A CORUÑA

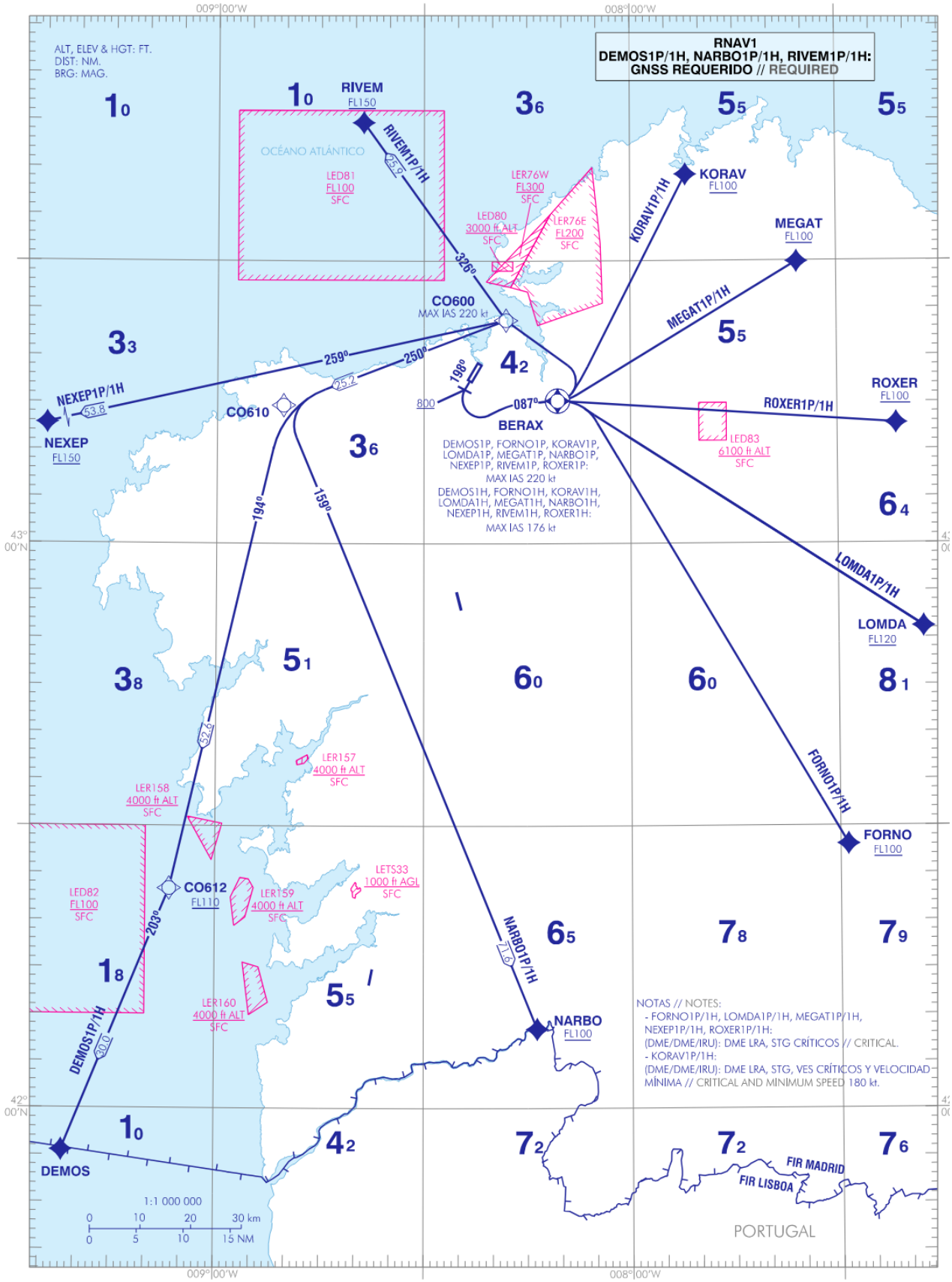
RNAV RWY 21

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

TA 6000 ft
VAR 1°W (2025)

APP 120.200 MHz
TWR 118.305 C

DEMOS1P/1H, LOMDA1P/1H, NEXEP1P/1H, FORNO1P/1H, MEGAT1P/1H, RIVEM1P/1H, KORAV1P/1H, NARBO1P/1H, ROXER1P/1H



REPRINTING.

