 2X [TERT2X]  
RWY 07

CONTINUOUS DESCENT  
ARRIVALS (CDA)  
BY ATC  
USABLE BETWEEN 2300-0700LT





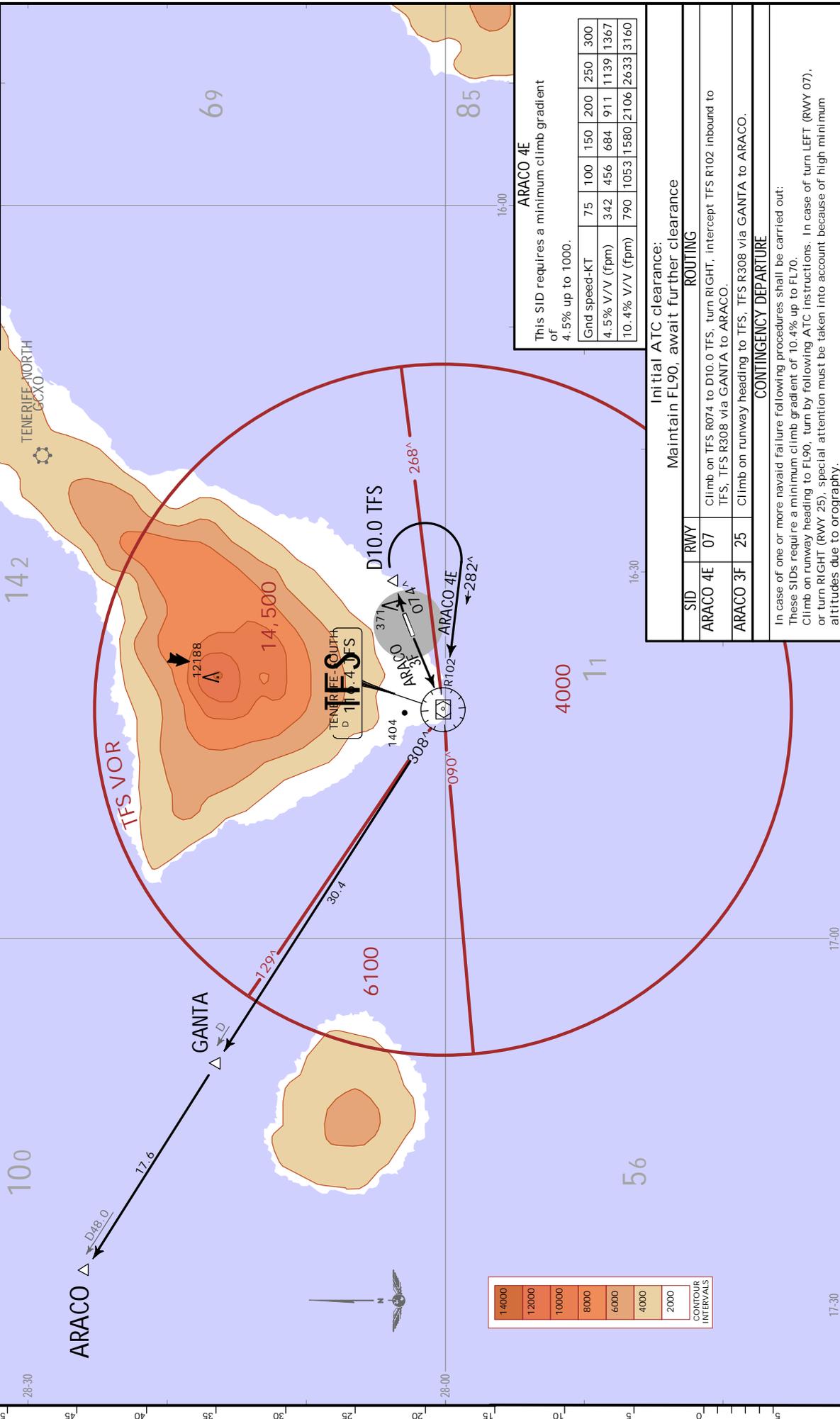
TENERIFE-SOUTH, CANARY IS  
SID.

Apt Elev  
209

Trans alt: 6000  
EXPECT close-in obstacles.

**ARACO 4E [ARAC4E]  
ARACO 3F [ARAC3F]  
DEPARTURES**

**.SPEED: MAX 250 KT AT OR  
BELOW FL100  
WITHIN SPEED REDUCTION AREA  
EXCEPT FOR MILITARY ACFT OR  
IF DANGER AREAS ARE ACTIVE**



**ARACO 4E**

This SID requires a 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	07	Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R102 inbound to TFS, TFS R308 via GANTA to ARACO.
ARACO 3F	25	Climb on runway heading to TFS, TFS R308 via GANTA to ARACO.

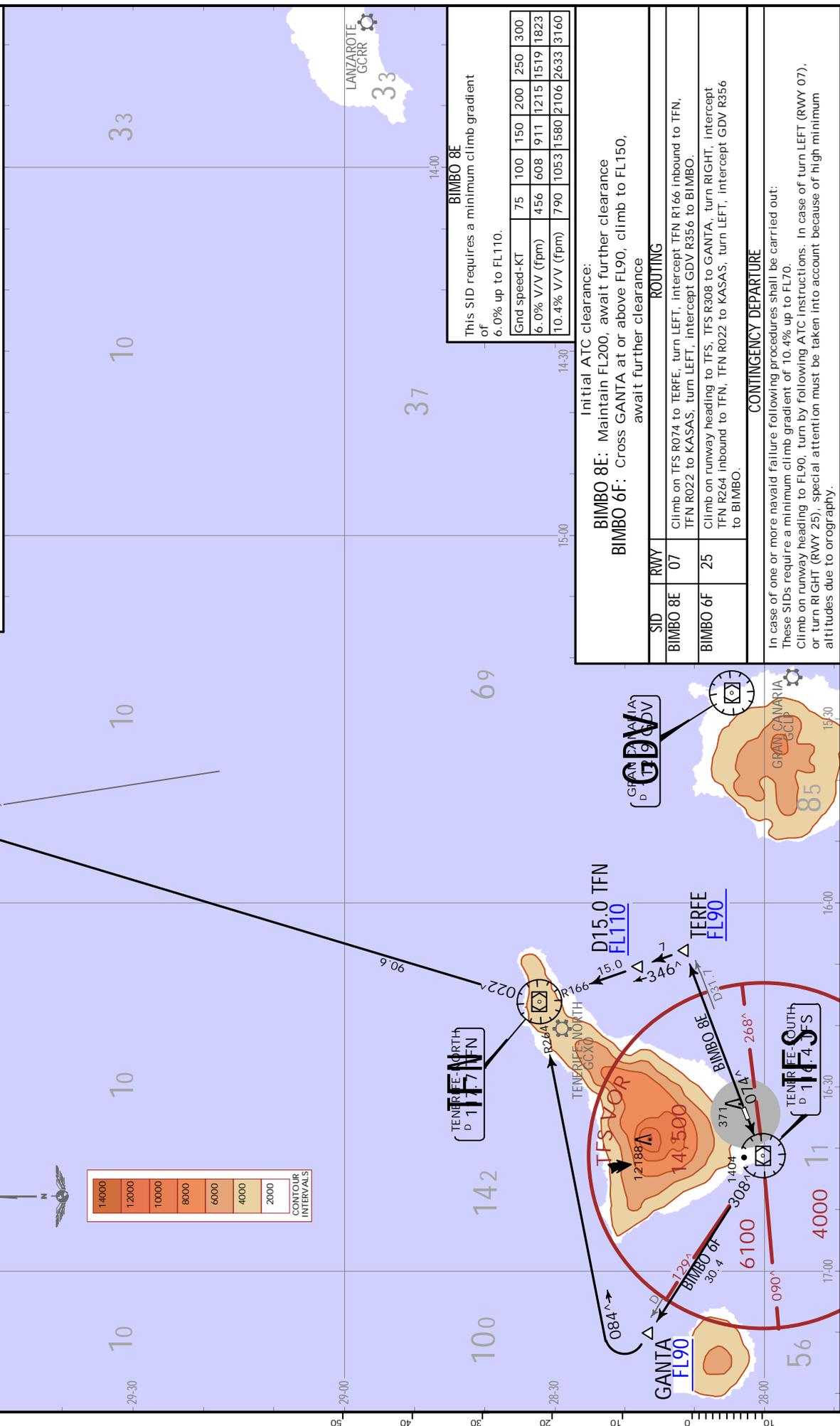
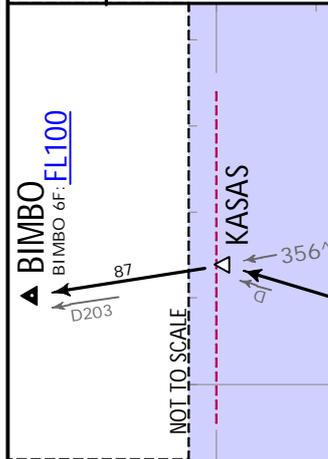
**CONTINGENCY DEPARTURE**

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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

**JEPPESEN**  
 22 MAR 19 (10-3A) .Eff. 28. Mar.  
**GCTS/TFS**  
 REINA SOFIA

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 8E [BIMB8E], BIMBO 6F [BIMB6F] DEPARTURES**  
**SPEED: MAX 250 KT AT OR BELOW FL100 WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**  
 ----- SPEED REDUCTION AREA



**BIMBO 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:  
**BIMBO 8E:** Maintain FL200, await further clearance  
**BIMBO 6F:** Cross GANTA at or above FL90, climb to FL150, await further clearance

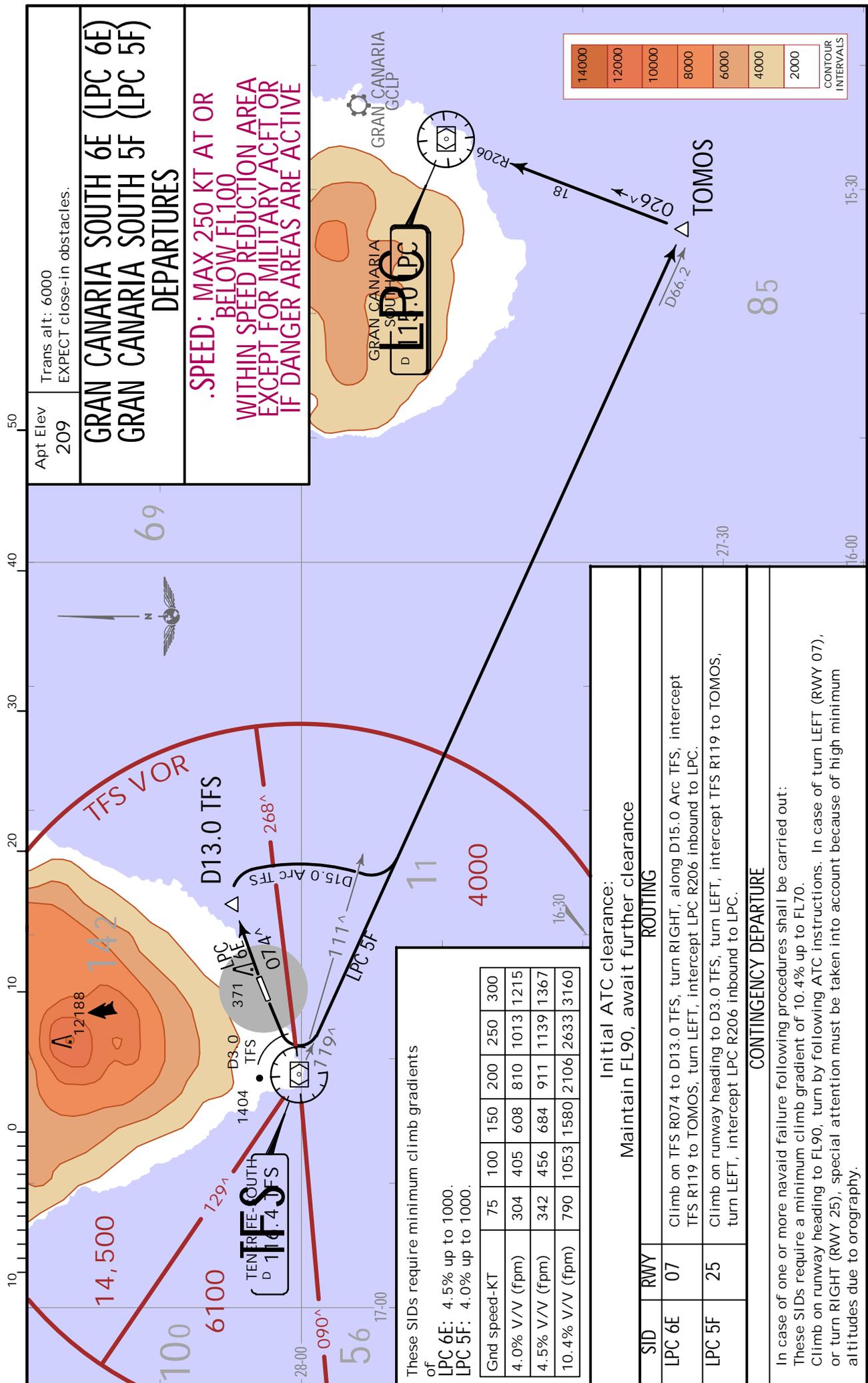
SID	RWY	ROUTING
BIMBO 8E	07	Climb on TFS R074 to TERFE, turn LEFT, intercept TFN R166 inbound to TFN, TFN R022 to KASAS, turn LEFT, intercept GDV R356 to BIMBO.
BIMBO 6F	25	Climb on runway heading to TFS, TFS R308 to GANTA, turn RIGHT, intercept TFN R264 inbound to TFN, TFN R022 to KASAS, turn LEFT, intercept GDV R356 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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

GCTS/TFS  
REINA SOFIA

JEPPESEN TENERIFE-SOUTH, CANARY IS  
5 JUL 19 (10-3B) .Eff.18.Jul.

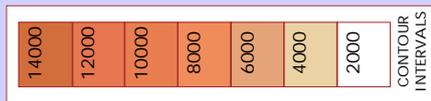
.SID.



Apt Elev 209  
Trans alt: 6000  
EXPECT close-in obstacles.

**GRAN CANARIA SOUTH 6E (LPC 6E)**  
**GRAN CANARIA SOUTH 5F (LPC 5F)**  
**DEPARTURES**

**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**



These SIDs require minimum climb gradients of

LPC 6E: 4.5% up to 1000.	LPC 5F: 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

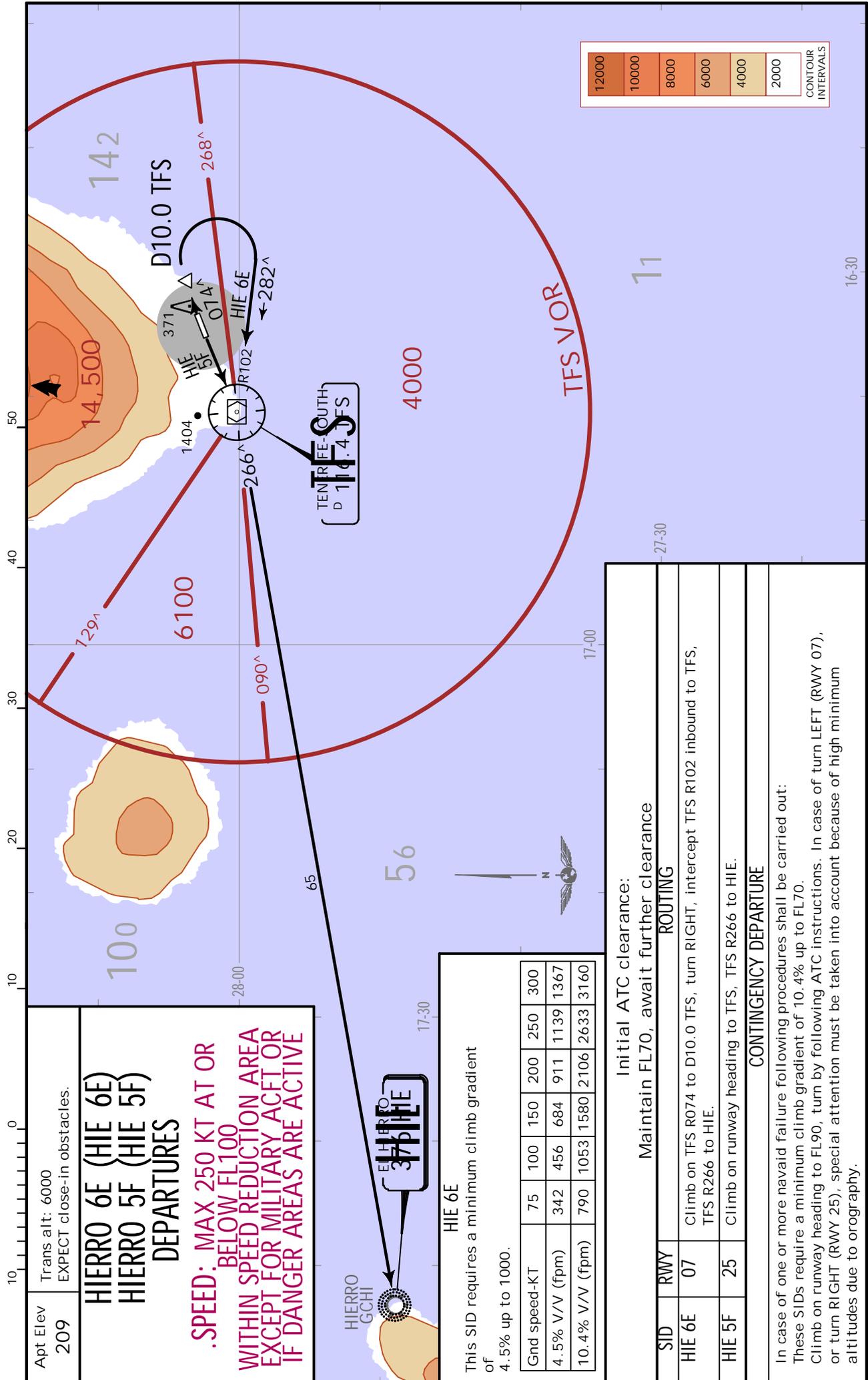
Initial ATC clearance: Maintain FL90, await further clearance	
ROUTING	
SID	RWY
LPC 6E	07
LPC 5F	25
CONTINGENCY DEPARTURE	

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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

GCTS/TFS  
REINA SOFIA

JEPPESEN TENERIFE-SOUTH, CANARY IS  
5 JUL 19 (10-3C) .Eff.18.Jul.

