GRAN CANARIA
RNAV RWY 21R

CARTA DE SALIDA NORMALIZADA
VUELO POR INSTRUMENTOS (SID)-OACI

TA 6000 ft
VAR 3°35.0'W (2025)

APP 124.300 MHz
TWR 118.300 MHz

ARACO1D ODEGI1L | BIMBO1D RASEP1D | COSTI1L REMGI1L | HIE1N SAMAR1H | KONBA1N SARAY1D | KOPUD1D TFN1D | KORAL1D VASTO1D | LOMAS1D XORBO1D | MOVAS2D

ÁREA DE REDUCCIÓN DE VELOCIDAD // SPEED ADJUSTMENT AREA

ALT, ELEV & HGT: FT.
DIST: NM.
BRG: MAG.

RNAV1
- ARACO1D, COSTI1L, HIE1N, KOPUD1D, LOMAS1D, MOVAS2D, ODEGI1L, RASEP1D, REMGI1L, SAMAR1H, SARAY1F, TFN1D, VASTO1D, XORBO1D: GNSS O // OR (DME/DME/IRU) REQUERIDO // REQUIRED;
· ARACO1D: DME BV, GDV, HR, LGM, LPC, TFS MBOF (DME/DME/IRU).
· COSTI1L, KOPUD1D, ODEGI1L: DME GDV MBOF (DME/DME/IRU).
· HIE1N: DME BV, LPC MBOF (DME/DME/IRU).
· MOVAS2D: DME LPC MBOF (DME/DME/IRU).
· RASEP1D: DME GDV, LRO MBOF (DME/DME/IRU).
· SAMAR1H, VASTO1D: DME GDV, LPC, LZR, TFN MBOF (DME/DME/IRU).
· SARAY1D: DME GDV, LPC, TFN MBOF (DME/DME/IRU).
· TFN1D: DME GDV, LPC,TFS MBOF (DME/DME/IRU).
· XORBO1D: DME GDV, LPC MBOF (DME/DME/IRU).
- BIMBO1D, KONBA1N, KORAL1D: GNSS REQUERIDO // REQUIRED.

- NOTAS, RESTRICCIONES, OBST CERCANOS QUE VULNERAN LA OIS: VER DESCRIPCIÓN TEXTUAL.
- NOTES, RESTRICTIONS, CLOSE-IN OBST WHICH PENETRATE THE OIS:: SEE TEXTUAL DESCRIPTION.

OCÉANO ATLÁNTICO

SAHARA OCCIDENTAL

1:1 250 000
0 10 20 30 40 50 km
0 10 20 30 NM

018°00W 017°00W 016°00W 015°00W 014°00W
30°00N 29°00N 28°00N

BIMBO FL100 | KONBA FL200 | SAMAR FL200 | VASTO FL200 | KASAS | PEPES | SARAY | LARYS | RASEP | KOPUD | TUPIK | THAIS | NERVO | ARACO | TESEL | TFN | LRO | ARTEM | XORBO FL070 | LP700 | GDV | LP804 | LP805 | LP803 4300 | LP801 2500 | LP802 | LPC 1800 | LP806 | DRANO 5200 | LOMAS MAX IAS 230 kt | MOVAS | HIE | EL HIERRO HIE | ODEGI FL110 | REMGI FL100 | COSTI FL100 | KORAL FL100 | LANZAROTE LZR | LZR

GCR173 4000 ft ALT SFC
GCR175A FL210 FL070
GCR148 FL180 SFC
GCR149 6500 ft ALT SFC
GCR151 FL220 SFC
GCR17A FL210 FL070
GCR150 3500 ft ALT SFC
GCD15 FL100 SFC
GCD3 6500 ft ALT SFC
GCD29 6000 ft ALT SFC
GCD74 FL330 SFC
GCD23 6000 ft ALT SFC
GCD75 6500 ft ALT SFC
GCD53 FL320 SFC
GCD54 4000 ft ALT SFC
GCD51 4000 ft ALT SFC
GCD20B FL280 SFC
GCD20A 4000 ft ALT SFC
GCD79D/T/W UNL 2000 ft AMSL
GCD79T/W UNL 2000 ft AMSL
GCD79N/T UNL 2000 ft AMSL
GCD79C/E/N/T UNL 2000 ft AMSL
GCD79C UNL 2000 ft AMSL
GCD79A/C/E/N/T UNL 2000 ft AMSL