CHANGES:

WAYPOINTS COORDINATES

WPT	COORD
BERAX	431507.4N 0081036.0W
CO600	432339.6N 0081804.9W
CO610	431439.0N 0085023.0W
CO612	422321.0N 0090633.0W
DEMOS	415532.5N 0092143.2W
FORNO	422805.2N 0072853.3W
KORAV	433911.2N 0075156.1W
LOMDA	425110.1N 0071745.7W
MEGAT	432955.9N 0073547.3W
NARBO	420823.3N 0081341.8W
NEXEP	431156.0N 0092959.3W
RIVEM	434439.6N 0083849.5W
ROXER	431246.8N 0072127.2W

STANDARD INSTRUMENT DEPARTURES (SID)
RUNWAY 21

NOTE APPLICABLES TO ALL SID:

- RNAV1 (except contingency departure).
- SPEED CONTROL:
  - MAX IAS 250 kt to FL100 or below.

CONTINGENCY DEPARTURE (ODP). LECO ONE HOTEL (LECO1H). TACTICAL USE ONLY. UNPLANNABLE.

Departing aircraft without RNAV1 operational clearance to proceed via an RNAV1-only departure routing shall notify to A Coruña TWR by voice and will be instructed to proceed in accordance with the provisions of this contingency departure.

CAT A, B and C: Climb on heading runway up to 840 ft QNH. Turn left to magnetic heading 090° (Turning MAX IAS 176 kt, banking 20°). Climb to 4100 ft or above and wait ATC instructions.

Minimum climb gradient of 7.0% up to 4100 ft.

CAT D: Climb on heading runway up to 840 ft QNH. Turn left to magnetic heading 090° (Turning MAX IAS 205 kt, banking 20°). Climb to 4100 ft or above and wait ATC instructions.

8.3% up to 4100 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

DEMOS1P
Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	CO610	-	250 (249.3)	+1.2	25.2	-	-	-	-	RNAV1

DEMOS1P

Minimum climb gradient of 8.0% up to BERAX.

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
005	TF	CO612	-	194 (193.2)	+1.2	52.6	-	+FL110	-	-	RNAV1
006	TF	DEMOS	-	203 (202.2)	+1.2	30.0	-	-	-	-	RNAV1

DEMOS1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	CO610	-	250 (249.3)	+1.2	25.2	-	-	-	-	RNAV1
005	TF	CO612	-	194 (193.2)	+1.2	52.6	-	+FL110	-	-	RNAV1
006	TF	DEMOS	-	203 (202.2)	+1.2	30.0	-	-	-	-	RNAV1

FORNO1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-220	-	RNAV1
003	DF	FORNO	-	-	+1.2	-	-	+FL100	-	-	RNAV1

FORNO1H

Only available for aircraft CAT A, B and C. Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	FORNO	-	-	+1.2	-	-	+FL100	-	-	RNAV1

KORAV1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-220	-	RNAV1
003	DF	KORAV	-	-	+1.2	-	-	+FL100	-	-	RNAV1

KORAV1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	KORAV	-	-	+1.2	-	-	+FL100	-	-	RNAV1

LOMDA1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-220	-	RNAV1
003	DF	LOMDA	-	-	+1.2	-	-	+FL120	-	-	RNAV1

LOMDA1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	LOMDA	-	-	+1.2	-	-	+FL120	-	-	RNAV1

MEGAT1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-220	-	RNAV1
003	DF	MEGAT	-	-	+1.2	-	-	+FL100	-	-	RNAV1

MEGAT1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	MEGAT	-	-	+1.2	-	-	+FL100	-	-	RNAV1