.SID.



Apt Elev  
209  
Trans alt: 6000  
EXPECT close-in obstacles.

**HIERRO 6E (HIE 6E)**  
**HIERRO 5F (HIE 5F)**  
**DEPARTURES**

**.SPEED: MAX 250 KT AT OR BELOW FL100 WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

HIERRO GCHI

HIERRO 371 HIE

HIE 6E

This SID requires a 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 FL70, await further clearance	
ROUTING	
SID	RWY
HIE 6E	07
Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R102 inbound to TFS, TFS R266 to HIE.	
HIE 5F	25
Climb on runway heading to TFS, TFS R266 to HIE.	
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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.	

TENERIFE-SOUTH, CANARY IS

..SID.

JEPPesen  
8 FEB 19 (10-3D)

GCTS/TFS  
REINA SOFIA

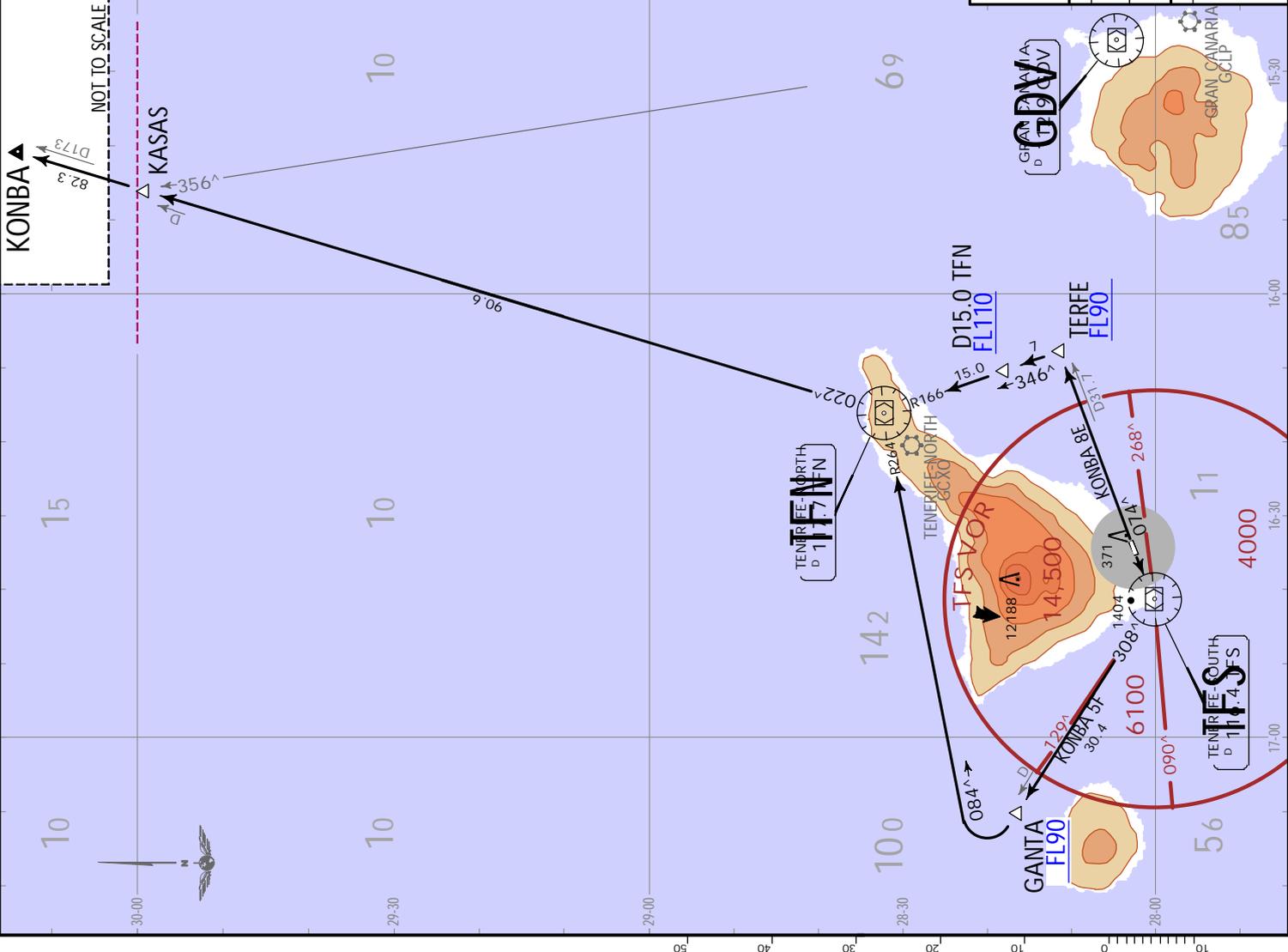
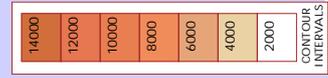
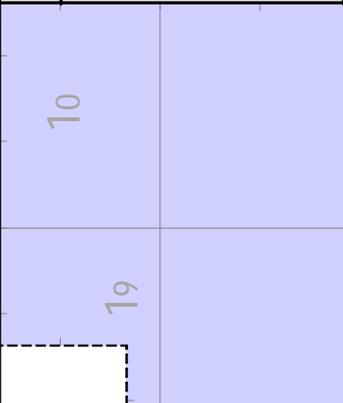
Apt Elev  
209

Trans alt: 6000  
EXPECT close-in obstacles.

**KONBA 8E [KONB8E]**  
**KONBA 5F [KONB5F]**  
**DEPARTURES**

**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

**----- SPEED REDUCTION AREA**



**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	07	Climb on TFS R074 to TERFE, turn LEFT, intercept TFN R166 inbound to TFN, TFN R022 via KASAS to KONBA.
KONBA 5F	25	Climb on runway heading to TFS, TFS R308 to GANTA, turn RIGHT, intercept TFN R264 inbound to TFN, TFN R022 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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

TENERIFE-SOUTH, CANARY IS  
SID.

JEPPESEN  
8 FEB 19 10-3E

GCTS/TFS  
REINA SOFIA

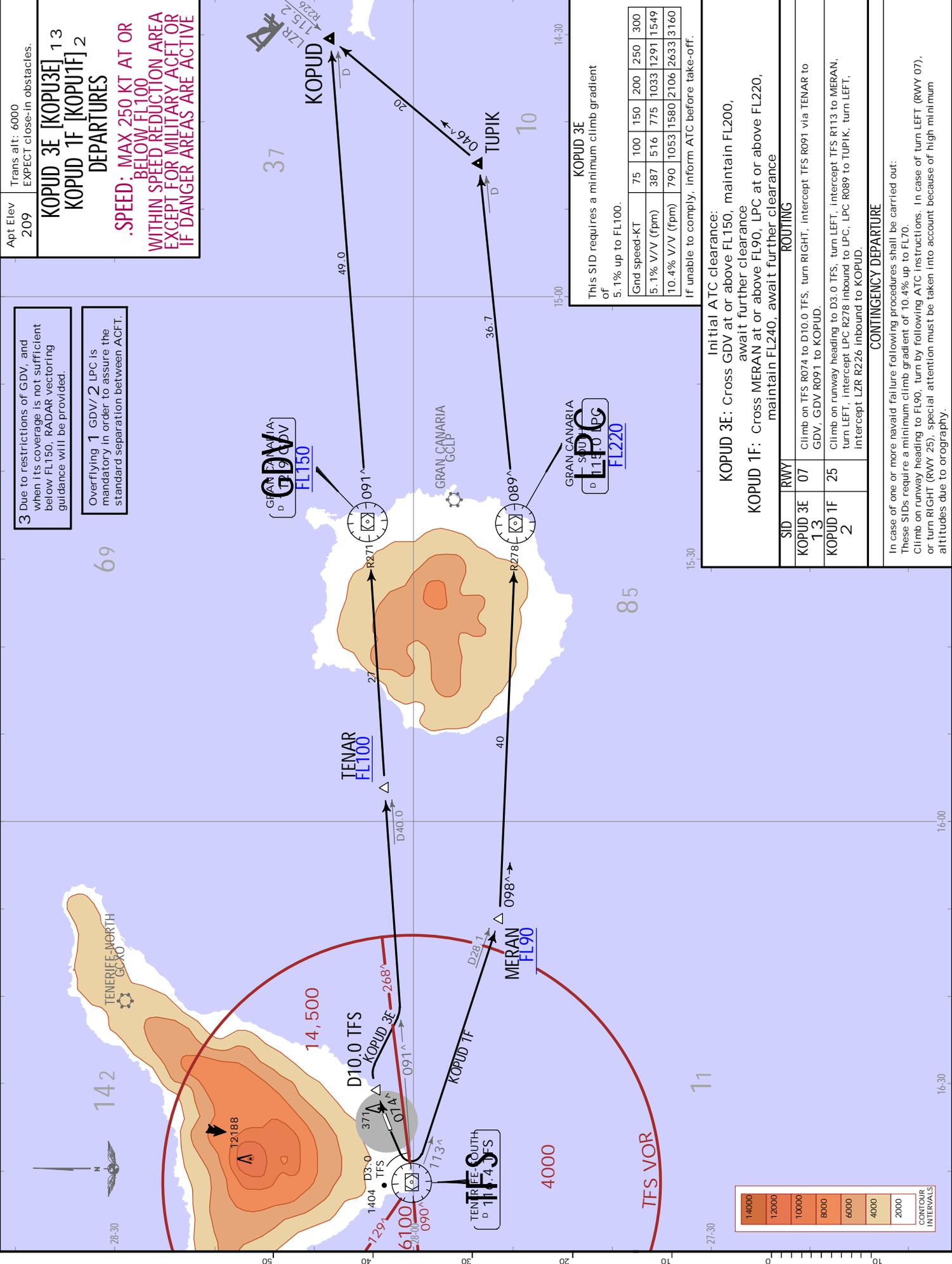
Apt Elev 209  
Trans alt: 6000  
EXPECT close-in obstacles.

**KOPUD 3E [KOPU3E] 13**  
**KOPUD 1F [KOPU1F] 2**  
**DEPARTURES**

**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

3 Due to restrictions of GDV, and when its coverage is not sufficient below FL150, RADAR vectoring guidance will be provided.

Overflying 1 GDV/2 LPC is mandatory in order to assure the standard separation between ACFT.



**KOPUD 3E**

This SID requires a minimum climb gradient of 5.1% up to FL100.

Grnd speed-KT	75	100	150	200	250	300
5.1% V/V (fpm)	387	516	775	1033	1291	1549
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

If unable to comply, inform ATC before take-off.

**Initial ATC clearance:**

**KOPUD 3E:** Cross GDV at or above FL150, maintain FL200, await further clearance

**KOPUD 1F:** Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

SID	RWY	ROUTING
KOPUD 3E	07	Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R091 via TENER to GDV, GDV R091 to KOPUD.
KOPUD 1F	25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R089 to TUPIK, turn LEFT, intercept LZR R226 inbound to KOPUD.

**CONTINGENCY DEPARTURE**

In case of one or more navigational 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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

**TENERIFE-SOUTH, CANARIAS**  
SID.

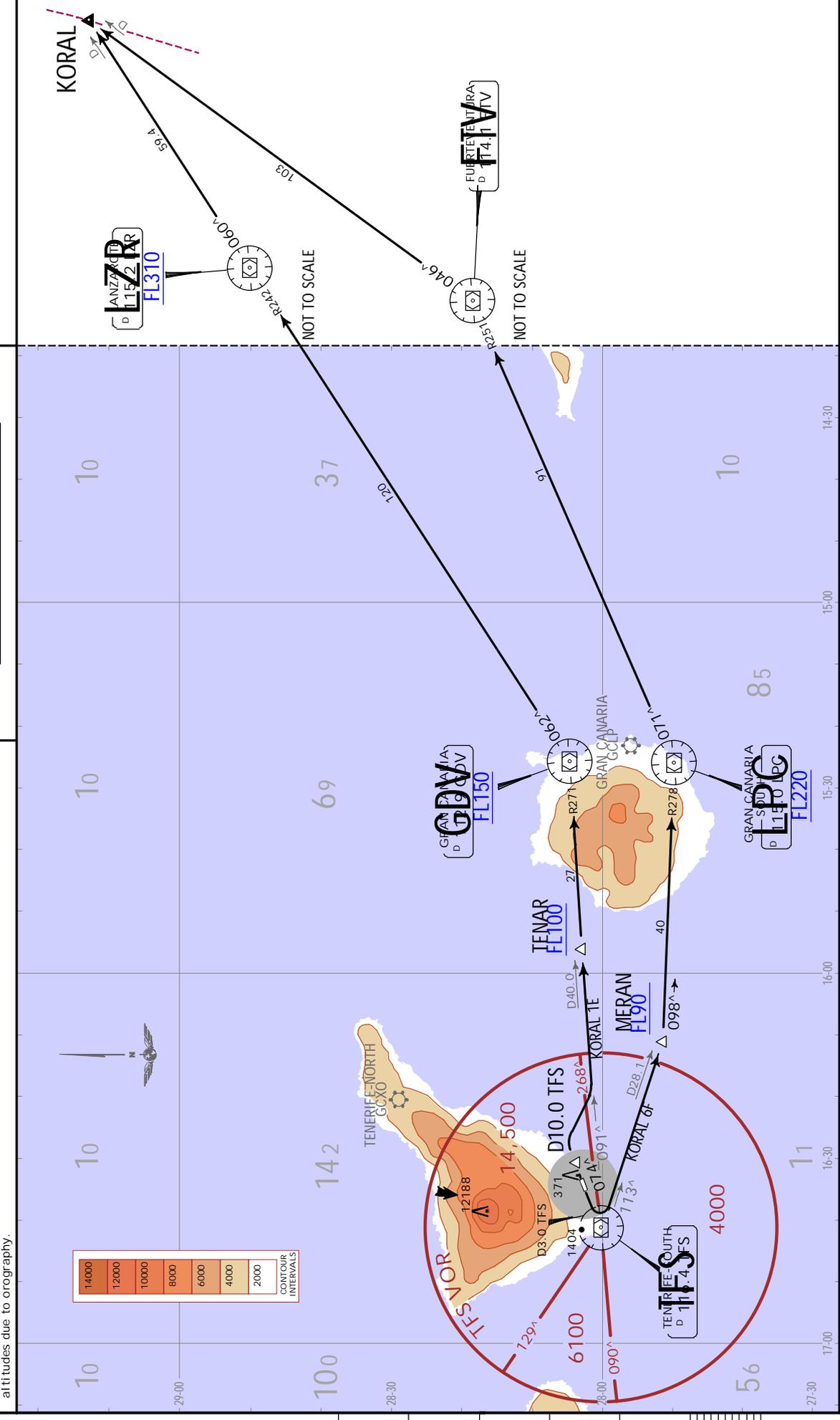
**GCTS/TFS**  
REINA SOFIA  
25 OCT 19  
10-3F  
Eff. 7 Nov.

**JEPPESEN**  
Initial ATC clearance:  
KORAL 1E: Cross GDV at or above FL150, maintain FL200, await further clearance  
KORAL 6F: Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

Apt Elev 209		Trans alt: 6000 EXPECT close-in obstacles.	
KORAL 1E [KORA1E] 1		KORAL 6F [KORA6F] 2	
<b>DEPARTURES</b>			
<b>SPEED: MAX 250 KT AT OR BELOW FL100 WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT</b>			
<b>----- SPEED REDUCTION AREA</b>			

KORAL 1E		This SID requires a minimum climb gradient of 5.1% up to FL100.	
Gnd speed-KT	75	100	150
5.1% V/V (fpm)	387	516	775
10.4% V/V (fpm)	790	1053	1580
	200	250	300
	1291	1549	2633
	3160		
If unable to comply, inform ATC before take-off.			

<b>ROUTING</b>	
KORAL 1E 07	Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R091 via TENAR to GDV, GDV R062 to LZR, LZR R060 to KORAL.
KORAL 6F 25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R071 to FTV, FTV R046 to KORAL.
<b>CONTINGENCY DEPARTURE</b>	
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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.	



GCTS/TFS  
REINA SOFIA

JEPPESEN  
25 OCT 19 (10-3G) .Eff.7.Nov.

TENERIFE-SOUTH, CANARY IS  
.SID.