GRAN CANARIA SUR LPC | LPC 1800 | TO REMGI

TENERIFE LOS RODEOS LRO | TENERIFE NORTE TFN

LOMAS MAX IAS 230 kt | TO HIE | TO MOVAS | TO ODEGI

ARACO1D/BIMBO1D/COSTI1L/KOPUD1D/RASEP1D/SAMAR1H/VASTO1D/XORBO1D | TFN1D | TO GDV | TO LP805 | BIMBO1D KONBA1N KORAL1D SAMAR1H SARAY1D VASTO1D | COSTI1L KOPUD1D RASEP1D | TO LP806

BIMBO1D KONBA1N | ARACO1D TFN1D XORBO1D | SAMAR1H | SARAY1D VASTO1D | KOPUD1D RASEP1D | KORAL1D | COSTI1L KOPUD1D RASEP1D | HIE1N LOMAS1D MOVAS2D ODEGI1L | XORBO1D | BIMBO1D KONBA1N | RASEP1D | REMGI1L

CHANGES: REPRINTING.

WAYPOINTS COORDINATES

WPT	COORD
ARACO	282557.1N 0172708.4W
ARTEM	282432.5N 0160202.9W
BIMBO	312517.2N 0160158.4W
COSTI	272136.5N 0134208.5W
DRANO	273920.4N 0153024.4W
GDV	280437.5N 0152544.4W
HIE	274858.2N 0175311.0W
KASAS	295911.1N 0154607.4W
KONBA	311803.0N 0151806.0W
KOPUD	280823.0N 0143028.0W
KORAL	294353.1N 0123442.0W
LARYS	285218.6N 0145003.4W
LOMAS	274313.6N 0154127.8W
LP700	280914.1N 0153405.5W
LP801	274738.6N 0152646.6W
LP802	274523.6N 0152110.6W
LP803	274955.0N 0151708.0W
LP804	275749.0N 0151340.0W
LP805	281221.0N 0150718.0W
LP806	274851.0N 0145939.0W
LPC	274942.7N 0152556.1W
LRO	282905.7N 0162105.6W
LZR	290957.6N 0133038.6W
MOVAS	274333.7N 0164805.0W
NERVO	292018.9N 0153907.2W
ODEGI	265340.5N 0161724.4W
PEPES	303704.0N 0141557.0W
RASEP	284139.0N 0142648.0W
REMGI	270524.7N 0151610.6W
SAMAR	305359.0N 0142456.0W
SARAY	294531.1N 0140926.7W
TESEL	282917.8N 0164959.7W
THAIS	283420.0N 0153104.2W
TFN	283212.6N 0161607.6W
TUPIK	275327.0N 0144444.0W
VASTO	303034.0N 0133422.0W
XORBO	282755.6N 0154809.7W

CRITICAL DME

FACILITY (ID)	FREQ/CH	COORD
LA PALMA (BV)	112.40 MHz / CH 71X	283606.2503N 0174524.3077W
GRAN CANARIA (GDV)	112.90 MHz / CH 76X	280437.6297N 0152542.8143W
EL HIERRO (HR)	113.20 MHz / CH 79X	274857.7924N 0175311.1588W
GRAN CANARIA SUR (LPC)	115.00 MHz / CH 97X	274943.2149N 0152555.9428W
TENERIFE - LOS RODEOS (LRO)	116.20 MHz / CH 109X	282905.2051N 0162105.7582W
LANZAROTE (LZR)	115.20 MHz / CH 99X	290956.4235N 0133039.5777W
TENERIFE NORTE (TFN)	117.70 MHz / CH 124X	283212.8960N 0161607.2059W
TENERIFE SUR (TFS)	116.40 MHz / CH 111X	280008.8191N 0164114.9892W

STANDARD INSTRUMENT DEPARTURES (SID)

RUNWAY 21R

NOTES APPLICABLE TO ALL SID:

- RNAV1.
- SPEED CONTROL:
  a. TMA CANARIAS Speed Adjustment Area: MAX IAS 250 kt at FL100 or below, except military flights on operational or air defense missions or when the operational characteristics do not allow for it.

CONTINGENCY DEPARTURE (ODP.

GCLP ONE DELTA (*GCLP1D)*. TACTICAL USE ONLY. UNPLANNED.

Departing aircraft not approved for RNAV1 operations that are to proceed via an RNAV1-only departure route shall notify Gran Canaria TWR (CLR frequency) by voice and shall be instructed to proceed in accordance with the provisions of this contingency SID.

Climb on magnetic heading 190º up to reach 5000 ft AMSL. Turn following for ATC instructions.