NARBO1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	CO610	-	250 (249.3)	+1.2	25.2	-	-	-	-	RNAV1
006	TF	NARBO	-	_<_159 (157.6)	+1.2	71.6	-	+FL100	-	-	RNAV1

NARBO1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	CO610	-	250 (249.3)	+1.2	25.2	-	-	-	-	RNAV1
006	TF	NARBO	-	159 (157.6)	+1.2	71.6	-	+FL100	-	-	RNAV1

NEXEP1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	NEXEP	-	259 (257.8)	+1.2	53.8	-	+FL150	-	-	RNAV1

NEXEP1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to BERAX

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	NEXEP	-	259 (257.8)	+1.2	53.8	-	+FL150	-	-	RNAV1

RIVEM1P

Minimum climb gradient of 8.0% up to CO600.
Subject to LED81 activity.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	RIVEM	-	326 (324.4)	+1.2	25.9	-	+FL150	-	-	RNAV1

RIVEM1H

Only available for aircraft CAT A, B and C.
Minimum climb gradient of 7.0% up to CO600.
Subject to LED81 activity.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	CO600	-	-	+1.2	-	L	-	-220	-	RNAV1
004	TF	RIVEM	-	326 (324.4)	+1.2	25.9	-	+FL150	-	-	RNAV1

ROXER1P

Minimum climb gradient of 8.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-220	-	RNAV1
003	DF	ROXER	-	-	+1.2	-	-	+FL100	-	-	RNAV1

ROXER1H RANV1

Only available for aircraft CAT A, B and C.

Minimum climb gradient of 7.0% up to BERAX.

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
001	CA	-	-	198 (197.0)	+1.2	-	-	+800	-	-	RNAV1
002	CF	BERAX	Y	087 (086.0)	+1.2	-	-	-	-176	-	RNAV1
003	DF	ROXER	-	-	+1.2	-	-	+FL100	-	-	RNAV1

CLOSE-IN OBSTACLES

TYPE OF OBSTACLE	LATITUDE	LONGITUDE	ELEVATION (ft)	HEIGHT (ft)
Building	431700.6N	0082343.7W	435.6	23.3
Obstacle light	431700.6N	0082343.8W	436.9	23.5
Building	431659.2N	0082343.6W	443.0	31.4
Tree	431651.3N	0082343.7W	466.0	67.7
Chimney	431654.5N	0082341.0W	440.3	30.3
Antenna	431654.5N	0082341.0W	442.3	32.3
Vegetation	431636.0N	0082315.9W	480.2	63.3
Vegetation	431634.8N	0082323.1W	479.2	78.9
Vegetation	431637.0N	0082322.2W	474.8	93.4
Vegetation	431637.5N	0082322.6W	476.9	110.5
Tree	431636.5N	0082319.2W	477.5	63.2
Lamp post	431704.6N	0082344.5W	419.8	36.9
Tree	431701.2N	0082340.5W	453.0	57.6
Vegetation	431701.7N	0082340.7W	463.6	68.1
Fence	431701.4N	0082342.1W	425.2	16.9
Vegetation	431652.5N	0082336.7W	452.2	73.9
Tree	431652.7N	0082334.8W	473.4	105.8
Tree	431654.8N	0082335.0W	489.0	69.7
Fence	431655.3N	0082337.3W	436.0	6.0
Fence	431655.9N	0082337.0W	444.1	5.5
Tree	431706.7N	0082316.2W	403.9	97.5
Tree	431703.8N	0082317.0W	463.2	92.9
Tree	431704.3N	0082317.1W	457.0	88.3
Tree	431708.7N	0082318.6W	403.5	85.9
Terrain	431701.1N	0082321.4W	428.3	0.0
Terrain	431700.1N	0082325.7W	428.2	0.0
Vegetation	431637.8N	0082314.8W	485.2	56.3
Electricity pylon	431657.8N	0082342.4W	454.4	42.3
Electricity pylon	431657.3N	0082337.4W	460.8	43.0
Electricity pylon	431708.6N	0082325.5W	396.1	57.5
Vegetation	431701.5N	0082336.0W	432.2	77.3
Tree	431703.1N	0082314.1W	465.0	125.7
Tree	431713.9N	0082331.3W	407.3	130.9
Tree	431707.2N	0082339.0W	429.2	119.5
Tree	431714.9N	0082329.8W	395.4	125.4
Tree	431708.2N	0082318.8W	405.4	76.8
Tree	431706.5N	0082318.3W	423.4	81.0
Vegetation	431702.9N	0082315.9W	464.5	98.7
Vegetation	431636.3N	0082315.4W	482.8	65.5
Tree	431700.1N	0082337.3W	450.6	85.1
Tree	431658.6N	0082337.0W	475.2	55.2
Tree	431653.6N	0082336.7W	470.8	71.7