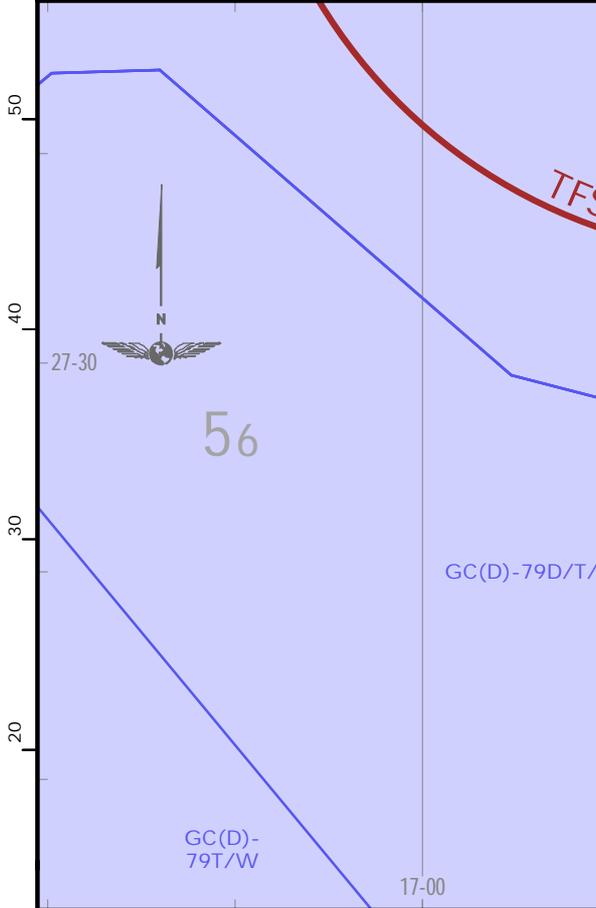
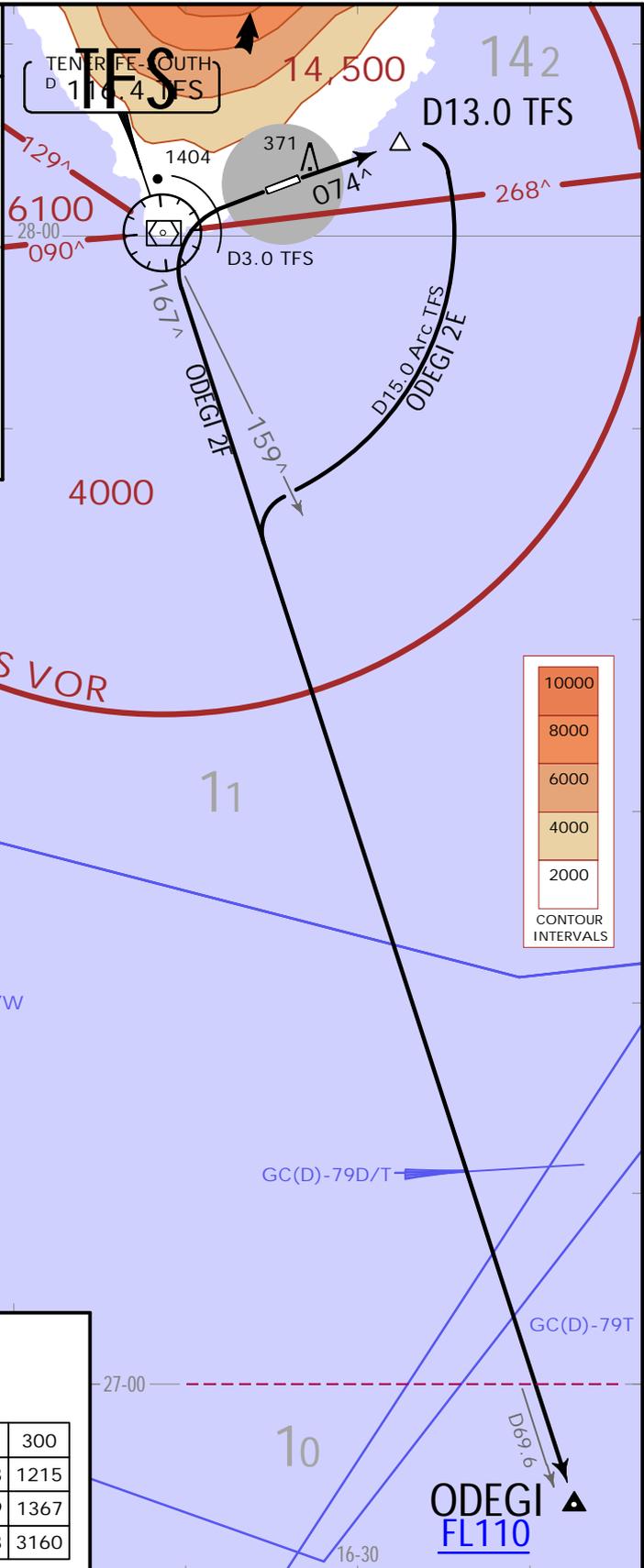
Apt Elev 209 Trans alt: 6000  
EXPECT close-in obstacles.

**ODEGI 2E [ODEG2E]  
ODEGI 2F [ODEG2F]  
DEPARTURES**

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

**.SPEED: MAX 250 KT AT OR BELOW FL100  
WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT**

---- SPEED REDUCTION AREA



These SIDs require minimum climb gradients of

ODEGI 2E: 4.5% up to 1000.  
ODEGI 2F: 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

SID	RWY	ROUTING
ODEGI 2E	07	Climb on TFS R074 to D13.0 TFS, turn RIGHT, along D15.0 Arc TFS, intercept TFS R167 to ODEGI.
ODEGI 2F	25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R167 to ODEGI.

**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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

GCTS/TFS  
REINA SOFIA



22 MAR 19

(10-3H)

.Eff.28.Mar.

TENERIFE-SOUTH, CANARY IS

.SID.

Trans alt: 6000  
EXPECT close-in obstacles.

**RASEP 3E [RASE3E] 1 RASEP 1F [RASE1F] 2**  
**DEPARTURES**

**SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA, EXCEPT**  
**FOR MILITARY ACFT OR**  
**IF DANGER AREAS ARE ACTIVE**

Initial ATC clearance:  
RASEP 3E: Cross GDV at or above FL150, maintain FL200, await further clearance  
RASEP 1F: Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

SID	RWY	ROUTING
RASEP 3E 1	07	Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R091 via TENAR to GDV, GDV R060 to RASEP.
RASEP 1F 2	25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R050 to RASEP.

**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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

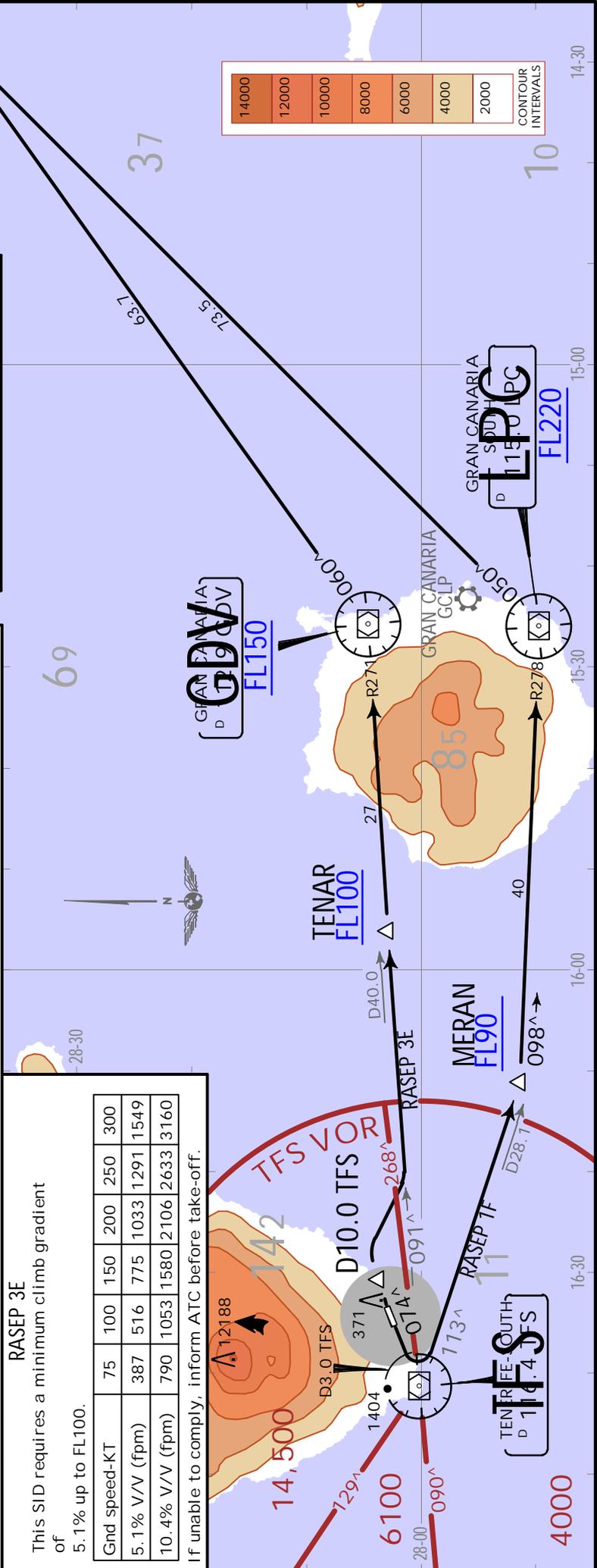
**RASEP 3E**

This SID requires a minimum climb gradient of 5.1% up to FL100.

Gnd speed-KT	75	100	150	200	250	300
5.1% V/V (fpm)	387	516	775	1033	1291	1549
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

If unable to comply, inform ATC before take-off.

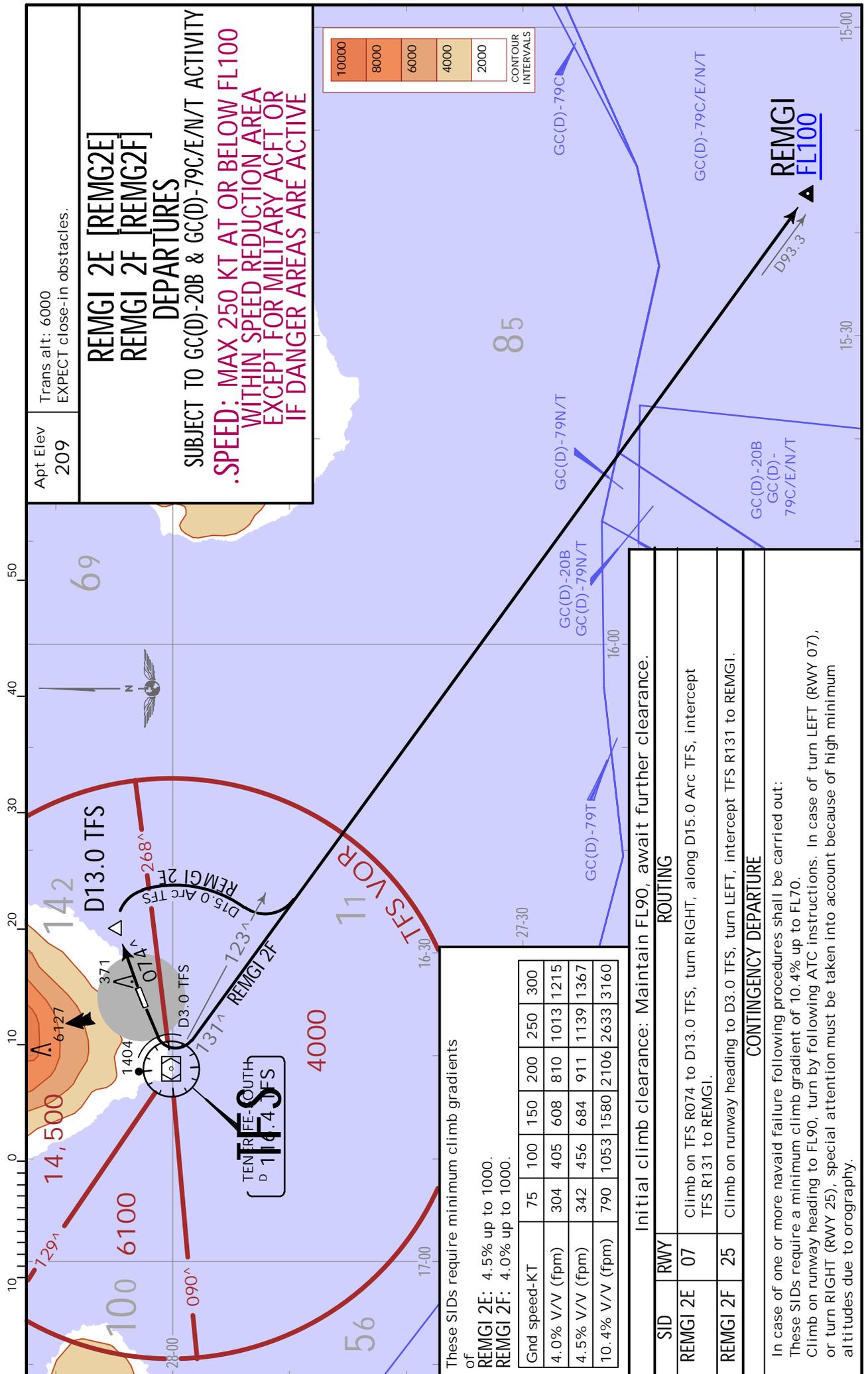
Overflying 1 GDV/ 2 LPC is mandatory in order to assure the standard separation between ACFT.



GCTS/TFS  
REINA SOFIA

JEPPESSEN TENERIFE-SOUTH, CANARY IS  
22 MAR 19 (10-3J) .Eff.28.Mar.

SID.



CHANGES: Crossing at REMGI established. SIDS renumbered.

CHANGES: None

GCTS/TFS  
REINA SOFIA  
JEPPESSEN  
27 SEP 19 (10-3K) Eff: 10 Oct.

Apt Elev 209 Trans alt: 6000  
EXPECT close-in obstacles.

**SAMAR 8E [SAMA8E], SAMAR 9F [SAMA9F] 1 DEPARTURES**

**SPEED: MAX 250 KT AT OR BELOW FL100 WITHIN SPEED REDUCTION AREA, EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

----- SPEED REDUCTION AREA

Initial ATC clearance:  
**SAMAR 8E:** Maintain FL200, await further clearance  
**SAMAR 9F:** Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

SID	RWY	ROUTING
SAMAR 8E	07	Climb on TFS R074 to TERFE, turn LEFT, intercept TFN R166 inbound to TFN, TFN R022 to KASAS, turn RIGHT, intercept 056° bearing from BX to SAMAR.
SAMAR 9F 1	25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R032 to LARYS, turn RIGHT, intercept GDV R039 to SARAY, turn LEFT, intercept FTV R354 to SAMAR.

**CONTINGENCY DEPARTURE**

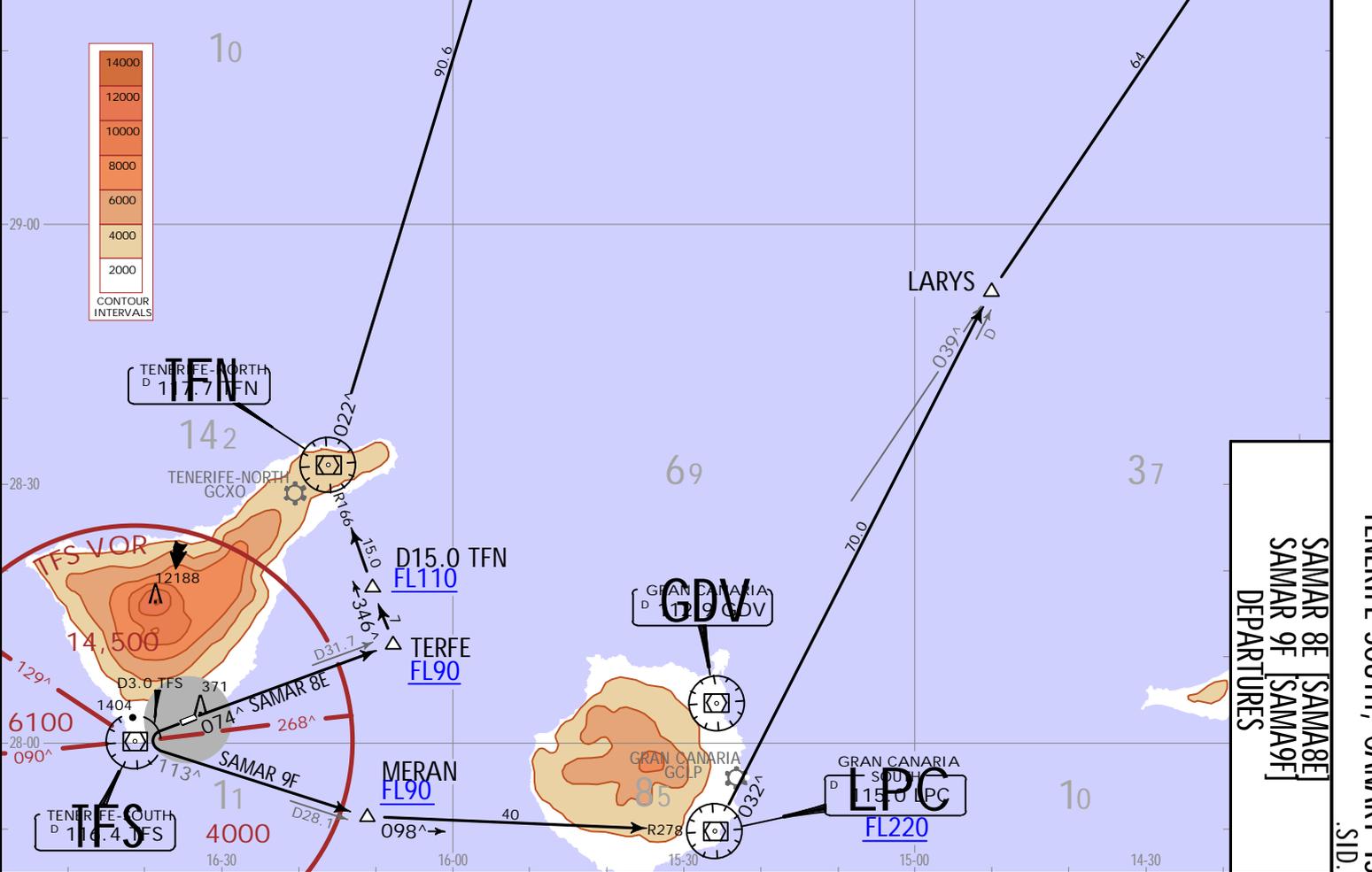
In case of one or more navaid failure following procedures shall be carried out:  
 These SIDs require a minimum climb gradient of 10.4% up to FL70.  
 Climb on runway heading to FL90, turn by following ATC instructions. In case of turn LEFT (RWY 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitude due to orography.