Minimum climb gradient of 6.8% up to 4500 ft.

In case of communication failure, proceed according to the established in section ENR 1.8, item "Air ground Communication Failure" in AIP ESPAÑA.

PROCEDURE TABULAR DESCRIPTION

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
ARACO1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME BV, GDV, HR, LGM, LPC, TFS DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	GDV	-	306 (302.5)	+3.6	12.7	-	-	-	-	RNAV 1
006	TF	ARTEM	-	305 (301.9)	+3.6	37.7	-	-	-	-	RNAV 1
007	TF	LRO	-	289 (285.2)	+3.6	17.4	-	-	-	-	RNAV 1
008	TF	TESEL	-	274 (270.6)	+3.6	25.5	-	-	-	-	RNAV 1
009	TF	ARACO	-	268 (264.3)	+3.6	32.9	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
BIMBO1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to FL150 and wait for further clearance. GNSS required.											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	THAIS	-	320 (316.4)	+3.6	30.3	-	-	-	-	RNAV 1
007	TF	NERVO	-	355 (351.3)	+3.6	46.4	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
008	TF	KASAS	-	355 (351.1)	+3.6	39.3	-	-	-	-	RNAV 1
009	TF	BIMBO	Y	355 (351.0)	+3.6	87.0	-	+FL100	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

COSTI1L
Minimum climb gradient 5% up to LP801.
INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance.
GNSS o (DME/DME/IRU) required;
- DME GDV DEBE ESTAR OPERTIVO //MUST BE OPERATIONAL FOR (DME/DME/IRU).

001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP806	-	083 (079.7)	+3.6	19.4	-	-	-	-	RNAV 1
004	TF	COSTI	Y	115 (111.2)	+3.6	74.0	-	+FL100	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

HIE1N
Minimum climb gradient 5% up to DRANO.
INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance.
GNSS o (DME/DME/IRU) required;
- DME BV, LPC DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).

001	CF	DRANO	-	205 (201.2)	+3.6	-	-	+5200	-	-	RNAV 1
002	TF	HIE	-	278 (274.9)	+3.6	127.1	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

KONBA1N
Minimum climb gradient 5% up to LP801.
INITIAL ATC CLEARANCE: Climb to FL150 and wait for further clearance.
GNSS required.

001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	THAIS	-	320 (316.4)	+3.6	30.3	-	-	-	-	RNAV 1
007	TF	NERVO	-	355 (351.3)	+3.6	46.4	-	-	-	-	RNAV 1
008	TF	KASAS	-	355 (351.1)	+3.6	39.3	-	-	-	-	RNAV 1
009	TF	KONBA	Y	021 (017.0)	+3.6	82.3	-	+FL200	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

KOPUD1D
Minimum climb gradient 5% up to LP801.
INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance.
GNSS o (DME/DME/IRU) required;
- DME GDV DEBE ESTAR OPERTIVO //MUST BE OPERATIONAL FOR (DME/DME/IRU).