TYPE OF OBSTACLE	LATITUDE	LONGITUDE	ELEVATION (ft)	HEIGHT (ft)
Tree	431654.4N	0082340.3W	461.4	48.8
Tree	431654.2N	0082352.9W	472.0	35.4
Tree	431702.6N	0082341.6W	450.3	73.0
Tree	431713.6N	0082331.4W	405.0	130.7
Tree	431705.7N	0082318.0W	435.1	76.5
Tree	431644.5N	0082404.7W	479.9	47.6
Tree	431637.1N	0082337.0W	478.8	69.7
Tree	431708.7N	0082318.5W	413.6	96.9
Tree	431708.3N	0082319.1W	406.9	77.3
Tree	431650.0N	0082345.6W	463.2	66.1
Tree	431654.4N	0082344.0W	471.3	61.5
Tree	431654.7N	0082348.6W	493.7	69.3
Tree	431655.2N	0082350.1W	488.5	61.3
Tree	431703.9N	0082333.8W	420.6	82.9
Tree	431655.2N	0082336.8W	478.6	44.0
Tree	431654.7N	0082339.8W	464.3	87.9
Tree	431653.6N	0082341.2W	450.0	46.3
Tree	431648.1N	0082405.7W	480.9	30.4
Tree	431700.2N	0082337.3W	451.0	82.4
Tree	431658.9N	0082336.4W	476.1	57.6
Tree	431708.4N	0082319.0W	410.0	72.2
Tree	431703.8N	0082316.9W	463.8	90.9
Tree	431703.8N	0082316.1W	465.7	108.0
Tree	431703.2N	0082314.2W	465.6	129.8
Tree	431702.5N	0082311.8W	420.4	75.3
Terrain	431659.9N	0082324.4W	430.5	0
Terrain	431704.9N	0082322.2W	413.4	0
Terrain	431658.0N	0082331.8W	433.1	0
Terrain	431656.5N	0082336.4W	433.6	0
Terrain	431700.9N	0082356.4W	445.4	0
Terrain	431655.2N	0082400.3W	462.6	0
Terrain	431649.3N	0082407.6W	475.7	0

SIGNIFICANT OBSTACLES

TIPO OBSTÁCULO	LATITUD	LONGITUD	ELEVACIÓN (ft)	ALTURA (ft)
Tree	431652.5N	0082351.5W	546.8	109.1
Tree	431653.4N	0082351.3W	536.8	100.7
Tree	431656.4N	0082402.6W	527.9	85.5
Tree	431659.9N	0082357.8W	514.1	62.5
Tree	431638.6N	0082317.5W	515.0	109.7
Tree	431638.0N	0082316.4W	515.9	86.7
Telecommunication antenna	431356.5N	0082431.0W	1828.1	145.5
Telecommunication antenna	431356.3N	0082432.8W	1796.8	124.6
Telecommunication antenna	431358.3N	0082430.1W	1759.9	92.8
Vegetation	431356.8N	0082415.5W	1701.4	73.3
Vegetation	431355.5N	0082415.8W	1697.1	62.0
Terrain	431357.1N	0082430.8W	1686.4	0
Terrain	431359.4N	0082428.4W	1644.4	0
Tree	431508.4N	0082230.2W	948.6	115.6
Terrain	431401.2N	0082405.1W	1497.1	0