**SAMAR 8E**

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

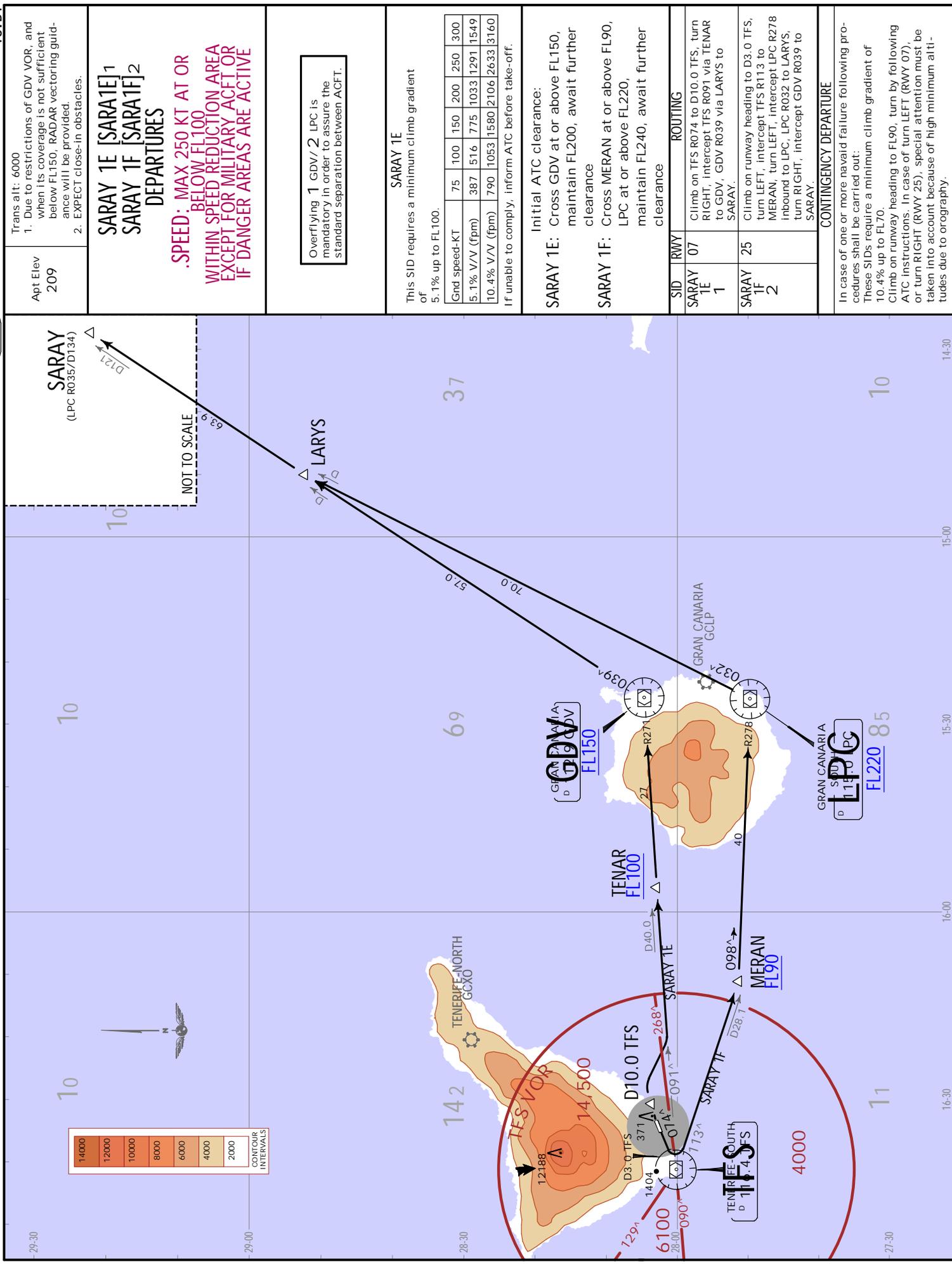
Gnd speed-KT	75	100	150	200	250	300
6.0% V/V (fpm)	456	608	911	1215	1519	1823
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

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



**SAMAR 8E [SAMA8E]  
SAMAR 9F [SAMA9F]  
DEPARTURES**

TENERIFE-SOUTH, CANARY IS.  
SID.



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

**SARAY 1E [SARAYE]1**  
**SARAY 1F [SARAYF]2**  
**DEPARTURES**  
**.SPEED: MAX 250 KT AT OR BELOW FL100**  
**WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**

Overflying 1 GDV/2 LPC is mandatory in order to assure the standard separation between ACFT.

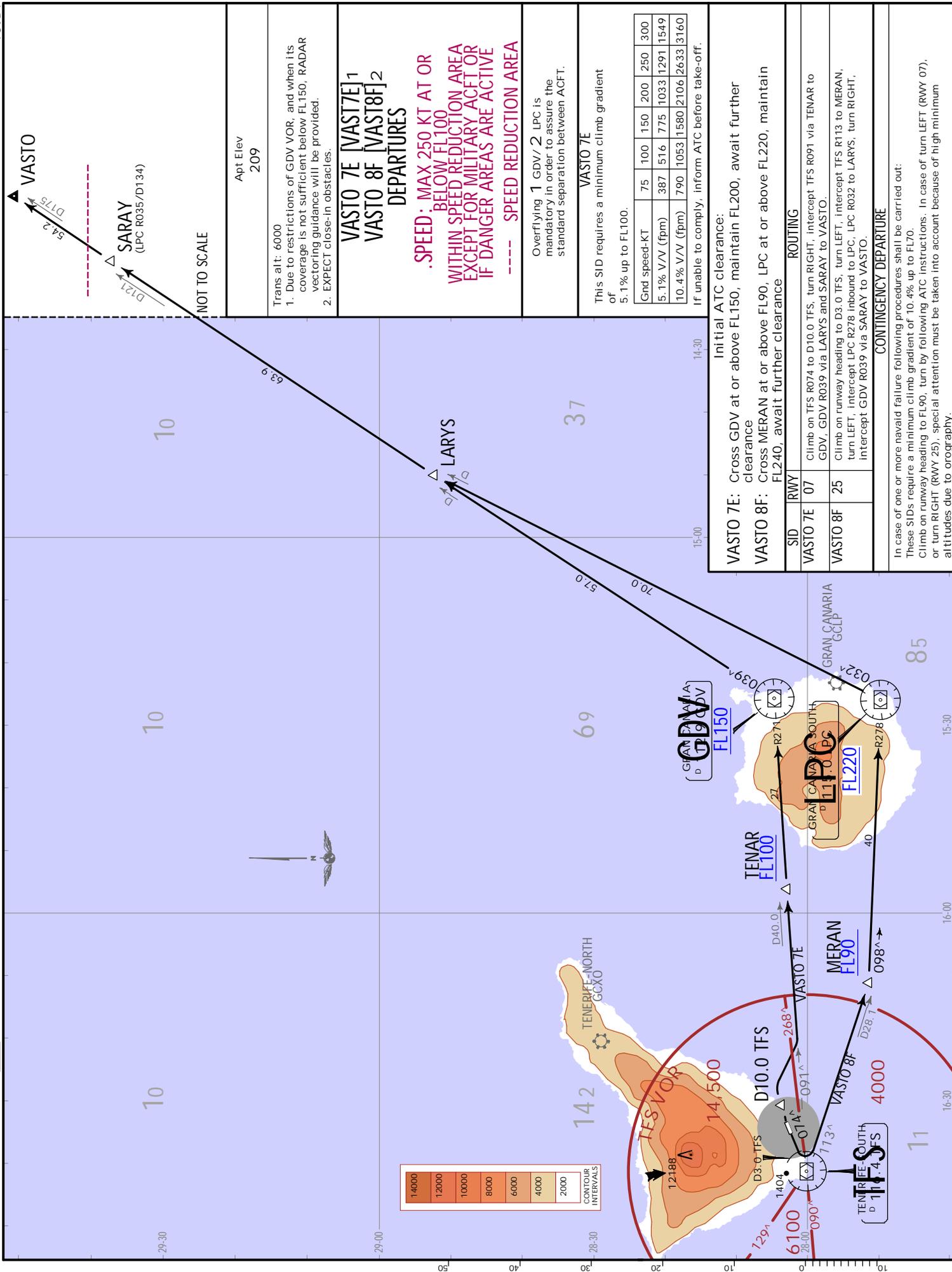
**SARAY 1E**  
 This SID requires a minimum climb gradient of 5.1% up to FL100.

Gnd speed-KT	75	100	150	200	250	300
5.1% V/V (fpm)	387	516	775	1033	1291	1549
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

If unable to comply, inform ATC before take-off.  
**SARAY 1E:** Initial ATC clearance: Cross GDV at or above FL150, maintain FL200, await further clearance  
**SARAY 1F:** Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

SID	RWY	ROUTING
SARAY 1E 1	07	Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R091 via TENAR to GDV, GDV R039 via LARYS to SARAY.
SARAY 1F 2	25	Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R032 to LARYS, turn RIGHT, intercept GDV R039 to SARAY.

**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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.



NOT TO SCALE

Apt Elev  
209

Trans alt: 6000

1. Due to restrictions of GDV VOR, and when its coverage is not sufficient below FL150, RADAR vectoring guidance will be provided.
2. EXPECT close-in obstacles.

VASTO 7E [VAST7E]1  
VASTO 8F [VAST8F]2  
DEPARTURES

**SPEED: MAX 250 KT AT OR BELOW FL100  
WITHIN SPEED REDUCTION AREA EXCEPT FOR MILITARY ACFT OR IF DANGER AREAS ARE ACTIVE**  
----- SPEED REDUCTION AREA

Overlying 1 GDV/2 LPC is mandatory in order to assure the standard separation between ACFT.

VASTO 7E

This SID requires a minimum climb gradient of 5.1% up to FL100.

Gnd speed-KT	75	100	150	200	250	300
5.1% V/V (fpm)	387	516	775	1033	1291	1549
10.4% V/V (fpm)	790	1053	1580	2106	2633	3160

If unable to comply, inform ATC before take-off.

Initial ATC clearance:

VASTO 7E: Cross GDV at or above FL150, maintain FL200, await further clearance

VASTO 8F: Cross MERAN at or above FL90, LPC at or above FL220, maintain FL240, await further clearance

SID RWY

VASTO 7E 07

VASTO 8F 25

ROUTING

Climb on TFS R074 to D10.0 TFS, turn RIGHT, intercept TFS R091 via TENAR to GDV, GDV R039 via LARYS and SARAY to VASTO.

Climb on runway heading to D3.0 TFS, turn LEFT, intercept TFS R113 to MERAN, turn LEFT, intercept LPC R278 inbound to LPC, LPC R032 to LARYS, turn RIGHT, intercept GDV R039 via SARAY to VASTO.

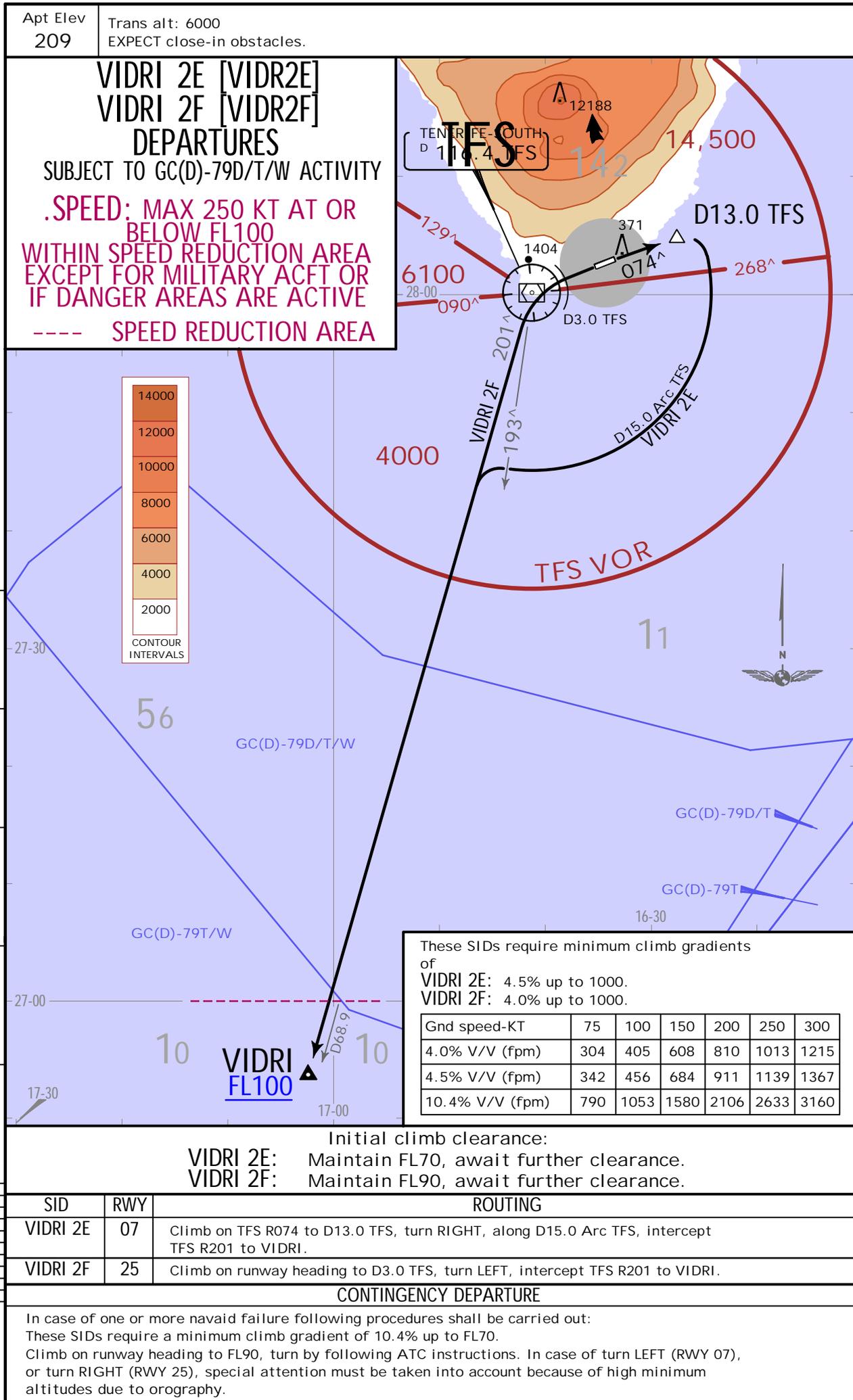
CONTINGENCY DEPARTURE

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 07), or turn RIGHT (RWY 25), special attention must be taken into account because of high minimum altitudes due to orography.