001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP806	-	083 (079.7)	+3.6	19.4	-	-	-	-	RNAV 1
004	TF	TUPIK	-	074 (070.8)	+3.6	14.0	-	-	-	-	RNAV 1
005	TF	KOPUD	-	044 (040.2)	+3.6	19.5	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
KORAL1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to FL200 and wait for further clearance. GNSS required.											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	LZR	-	059 (055.6)	+3.6	102.6	-	-	-	-	RNAV 1
007	TF	KORAL	Y	059 (055.1)	+3.6	59.4	-	+FL100	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
LOMAS1D Minimum climb gradient 5% up to DRANO. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required;											
001	CF	DRANO	-	205 (201.2)	+3.6	-	-	+5200	-	-	RNAV 1
002	TF	LOMAS	-	295 (291.6)	+3.6	10.6	-	-	-230	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
MOVAS2D Minimum climb gradient 5% up to DRANO. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME LPC DEBE ESTAR OPERTIVO //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	DRANO	-	205 (201.2)	+3.6	-	-	+5200	-	-	RNAV 1
002	TF	MOVAS	-	277 (273.8)	+3.6	69.1	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
ODEGI1L Minimum climb gradient 5% up to DRANO. Subject to GCD20B and GCD79N/T activity. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME GDV DEBE ESTAR OPERTIVO //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	DRANO	-	205 (201.2)	+3.6	-	-	+5200	-	-	RNAV 1
002	TF	ODEGI	-	226 (222.8)	+3.6	61.9	-	+FL110	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
RASEP1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME GDV, LRO DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP806	-	083 (079.7)	+3.6	19.4	-	-	-	-	RNAV 1
004	TF	TUPIK	-	074 (070.8)	+3.6	14.0	-	-	-	-	RNAV 1
005	TF	RASEP	-	022 (018.2)	+3.6	50.6	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
REMGI1L											
Minimum climb gradient 5% up to LPC.											
Subject to GCD79C/E/N/T activity.											
INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance.											
GNSS o (DME/DME/IRU) required.											
001	CF	LPC	-	205 (201.4)	+3.6	-	-	+1800	-	-	RNAV 1
002	TF	REMGI	-	172 (168.8)	+3.6	45.0	-	+FL100	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
SAMAR1H											
Minimum climb gradient 5% up to LP801.											
INITIAL ATC CLEARANCE: Climb to FL200 and wait for further clearance.											
GNSS o (DME/DME/IRU) required;											
• DME GDV, LPC, LZR, TFN DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	LARYS	-	024 (020.8)	+3.6	42.7	-	-	-	-	RNAV 1
007	TF	PEPES	-	019 (015.7)	+3.6	108.6	-	-	-	-	RNAV 1
008	TF	SAMAR	Y	339 (335.4)	+3.6	18.6	-	+FL200	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
SARAY1D											
Minimum climb gradient 5% up to LP801.											
INITIAL ATC CLEARANCE: Climb to FL200 and wait for further clearance.											
GNSS o (DME/DME/IRU) required;											
• DME GDV, LPC, TFN DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	LARYS	-	024 (020.8)	+3.6	42.7	-	-	-	-	RNAV 1
007	TF	SARAY	-	037 (033.6)	+3.6	63.9	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
TFN1D											
Minimum climb gradient 5% up to LP801.											
INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance.											
GNSS o (DME/DME/IRU) required;											
• DME GDV, LPC, TFS DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	GDV	-	306 (302.5)	+3.6	12.7	-	-	-	-	RNAV 1
006	TF	ARTEM	-	305 (301.9)	+3.6	37.7	-	-	-	-	RNAV 1
007	TF	TFN	-	305 (301.7)	+3.6	14.6	-	-	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
VASTO1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to FL200 and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME GDV, LPC, LZR, TFN DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	LP805	-	025 (021.2)	+3.6	15.5	-	-	-	-	RNAV 1
006	TF	LARYS	-	024 (020.8)	+3.6	42.7	-	-	-	-	RNAV 1
007	TF	SARAY	-	037 (033.6)	+3.6	63.9	-	-	-	-	RNAV 1
008	TF	VASTO	Y	037 (033.9)	+3.6	54.3	-	+FL200	-	-	RNAV 1

Serial number	Path Terminator	Waypoint identifier	Fly-over	Course/Track °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Navegation specification
XORBO1D Minimum climb gradient 5% up to LP801. INITIAL ATC CLEARANCE: Climb to 5000 ft and wait for further clearance. GNSS o (DME/DME/IRU) required; • DME GDV, LPC DEBEN ESTAR OPERTIVOS //MUST BE OPERATIONAL FOR (DME/DME/IRU).											
001	CF	LP801	-	205 (201.1)	+3.6	-	-	+2500	-	-	RNAV 1
002	TF	LP802	-	118 (114.3)	+3.6	5.5	-	-	-	-	RNAV 1
003	TF	LP803	-	042 (038.5)	+3.6	5.8	-	+4300	-	-	RNAV 1
004	TF	LP804	-	025 (021.3)	+3.6	8.5	-	-	-	-	RNAV 1
005	TF	GDV	-	306 (302.5)	+3.6	12.7	-	-	-	-	RNAV 1
006	TF	LP700	-	305 (301.9)	+3.6	8.7	-	-	-	-	RNAV 1
007	TF	XORBO	-	330 (326.4)	+3.6	22.4	-	+FL070	-	-	RNAV 1