**GCTS/TFS**  
REINA SOFIA

**JEPPESEN** TENERIFE-SOUTH, CANARY IS  
4 OCT 19 (10-3N) .Eff.10.Oct.

**.SID.**



# GCTS/TFS

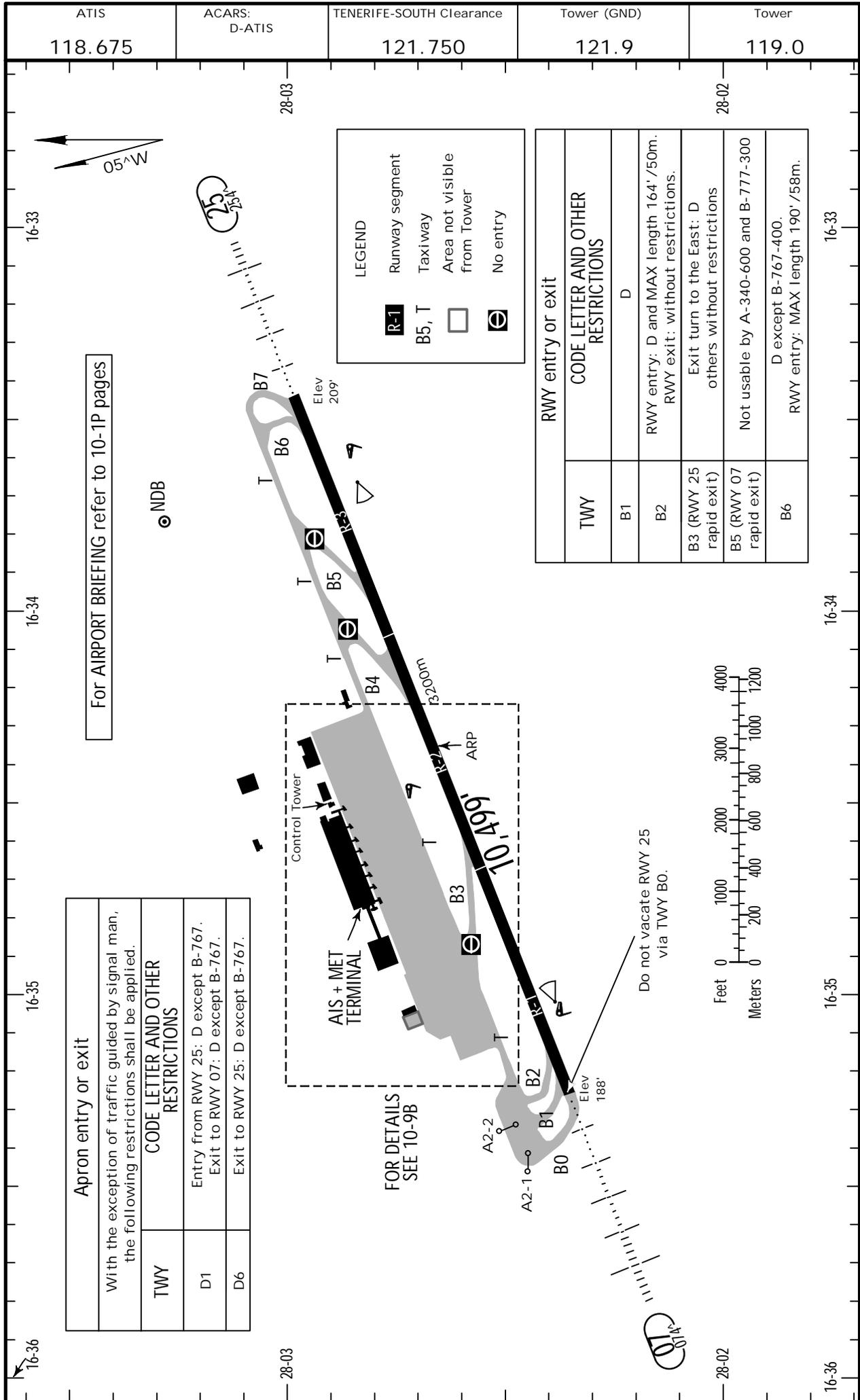
Apt Elev 209'  
N28 02.7 W016 34.4



# TENERIFE-SOUTH, CANARY IS

8 MAY 20 (10-9).Eff.21.May.

REINA SOFIA



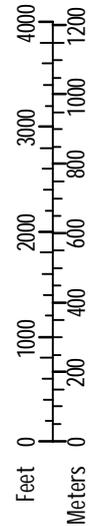
ATIS	ACARS: D-ATIS	TENERIFE-SOUTH Clearance	Tower (GND)	Tower
118.675		121.750	121.9	119.0

For AIRPORT BRIEFING refer to 10-1P pages

Apron entry or exit	
With the exception of traffic guided by signal man, the following restrictions shall be applied.	
TWY	CODE LETTER AND OTHER RESTRICTIONS
D1	Entry from RWY 25: D except B-767. Exit to RWY 07: D except B-767.
D6	Exit to RWY 25: D except B-767.

LEGEND	
	Runway segment
	Taxiway
	Area not visible from Tower
	No entry

RWY entry or exit	
TWY	CODE LETTER AND OTHER RESTRICTIONS
B1	D
B2	RWY entry: D and MAX length 164' /50m. RWY exit: without restrictions.
B3 (RWY 25 rapid exit)	Exit turn to the East: D others without restrictions
B5 (RWY 07 rapid exit)	Not usable by A-340-600 and B-777-300
B6	D except B-767-400. RWY entry: MAX length 190' /58m.



# GCTS/TFS



# TENERIFE-SOUTH, CANARY IS

8 MAY 20

**10-9A**

.Eff.21.May.

REINA SOFIA

RWY	ADDITIONAL RUNWAY INFORMATION				USABLE LENGTHS			WIDTH	
					LANDING BEYOND		TAKE-OFF		
					Threshold	Glide Slope			
07	HIRL(50m)	CL(15m)	HIALS	PAPI(3.0^)	<b>1</b>	HSTIL-B4&B5	9269' 2825m	<b>3</b>	148' 45m
25	HIRL(50m)	CL(15m)	HIALS	PAPI(3.0^)	<b>2</b>	HSTIL-B3	9345' 2848m		

**1** not usable for code letter F acft, except A380.  
**2** not usable for B747-400 and code letter F acft, except A380.  
**3** TAKE-OFF RUN AVAILABLE  
RWY 07: From RWY head 10,499' (3200m)      RWY 25: From RWY head 10,499' (3200m)  
 TWY B2 int 10,039' (3060m)      TWY B6 int 10,187' (3105m)

STAND No.	COORDINATES	STAND No.	COORDINATES
AG1	N28 02.6 W016 35.1	H37	N28 02.8 W016 34.8
AG2 thru AG5	N28 02.7 W016 35.1	H37A	N28 02.7 W016 34.8
AG21	N28 02.9 W016 34.3	H38 thru H43	N28 02.7 W016 34.9
E49	N28 02.8 W016 34.3	H44, H46	N28 02.7 W016 35.0
E50 thru E53	N28 02.8 W016 34.4	J1	N28 02.9 W016 34.5
E54	N28 02.8 W016 34.5	J3, J5	N28 02.8 W016 34.6
E55, E56	N28 02.8 W016 34.6	J7, J8	N28 02.8 W016 34.7
E57 thru E59	N28 02.7 W016 34.7	J22, J24	N28 02.9 W016 34.4
E60 thru E62	N28 02.7 W016 34.8	R5A	N28 02.8 W016 34.6
E63	N28 02.7 W016 34.9	R19	N28 02.9 W016 34.3
E64 thru E67	N28 02.6 W016 35.0	R40, R42	N28 02.7 W016 34.9
E68 thru E70	N28 02.6 W016 35.1	R45 thru S41	N28 02.7 W016 35.0
G2	N28 02.9 W016 34.5		
G4	N28 02.8 W016 34.6		
G6	N28 02.8 W016 34.7		
G20	N28 02.9 W016 34.3		
G23	N28 02.9 W016 34.4		
G25	N28 02.9 W016 34.5		
G35 thru G36A	N28 02.8 W016 34.8		
G48	N28 02.7 W016 35.0		

Standard.	TAKE-OFF
A	vis 800m
B	
C	
D	

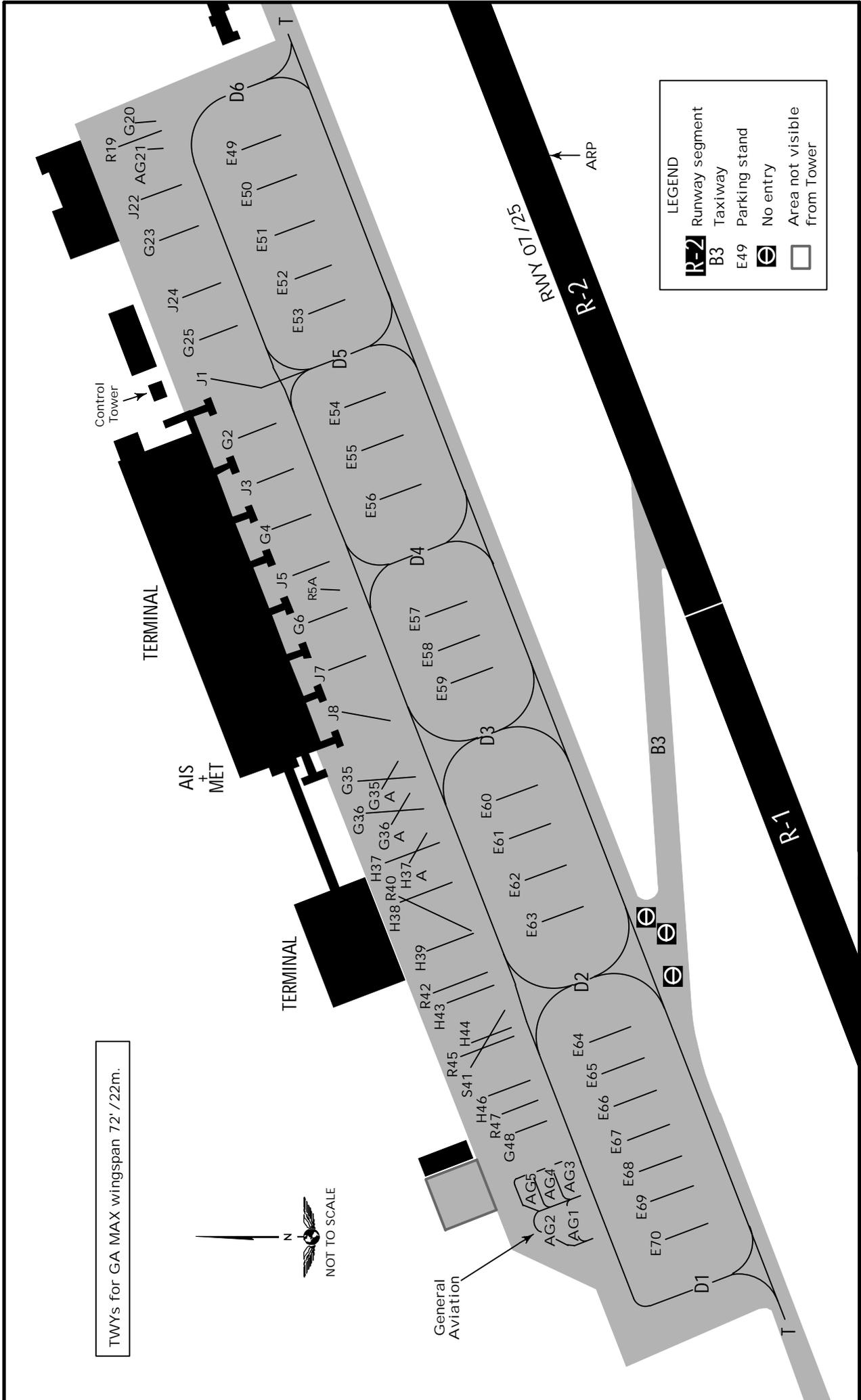
GCTS/TFS

JEYPESEN

TENERIFE-SOUTH, CANARY IS

8 MAY 20 (10-9B) .Eff.21.May.

REINA SOFIA



# GCTS/TFS

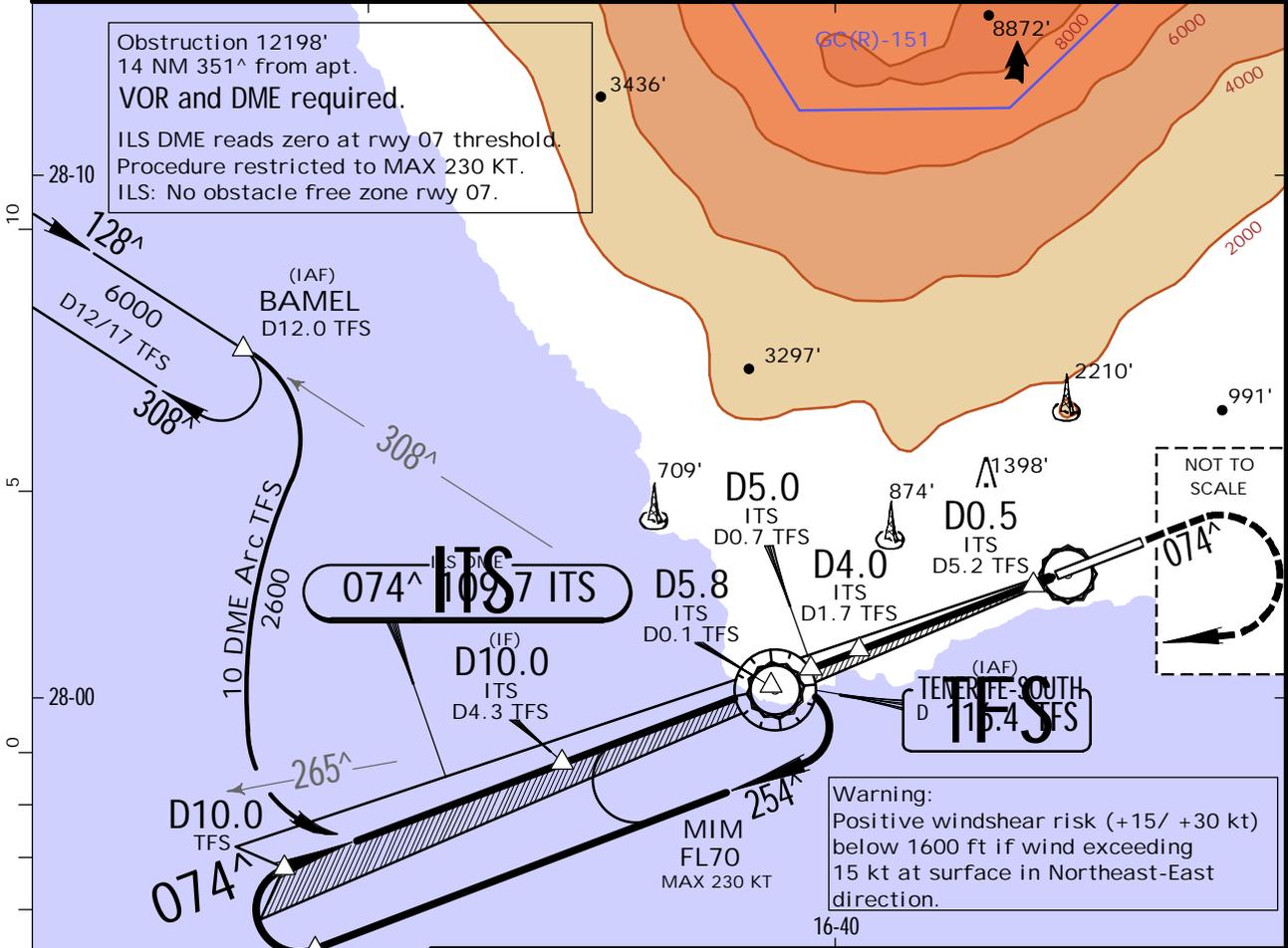
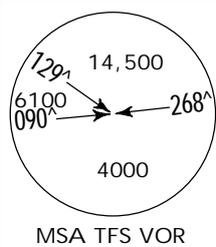
REINA SOFIA

17 FEB 17 (11-1) .Eff.2.Mar.

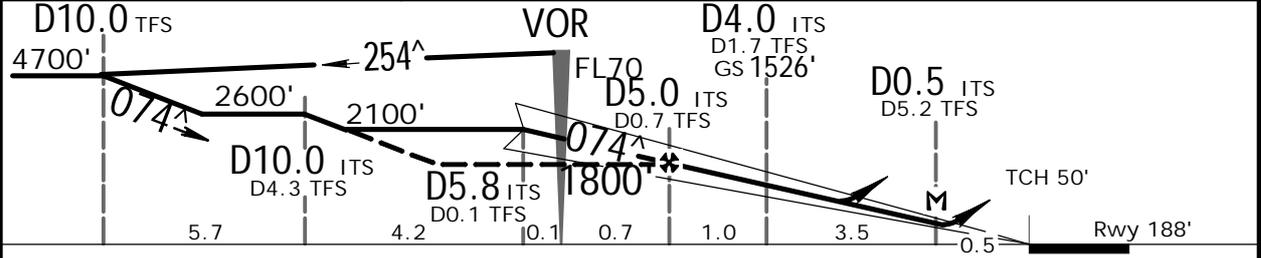
# TENERIFE-SOUTH, CANARY IS

ILS Z or LOC Z Rwy 07

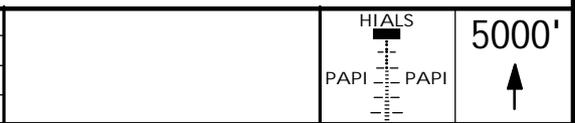
D-ATIS 118.675		TENERIFE-SOUTH Approach (R) 127.7		TENERIFE-SOUTH Tower 119.0		Ground 121.9	
LOC ITS 109.7		Final Apch Crs 074 <sup>^</sup>		GS D4.0 ITS 1526' (1338')		Apt Elev 209' Rwy 188'	
MISSED APCH: Climb STRAIGHT AHEAD to 5000', then turn RIGHT (MAX 220 KT) to VOR at FL70 and join holding.							
Alt Set: hPa		Rwy Elev: 7 hPa		Trans level: By ATC		Trans alt: 6000'	



LOC (GS out)	ITS DME	4.0	3.0	2.0
	ALTITUDE	1530'	1210'	880'



Gnd speed-Kts	70	90	100	120	140	160
ILS GS	3.00 <sup>^</sup>	372	478	531	637	849
LOC Descent Angle	3.04 <sup>^</sup>	376	484	538	645	861



Standard. STRAIGHT-IN LANDING RWY 07 ILS				LOC (GS out)		CIRCLE-TO-LAND	
Missed Apch climb gradient mim 3.0 %		Missed Apch climb gradient mim 2.5 %		700' (512')		Not authorized North of rwy	
DA(H) 1 D: 446' (258')		DA(H) 2 D: 459' (271')		ALS out		MDA(H) _____ VIS _____	
FULL/Limited		FULL/Limited		ALS out		Max Kts	
A	RVR 1200m	RVR 1200m	RVR 1200m	RVR 1500m		100	1180' (971') 1500m
B	RVR 800m	RVR 800m	RVR 800m	RVR 1500m		135	1250' (1041') 1600m
C	RVR 1300m	RVR 1300m	RVR 1300m	RVR 1600m	CMV 2400m	180	1350' (1141') 2400m
D	RVR 1300m	RVR 1300m	RVR 1300m	RVR 1600m	CMV 2400m	205	1350' (1141') 3600m

1 DA(H) CAT A: 415' (227'), CAT B: 427' (239'), CAT C: 435' (247').  
 2 DA(H) CAT A: 428' (240'), CAT B: 440' (252'), CAT C: 448' (260').

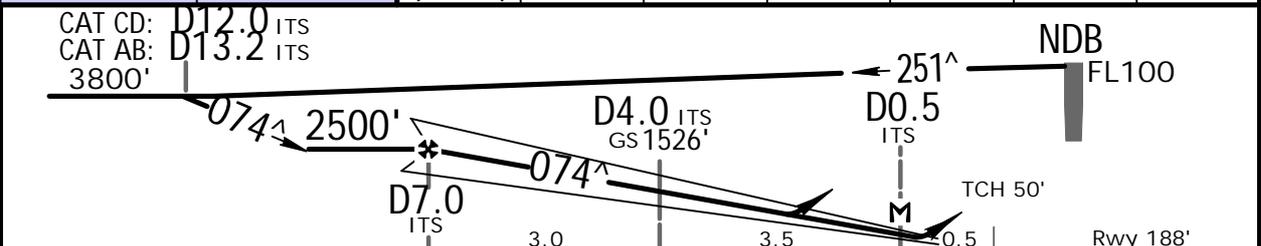
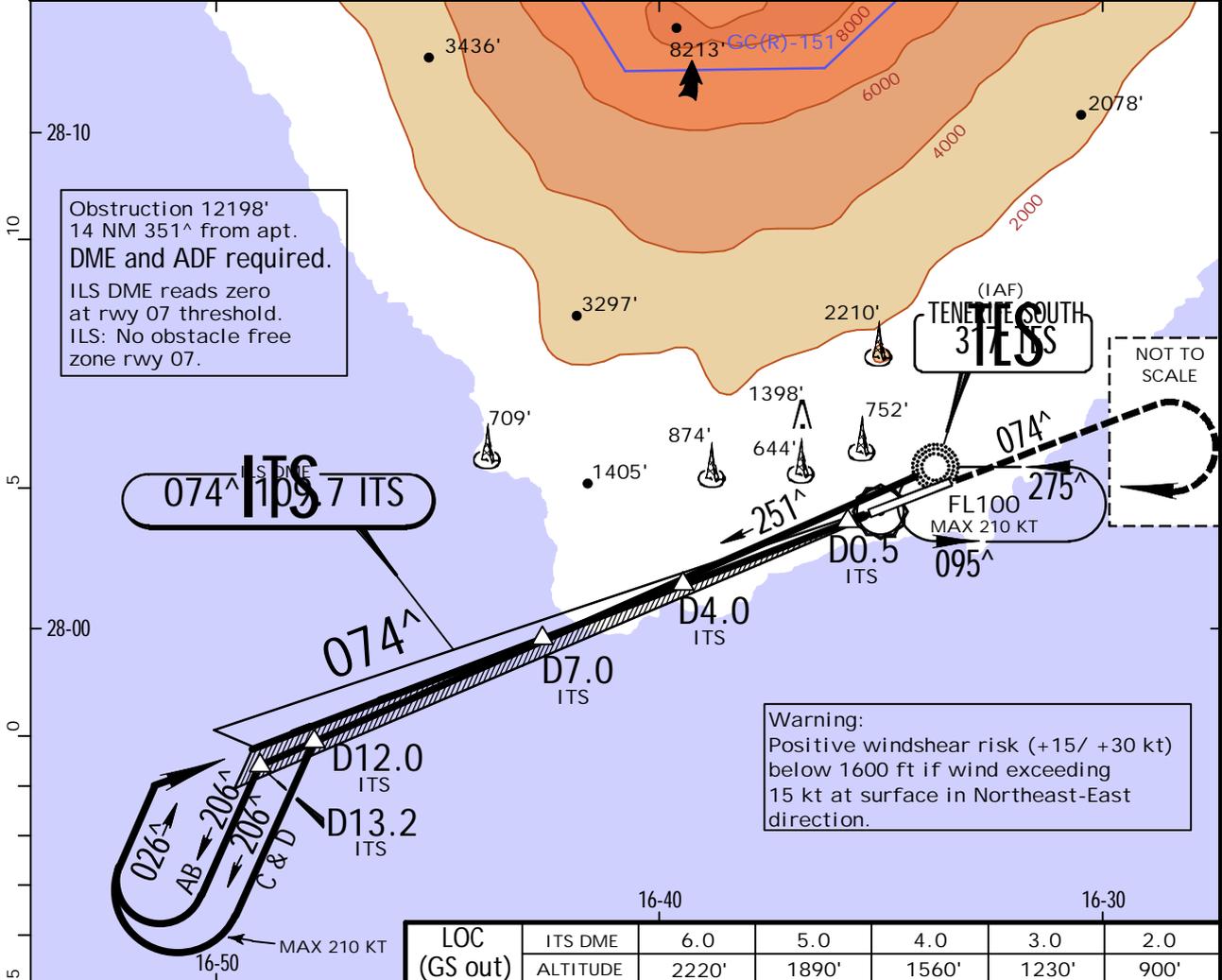
# GCTS/TFS

REINA SOFIA

# JEPESEN TENERIFE-SOUTH, CANARY IS

17 FEB 17 (11-2) .Eff.2.Mar. ILS Y or LOC Y Rwy 07

D-ATIS 118.675		TENERIFE-SOUTH Approach (R) 127.7		TENERIFE-SOUTH Tower 119.0		Ground 121.9		
LOC 109.7	Final Apch Crs 074 <sup>^</sup>	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.								<p>MSA TES NDB</p>
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 <sup>^</sup>	372	478	531	637	849	
LOC Descent Angle	3.11 <sup>^</sup>	385	495	550	660	880	

Standard		STRAIGHT-IN LANDING RWY 07				LOC (GS out)		CIRCLE-TO-LAND	
Missed Apch climb gradient mim 3.0 %		ILS		Missed Apch climb gradient mim 2.5 %		DA(H) 800' (612')		Not authorized North of rwy	
DA(H) 1		C: 435' (247')	D: 446' (258')	DA(H) 2		C: 448' (260')	D: 459' (271')	Max Kts	
FULL/Limited		ALS out		FULL/Limited		ALS out		MDA(H) VIS	
A	RVR 800m	RVR1200m		RVR1200m		RVR1500m		100	1180' (971') 1500m
B		RVR1200m		RVR800m		RVR1300m		135	1250' (1041') 1600m
C		RVR1300m		RVR800m		CMV 2100m	CMV 2400m	180	1350' (1141') 2400m
D		RVR1300m		RVR800m		RVR1300m		205	1350' (1141') 3600m

1 DA(H) CAT A: 415' (227'), CAT B: 427' (239'). 2 DA(H) CAT A: 428' (240'), CAT B: 440' (252').

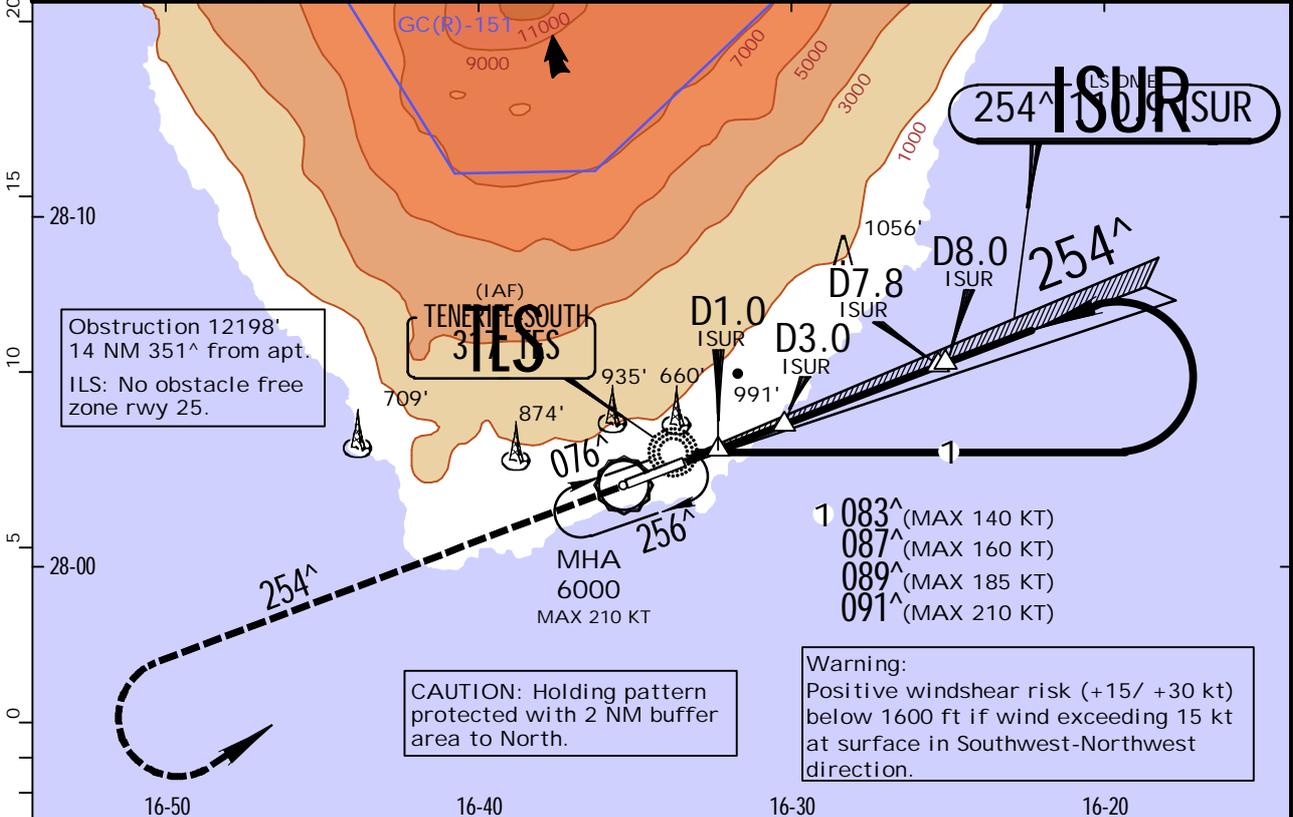
GCTS/TFS  
REINA SOFIA

14 SEP 18 (11-3)

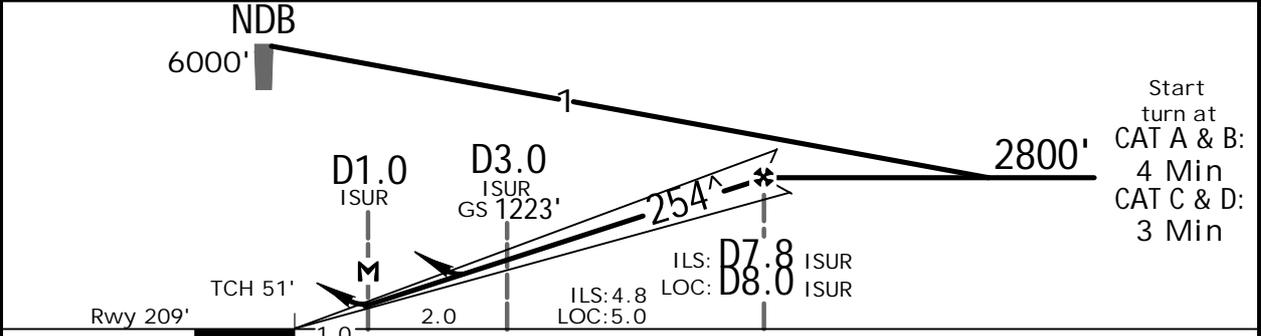
JEPPESEN TENERIFE-SOUTH, CANARY IS  
ILS Z or LOC Z Rwy 25

D-ATIS 118.675	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9		
LOC ISUR 110.9	Final Apch Crs 254^	GS D3.0 ISUR 1223' (1014')	ILS DA(H) Refer to Minimums		Apt Elev 209' Rwy 209'
MISSED APCH: Climb on 254^ to 4000'. Turn LEFT to NDB climbing to 6000' and join holding.					MSA TES NDB

Alt Set: hPa Rwy Elev: 8 hPa Trans level: By ATC Trans alt: 6000'  
1. ADF and DME required. 2. ILS DME reads zero at rwy 25 threshold.



LOC (GS out)	ISUR DME	2.0	3.0	4.0	5.0	6.0	7.0
	ALTITUDE	910'	1240'	1560'	1890'	2210'	2540'



Gnd speed-Kts	70	90	100	120	140	160	HI ALS 	
ILS GS	3.00^	372	478	531	637	743		849
LOC Descent Angle	3.06^	379	487	541	650	758		866

PANS OPS	Standard. STRAIGHT-IN LANDING RWY 25				CIRCLE-TO-LAND	
	ILS DA(H) A: 426' (217') C: 446' (237') B: 438' (229') D: 456' (247')		LOC (GS out) CDFA DA/MDA(H) 710' (501')		Not authorized North of rwy	
	FULL		ALS out		Max Kts	MDA(H) VIS
	A	RVR 800m	RVR 1200m	RVR 1500m	100	1620' (1411') 1500m
	B				135	1620' (1411') 1600m
C			RVR 1600m	RVR 2400m	180	1720' (1511') 2400m
D		RVR 1300m			205	1720' (1511') 3600m

# GCTS/TFS

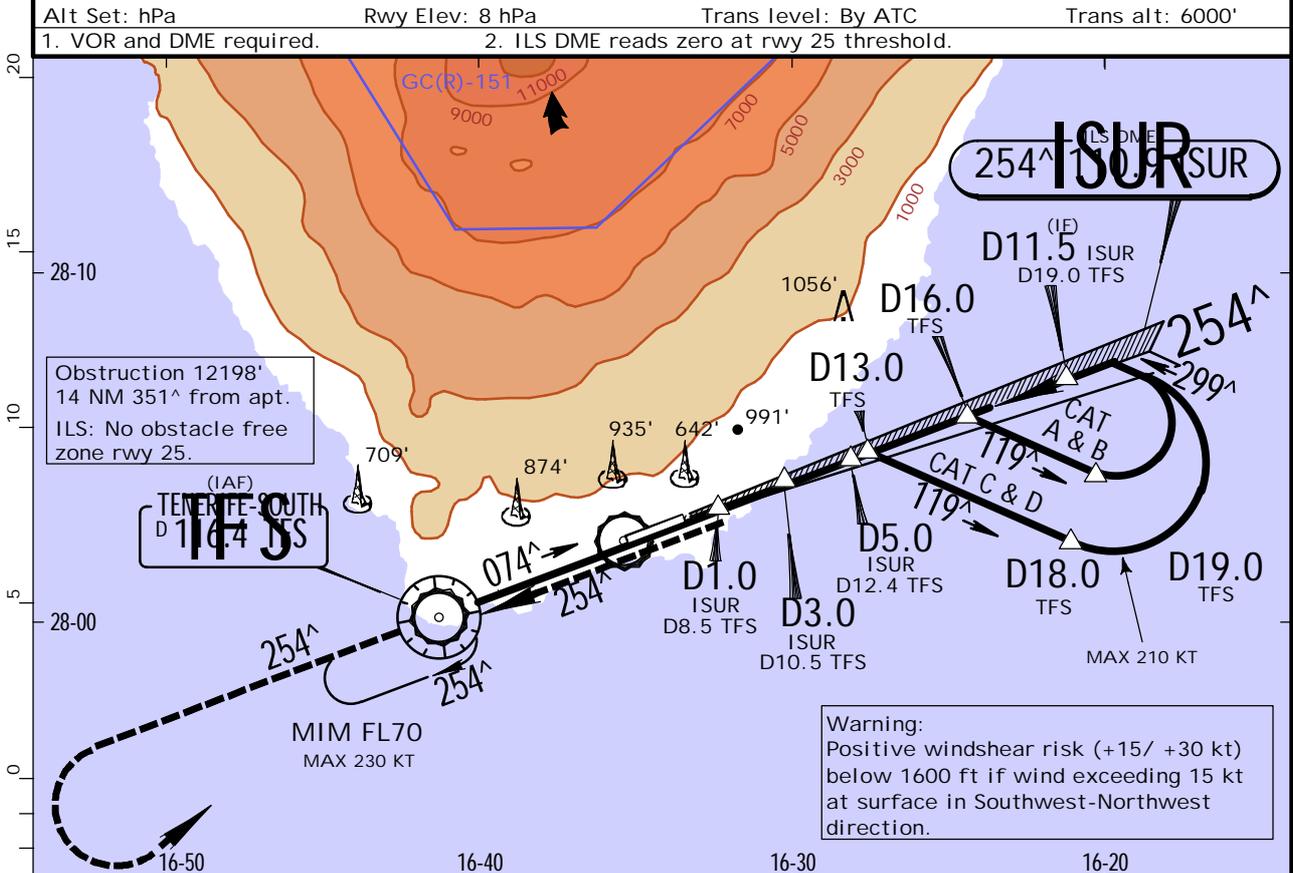
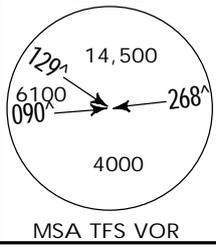
REINA SOFIA

**JEPPESSEN**  
14 SEP 18 (11-4)

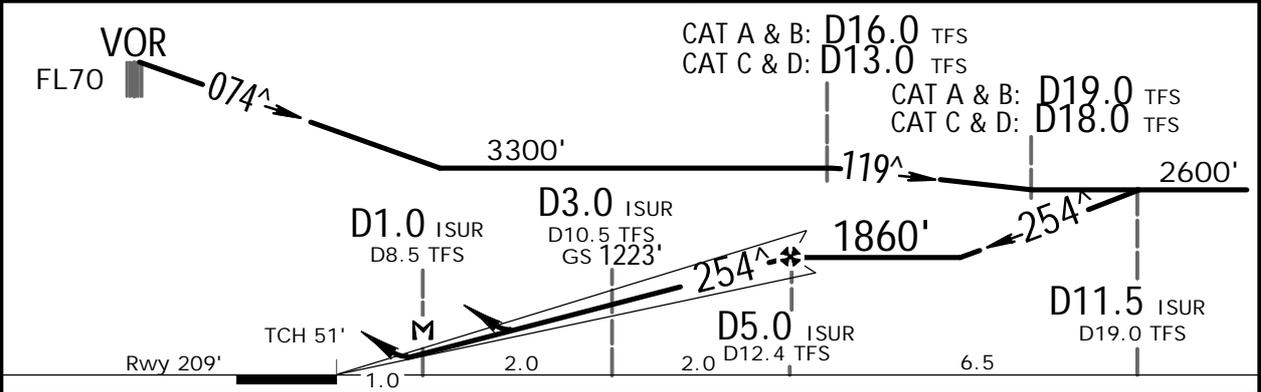
# TENERIFE-SOUTH, CANARY IS

ILS Y or LOC Y Rwy 25

D-ATIS 118.675	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9
LOC ISUR 110.9	Final Apch Crs 254 <sup>^</sup>	GS D3.0 ISUR 1223' (1014')	ILS DA(H) Refer to Minimums
MISSED APCH: Climb on R-074 inbound to 5000', then turn LEFT direct to VOR climbing to FL70 and join holding.			Apt Elev 209' Rwy 209'
Alt Set: hPa			Trans alt: 6000'
1. VOR and DME required.		2. ILS DME reads zero at rwy 25 threshold.	