CLOSE-IN OBSTACLES

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
GCLP-OBS-00693-006-2024	21R	275453.0N	0152348.9W	54.6	191.5
GCLP-OBS-02446-000-2024	21R	275453.0N	0152349.3W	32.6	168.9
GCLP-OBS-01176-037-2024	21R	275446.3N	0152355.8W	48.9	201.3
GCLP-OBS-00693-007-2024	21R	275446.4N	0152350.9W	53.8	193.0
GCLP-OBS-01176-036-2024	21R	275444.6N	0152356.2W	48.8	202.9
GCLP-OBS-01863-000-2024	21R	275453.2N	0152349.1W	23.9	160.4
GCLP-OBS-01176-035-2024	21R	275442.8N	0152356.5W	48.9	205.0
GCLP-OBS-00730-000-2024	21R	275453.2N	0152347.8W	21.9	156.8
GCLP-OBS-01176-034-2024	21R	275441.1N	0152356.9W	49.1	207.5
GCLP-OBS-01440-000-2024	21R	275436.8N	0152403.9W	46.4	228.9
GCLP-OBS-01176-033-2024	21R	275439.3N	0152357.4W	48.8	210.0
GCLP-OBS-01176-032-2024	21R	275437.5N	0152357.8W	48.8	212.8
GCLP-OBS-00727-000-2024	21R	275450.6N	0152347.3W	28.2	159.4
GCLP-OBS-00097-000-2024	21R	275431.2N	0152403.1W	62.8	236.6
GCLP-OBS-01176-031-2024	21R	275435.8N	0152358.2W	48.7	215.4
GCLP-OBS-01176-030-2024	21R	275434.3N	0152358.7W	49.0	218.0
GCLP-OBS-00985-000-2024	21R	275433.8N	0152404.6W	37.6	223.4
GCLP-OBS-01857-000-2024	21R	275450.7N	0152347.1W	23.2	154.2
GCLP-OBS-01439-000-2024	21R	275443.3N	0152355.9W	30.8	185.2
GCLP-OBS-01176-029-2024	21R	275432.7N	0152359.2W	49.4	219.7
GCLP-OBS-01176-028-2024	21R	275431.3N	0152359.6W	48.9	221.3
GCLP-OBS-00693-008-2024	21R	275440.0N	0152352.7W	37.3	186.5

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
GCLP-OBS-01176-027-2024	21R	275429.4N	0152400.2W	49.8	223.4
GCLP-OBS-00726-000-2024	21R	275450.4N	0152347.6W	20.0	151.5
GCLP-OBS-00729-000-2024	21R	275452.6N	0152345.6W	15.5	143.5
GCLP-OBS-01176-026-2024	21R	275427.5N	0152400.8W	49.6	224.8
GCLP-OBS-02450-000-2024	21R	275449.6N	0152348.4W	19.1	153.0
GCLP-OBS-00908-000-2024	21R	275430.3N	0152356.6W	59.9	212.8
GCLP-OBS-00728-000-2024	21R	275452.2N	0152344.9W	17.6	142.4
GCLP-OBS-00693-009-2024	21R	275434.1N	0152354.5W	48.5	199.4
GCLP-OBS-01862-000-2024	21R	275452.1N	0152345.1W	16.8	142.1
GCLP-OBS-00984-000-2024	21R	275431.0N	0152408.0W	30.3	219.1
GCLP-OBS-00693-011-2024	21R	275427.3N	0152356.4W	60.4	218.5
GCLP-OBS-01176-025-2024	21R	275425.8N	0152401.4W	48.8	225.9
GCLP-OBS-01861-000-2024	21R	275451.6N	0152345.8W	15.6	143.5
GCLP-OBS-01860-000-2024	21R	275451.5N	0152345.9W	14.4	143.1
GCLP-OBS-02452-000-2024	21R	275451.2N	0152346.5W	14.9	144.4
GCLP-OBS-01176-024-2024	21R	275424.1N	0152402.0W	49.6	226.6
GCLP-OBS-02451-000-2024	21R	275450.7N	0152347.2W	14.4	145.6
Terrain	21R	275453.8N	0152349.8W	-	137.9
Terrain	21R	275453.4N	0152350.3W	-	138.9

SIGNIFICANT OBSTACLES

OBS	RWY	LAT	LON	HGT (ft)	ELEV (ft)
GCLP-OBS-01444-001-2024	21R	275430.7N	0152405.4W	71.6	243.7
GCLP-OBS-01444-002-2024	21R	275429.9N	0152402.7W	70.7	242.0
GCLP-OBS-01444-003-2024	21R	275429.0N	0152406.0W	69.4	243.9
GCLP-OBS-01444-004-2024	21R	275428.3N	0152403.3W	70.3	242.1
GCLP-OBS-00798-003-2024	21R	275422.1N	0152413.8W	48.9	259.5
GCLP-OBS-00997-000-2024	21R	275425.7N	0152412.5W	30.3	240.3
GCLP-OBS-00798-002-2024	21R	275419.6N	0152407.0W	51.5	237.0