LOC (GS out)	ISUR DME	2.0	3.0	4.0
	ALTITUDE	920'	1250'	1580'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI 5000' on R-074 TFS 116.4
ILS GS	3.00 <sup>^</sup>	372	478	531	637	849	
LOC Descent Angle	3.11 <sup>^</sup>	385	495	550	660	880	
MAP at D1.0 ISUR / D8.5 TFS							

Standard STRAIGHT-IN LANDING RWY 25		LOC (GS out)		CIRCLE-TO-LAND	
ILS		CDFA		Not authorized North of rwy	
DA(H) A: 409' (200')	C: 418' (209')	720' (511')			
B: 410' (201')	D: 428' (219')	ALS out			
FULL		ALS out		Max Kts	MDA(H) VIS
A		RVR 1500m		100	1620' (1411') 1500m
B				135	1620' (1411') 1600m
C	RVR 800m	RVR 1200m		180	1720' (1511') 2400m
D		RVR 1600m	RVR 2400m	205	1720' (1511') 3600m

PANS OPS

# GCTS/TFS

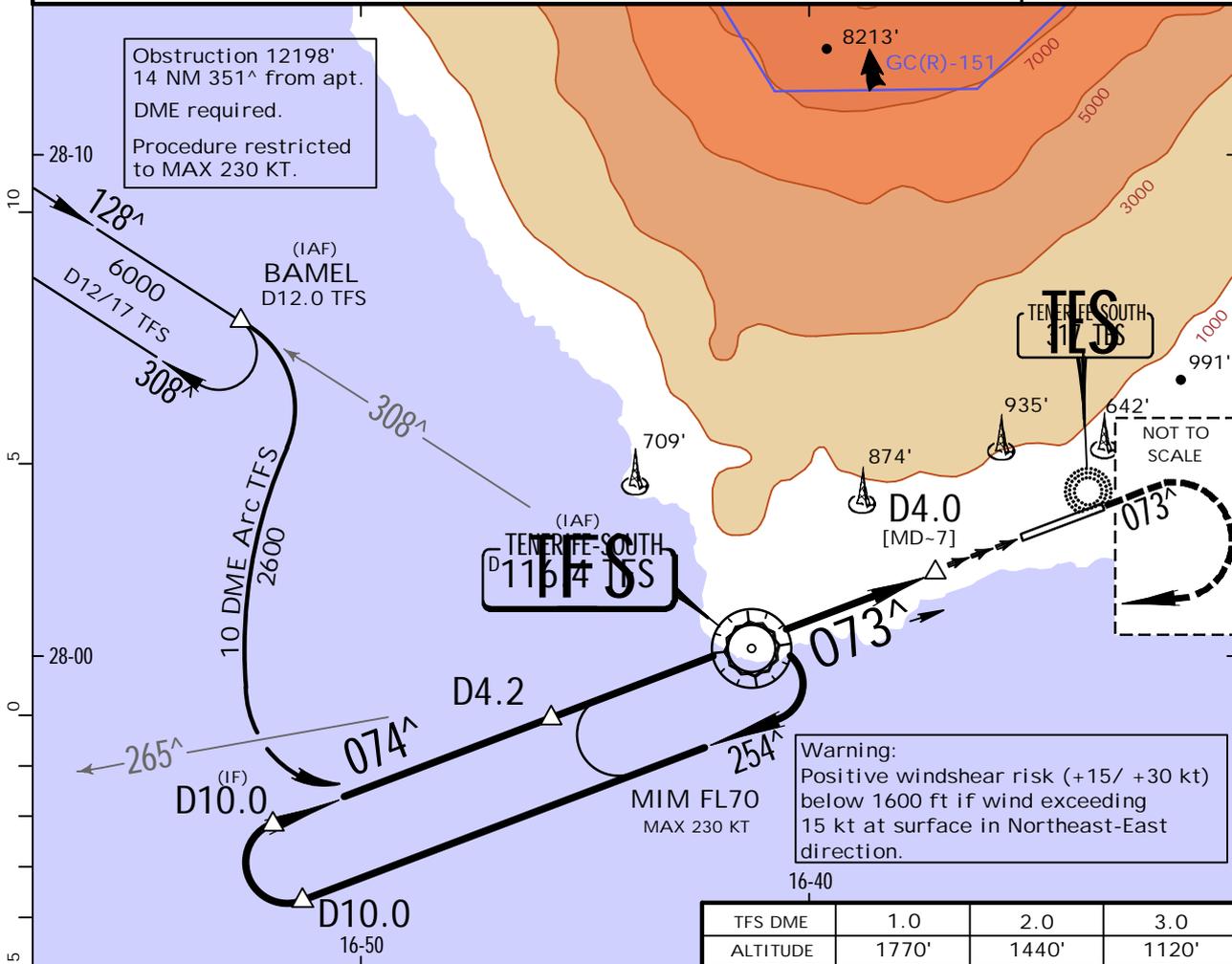
REINA SOFIA

JEPPESEN  
14 SEP 18 (13-1)

# TENERIFE-SOUTH, CANARY IS

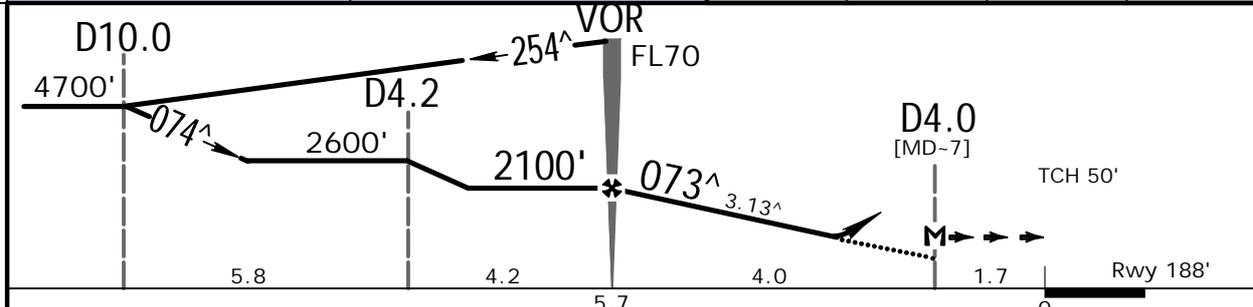
VOR Rwy 07

D-ATIS 118.675		TENERIFE-SOUTH Approach (R) 127.7		TENERIFE-SOUTH Tower 119.0		Ground 121.9	
VOR TFS 116.4	Final Apch Crs 073 <sup>^</sup>	Minimum Alt VOR 2100' (1912')	DA(H) (CONDITIONAL) 950' (762')	Apt Elev 209' Rwy 188'			
MISSED APCH: Climb on R-073 to 5000', then turn RIGHT (MAX 220 KT) to VOR at FL70 and join holding.							MSA TFS VOR
Alt Set: hPa		Rwy Elev: 7 hPa		Trans level: By ATC		Trans alt: 6000'	

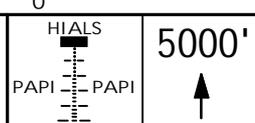


Warning:  
Positive windshear risk (+15/ +30 kt)  
below 1600 ft if wind exceeding  
15 kt at surface in Northeast-East  
direction.

TFS DME	1.0	2.0	3.0
ALTITUDE	1770'	1440'	1120'



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.13 <sup>^</sup>	388	498	554	665	775	886



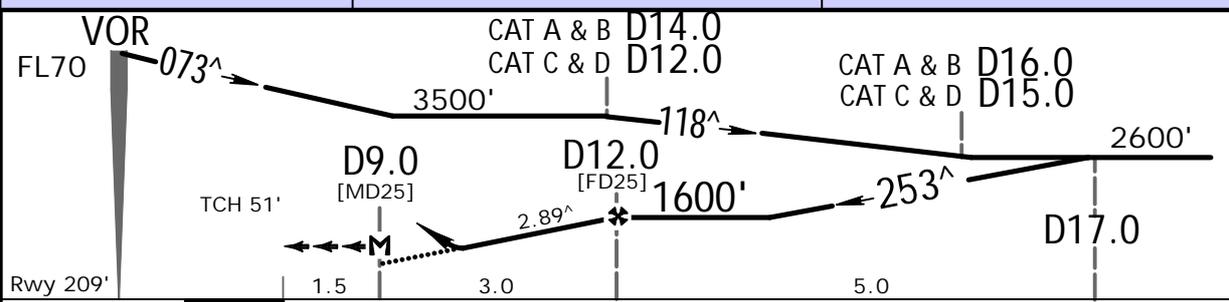
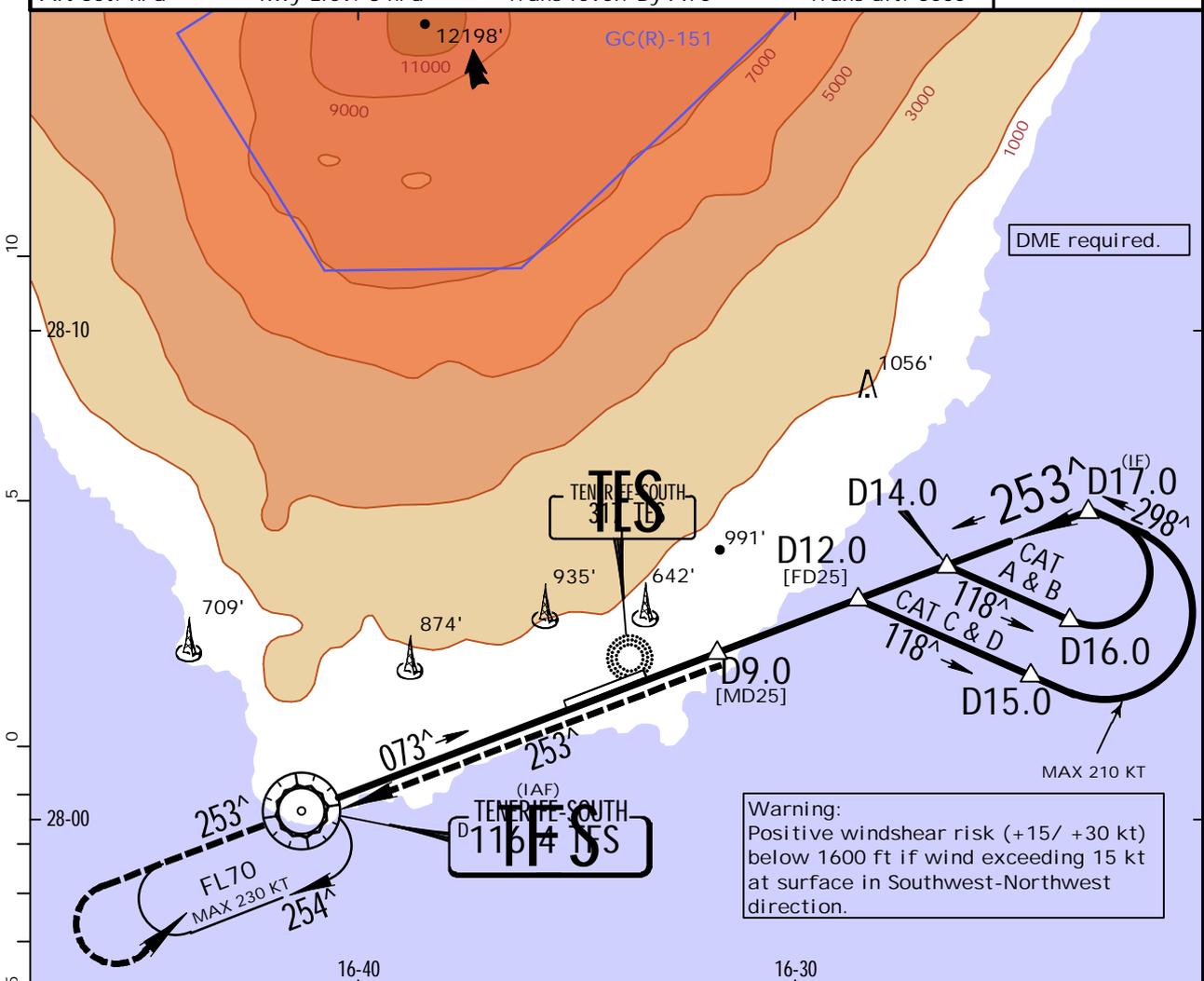
Standard STRAIGHT-IN LANDING RWY 07		CIRCLE-TO-LAND	
Missed Apch climb gradient mim 3.5 %		Not authorized North of rwy	
CDFA DA/MDA(H) 950' (762')		CDFA DA/MDA(H) 1060' (872')	
ALS out		ALS out	
Max Kts	MDA(H)	VIS	
A	RVR 1500m	100	1620' (1411') 1500m
B	RVR 1500m	135	1620' (1411') 1600m
C	RVR 2400m	180	1720' (1511') 2400m
D	RVR 2400m	205	1720' (1511') 3600m

**GCTS/TFS**  
REINA SOFIA

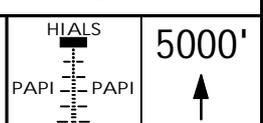
**JEPPesen** 14 SEP 18 (13-2)

**TENERIFE-SOUTH, CANARY IS**  
VOR Rwy 25

BRIEFING STRIP™	D-ATIS 118.675	TENERIFE-SOUTH Approach (R) 127.7	TENERIFE-SOUTH Tower 119.0	Ground 121.9		
	VOR TFS 116.4	Final Apch Crs 253 <sup>^</sup>	Minimum Alt D12.0 1600' (1391')	DA(H) 1330' (1121')		Apt Elev 209' Rwy 209'
	MISSED APCH: Climb on R-073 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'	



Gnd speed-Kts	70	90	100	120	140	160
Descent Angle	2.89 <sup>^</sup>	358	460	511	613	818
MAP at D9.0						



PANS OPS	Standard. STRAIGHT-IN LANDING RWY 25		CIRCLE-TO-LAND	
	CDA DA/MDA(H) 1330' (1121')		Not authorized North of rwy	
	ALS out		Max Kts	MDA(H)
	A	RVR 1500m	100	1620' (1411')
	B	RVR 1500m	135	1620' (1411')
C	RVR 2400m	180	1720' (1511')	
D	RVR 2400m	205	1720' (1511')	

Max Kts	MDA(H)	VIS
100	1620' (1411')	1500m
135	1620' (1411')	1600m
180	1720' (1511')	2400m
205	1720' (1511')	3600m

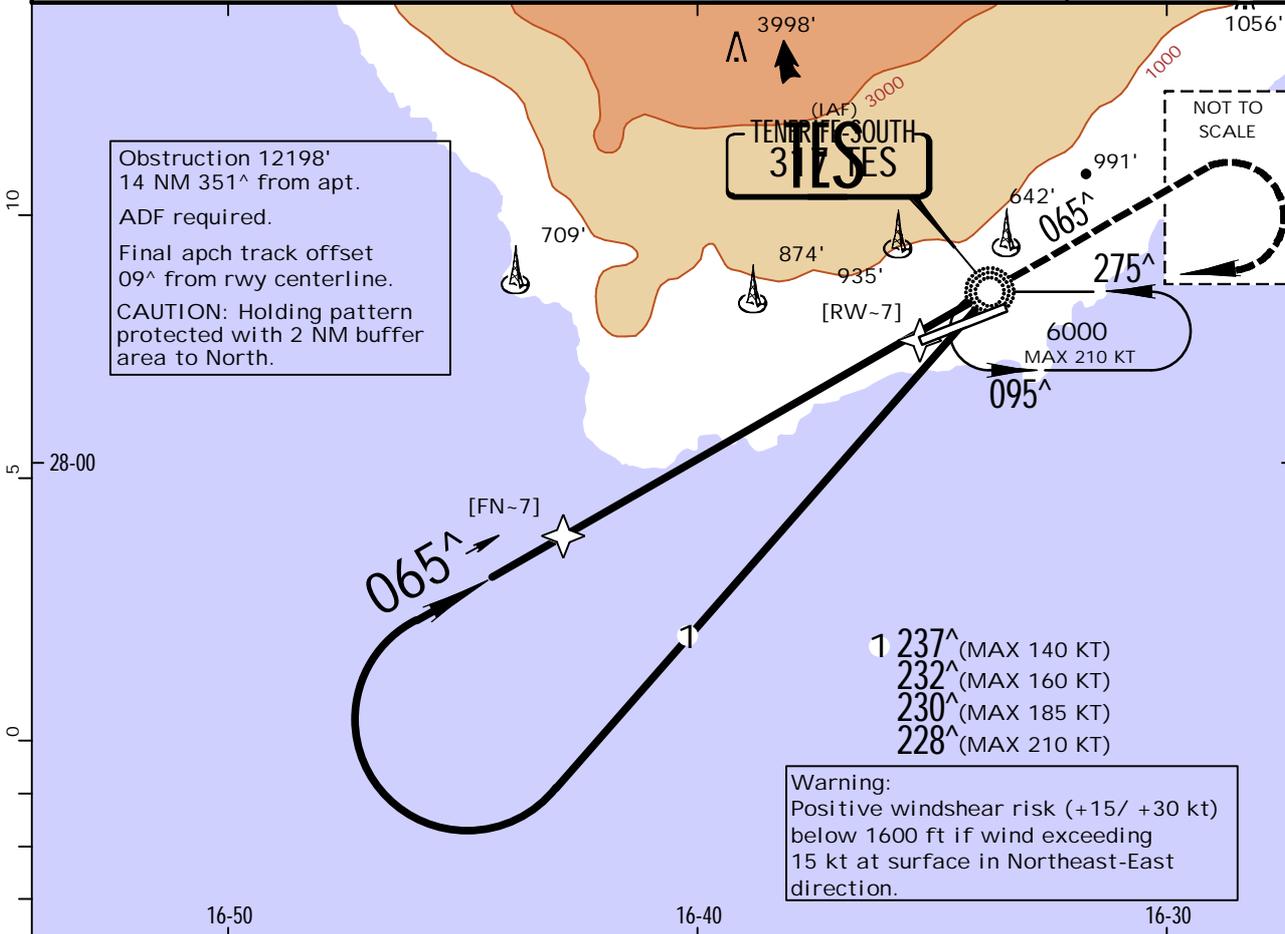
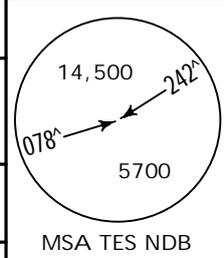
CHANGES: Wind direction in warning note changed.

**GCTS/TFS**  
REINA SOFIA

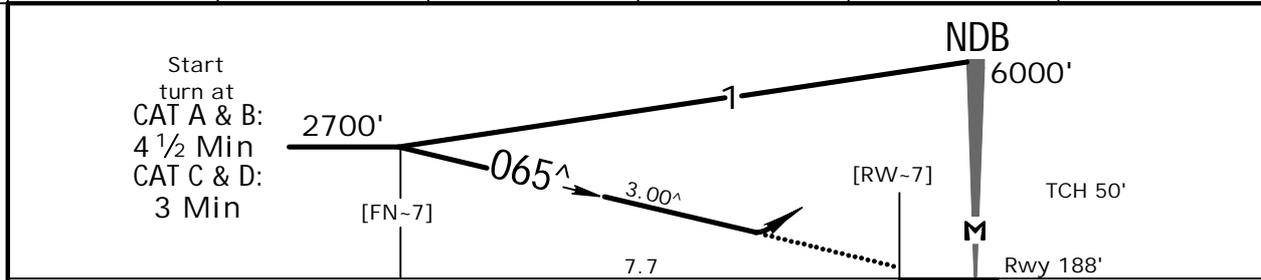
**JEPPesen**  
14 SEP 18 (16-1)

**TENERIFE-SOUTH, CANARY IS**  
**NDB Rwy 07**

D-ATIS <b>118.675</b>		TENERIFE-SOUTH Approach (R) <b>127.7</b>		TENERIFE-SOUTH Tower <b>119.0</b>		Ground <b>121.9</b>	
NDB TES <b>317</b>		Final Apch Crs <b>065<sup>^</sup></b>		Minimum Alt No FAF		CDFA DA(H) <b>1080'</b> (892')	
						Apt Elev 209' Rwy 188'	
MISSED APCH: Climb on 065 <sup>^</sup> 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 RW-7	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	HIALS PAPI PAPI	4000' on 065 <sup>^</sup>
Descent Angle 3.00 <sup>^</sup>	372	478	531	637	743	849		
MAP at NDB								

Standard STRAIGHT-IN LANDING RWY 07				CIRCLE-TO-LAND Not authorized North of rwy	
CDFA DA/MDA(H) <b>1080'</b> (892')		non-CDFA MDA(H) <b>1080'</b> (892')			
ALS out		ALS out		Max Kts.	MDA(H) VIS
A	RVR 1500m	RVR 3500m	RVR 4200m	100	1620' (1411') 11500m
B				135	1620' (1411') 11600m
C	RVR 3300m	RVR 4000m	RVR 3700m	180	1720' (1511') 14000m
D				205	

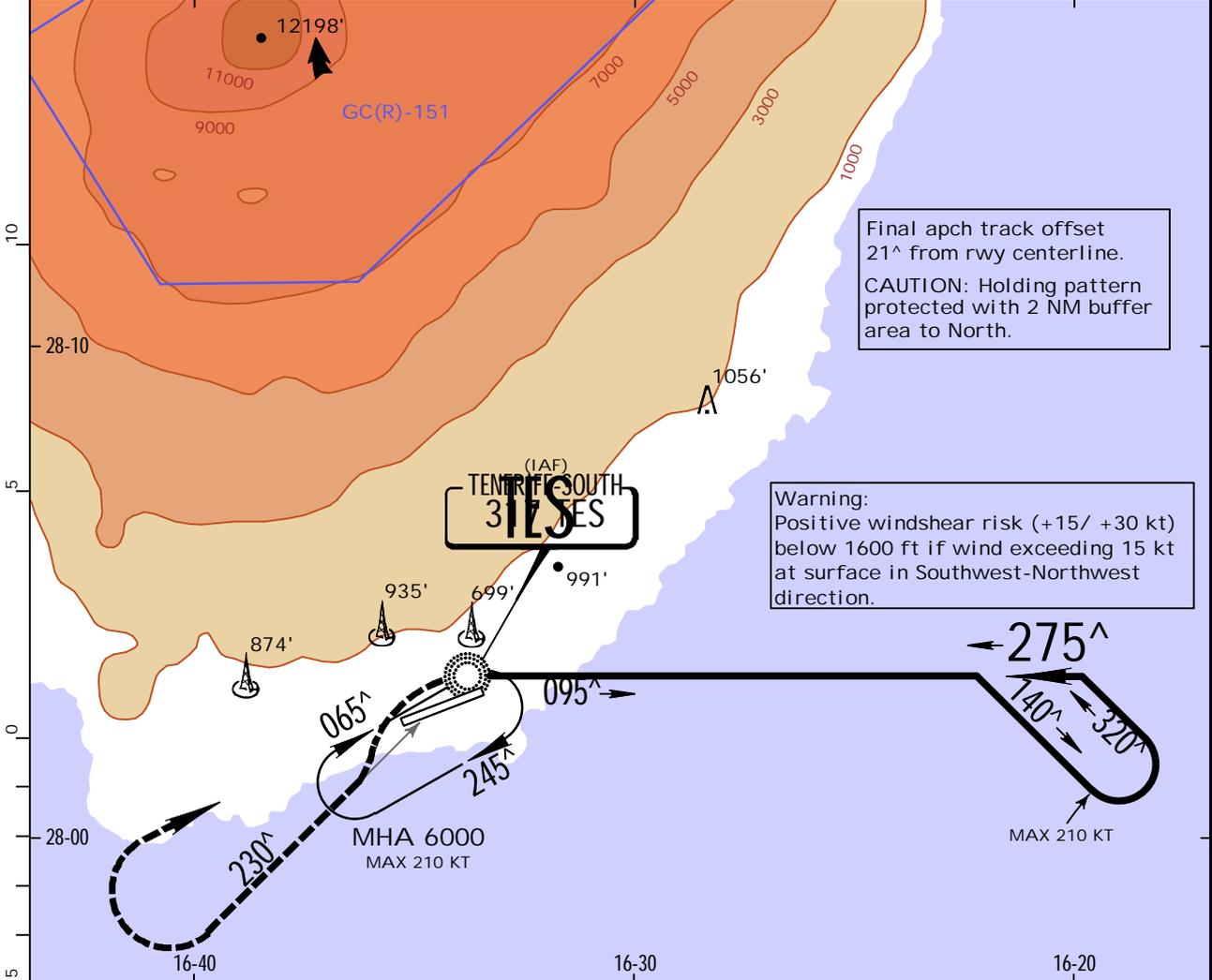
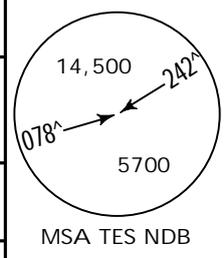
1 After non-CDFA apch: CAT AB VIS 4200m, CAT CD VIS 4400m.  
CHANGES: None. | JEPPesen, 2005, 2017. ALL RIGHTS RESERVED.

GCTS/TFS  
REINA SOFIA

14 SEP 18 (16-2)

JEPPESEN 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 275 <sup>^</sup>	Minimum Alt No FAF	MDA(H) Refer to Minimums
	Apt Elev 209'			
MISSED APCH: Turn LEFT (MAX 185 KT) to intercept and follow 230 <sup>^</sup> 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'



NDB  
6000'  
095<sup>^</sup>  
3300'  
275<sup>^</sup>  
Start turn at 3 Min  
Apt 209'

MAP at NDB	Lighting - Refer to Airport Chart	185 KT MAX onto LT	TES 317 230 <sup>^</sup>
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PANS OPS	Standard.		
	CIRCLE-TO-LAND Not authorized North of rwy		
	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	

(APP) TMA (D) Canarias:  
  
TENERIFE SUR APPROACH 127.700 (sp, en)

**GCTS**  
Elev 209' / 64 m  
N28 02.7  
W016 34.4 32 NM SW Santa Cruz de Tenerife

(TWR)  
  
TENERIFE SUR TOWER 119.000 (sp, en)  
  
TENERIFE SUR TOWER 121.900 (Ground)

ATIS 118.675  
\*ILS/DME freq paired. DME reads zero at THR.  

RWY	ILS	RWY	ILS
07*	109.70 ITS 074°	25*	110.90 ISUR 254°



**CAUTION:**  
High terrain N of AD  
1 Radio failure

Vertical scale: 30, 25, 20, 15, 10, 5, 0, 5, 10, 15, 20, 25, 30 (NM)

# TENERIFE SUR

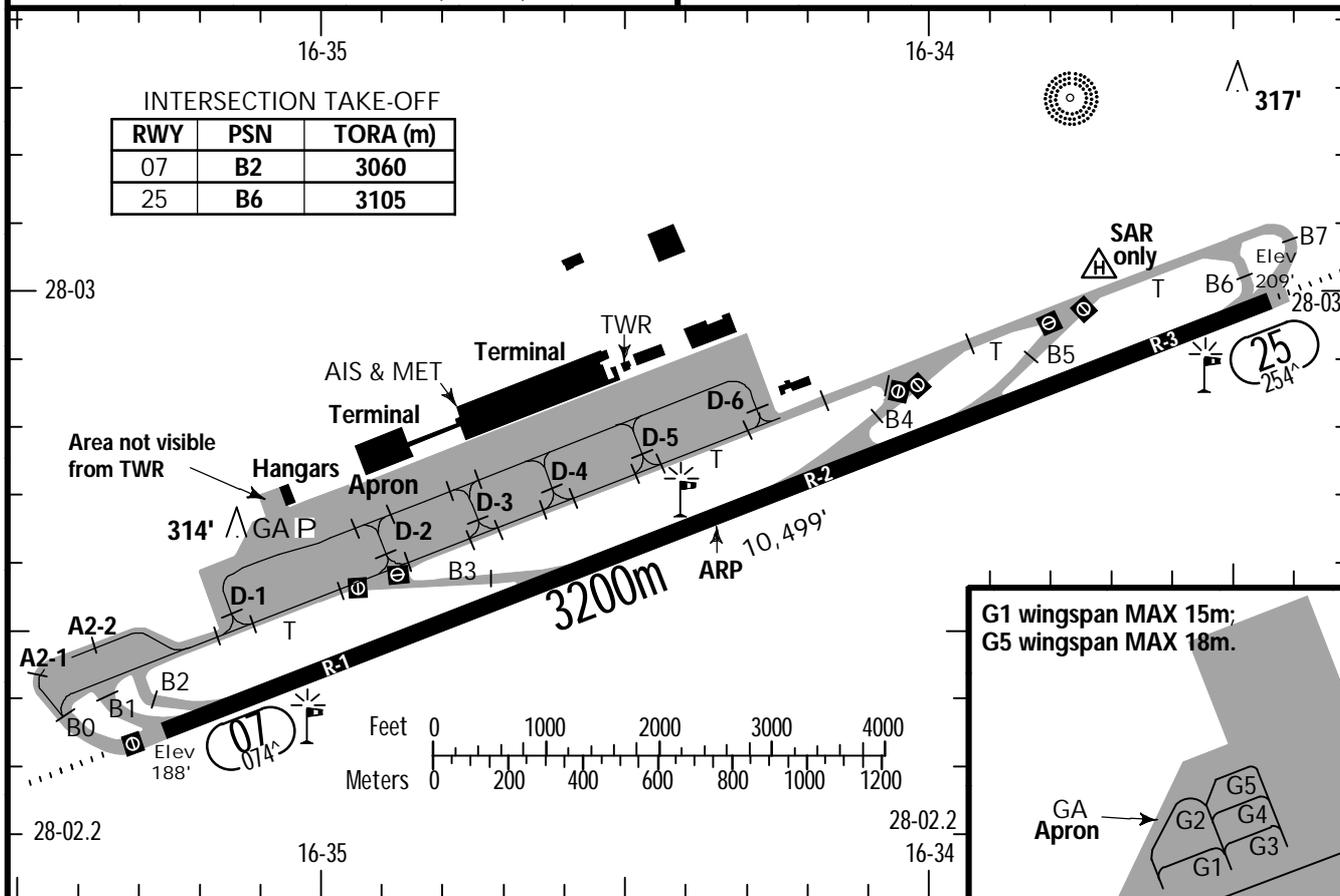
(29-2) 01 JUN 18



REINA SOFIA

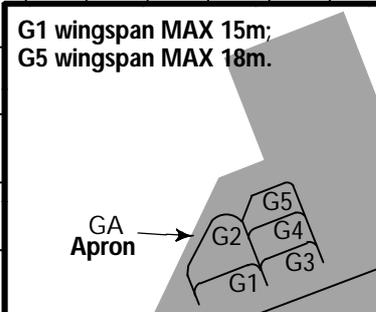
SPAIN, Canary Islands

ATIS 118.675  
TENERIFE SUR TOWER 121.900 (Ground)



INTERSECTION TAKE-OFF

RWY	PSN	TORA (m)
07	B2	3060
25	B6	3105



ALS - PAPI - THRL - RL - RCLL - TWYL - APRON - WDI.

RWY No	Dimension (m) - Surface	TORA (m)	LDA (m)	Strength	Lights
07 25	3200 x 45 Asphalt	3200	3200	PCN 92/F/C/W/T	

**NOTE: See also GRAN CANARIA 10-1V.**  
The RWY centre line or its extension shall never be crossed without TWR or APP permission.  
RWY 07 RH traffic circuit.

It is forbidden to cross the taxiways in the apron on foot.

CAUTION: Risks of turbulences close to Montaña Roja.

**WIND PHENOMENA**

Orographical conditions on the island of Tenerife and the airport situation favour the appearance, in certain circumstances, of wind shear and turbulence phenomena.

There is a low level wind shear alert system (LLWAS) that generates wind shear alarms.

Arrivals

ACFT are to establish radio contact with APP/TWR at the REPs E (Poris de Abona), W (Puerto Colón) or S (visual reference MONTAÑA ROJA) and request clearance to enter the CTR maintaining MAX 1000' SFC on route E, MAX 1000' on route S and MAX 1500' SFC on route W.

When necessary, ACFT will be cleared by TWR to hold at the indicated REPs before a final clearance to enter CTR is granted.

Departures

Pilots will report the DEP point to be used and will notify TWR when leaving CTR, maintaining permanent watch until leaving CTR.

Radio Failure

ACFT are to proceed via specified routes as shown on 29-1, holding S of AD if they proceed from REP S (visual reference MONTAÑA ROJA) or holding N of TWR if they proceed from N (highway crossroads) maintaining MAX 500' while awaiting visual instructions from TWR.

## Chart changes since cycle 10-2020

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

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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TENERIFE-SOUTH, (REINA SOFIA - GCTS)

## TERMINAL CHART CHANGE NOTICES

### Chart Change Notices for Airport GCTS

**Type:** Terminal (VFR)

**Effectivity:** Permanent

**Begin Date:** Immediately

**End Date:** No end date

CAUTION: Glare may be produced by hand-held lasers. Crew should report any such event and its possible location to ATC services. Birds on and in vicinity of AD.

**Type:** Terminal (VFR)

**Effectivity:** Permanent

**Begin Date:** Immediately

**End Date:** No end date

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SUDU..PONPA..PTA..GBE..DIL..VIE..SAVT