



BOGOTA / ELDORADO  
SKBO / IAC1 ILS Y 13L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°/0'0.00"	LONGITUDE (WEST) 0°/0'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNAV 1
TF	LOBEV	WP	04°52'47.6400"	074°22'19.9850"	FB	134° (127.0°)	X	3.3	X	13000 AT	X	X	RNAV 1
IF	LOBEV (FACF)	WP	04°52'47.6400"	074°22'19.9850"	FB	134° (127.0°)	X	X	X	13000 I	X	X	RNAV 1
TF	BO613 (FAF)	WP	04°51'31.3950"	074°20'39.1360"	FB	134° (127.0°)	X	2.1	X	13000 G	185	X	RNAV 1
TF	RW13L (*)	RWY	04°42'48.2210"	074°09'07.4590"	FO	134° (127.0°)	X	14.4	X	8410 AT	X	-3°	X
TF	BO690	WP	04°40'15.9470"	074°05'46.2420"	FB	134° (127.0°)	X	4.2	X	X	185	X	RNAV 1
TF	BO692	WP	04°43'42.9170"	074°03'10.6250"	FB	044° (037.0°)	X	4.3	X	X	X	X	RNAV 1
TF	BO694	WP	04°49'21.7570"	074°03'57.9070"	FB	359° (352.0°)	X	5.7	X	X	230	X	RNAV 1
TF	BO695	WP	04°58'39.5800"	074°17'11.8100"	FB	312° (305.0°)	X	16.1	X	12000 AT	X	X	RNAV 1
TF	PULDI	WP	05°02'27.2430"	074°22'35.8260"	FB	312° (305.0°)	X	6.6	X	X	250	X	RNAV 1
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	204° (197.0°)	X	8.0	X	13000 AT	215	X	RNAV 1
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNAV 1

\* for coding purpose only.

BOGOTA / ELDORADO  
SKBO / IAC1 LOC Y 13L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°/0'0.00"	LONGITUDE (WEST) 0°/0'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNAV 1
TF	LOBEV	WP	04°52'47.6400"	074°22'19.9850"	FB	134° (127.0°)	X	3.3	X	13000 AT	X	X	RNAV 1
IF	LOBEV (FACF)	WP	04°52'47.6400"	074°22'19.9850"	FB	134° (127.0°)	X	X	X	13000 I	X	X	RNAV 1
TF	BO613 (FAF)	WP	04°51'31.3950"	074°20'39.1360"	FB	134° (127.0°)	X	2.1	X	13000 G	185	X	RNAV 1
TF	SDF	WP	04°47'23.3100"	074°15'11.14"	FB	134° (127.0°)	X	6.8	X	10830+	X	-3°	RNAV 1
TF	RW13L (MAPt)	RWY	04°42'48.2210"	074°09'07.4590"	FO	134° (127.0°)	X	7.6	X	8410 AT	X	-3°	X
TF	BO690	WP	04°40'15.9470"	074°05'46.2420"	FB	134° (127.0°)	X	4.2	X	X	185	X	RNAV 1
TF	BO692	WP	04°43'42.9170"	074°03'10.6250"	FB	044° (037.0°)	X	4.3	X	X	X	X	RNAV 1
TF	BO694	WP	04°49'21.7570"	074°03'57.9070"	FB	359° (352.0°)	X	5.7	X	X	230	X	RNAV 1
TF	BO695	WP	04°58'39.5800"	074°17'11.8100"	FB	312° (305.0°)	X	16.1	X	12000 AT	X	X	RNAV 1
TF	PULDI	WP	05°02'27.2430"	074°22'35.8260"	FB	312° (305.0°)	X	6.6	X	X	250	X	RNAV 1
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	204° (197.0°)	X	8.0	X	13000 AT	215	X	RNAV 1
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNAV 1

## VAR: 0°8.3'W/Año



BOGOTA / ELDORADO  
SKBO / IAC2 RNAV (GNSS) RWY 13L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°'0'0,00"	LONGITUDE (WEST) 0°'0'0,00"	FB FO	ORIENTATION M° (I°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNP APCH
TF	LOBEV	WP	04°52'47.6400"	074°22'19.9850"	FB	134° (127.0°)	X	3.3	X	X	X	X	RNP APCH
TF	BO613 (FAF)	WP	04°51'31.3950"	074°20'39.1360"	FB	134° (127.0°)	X	2.1	X	13000 AT	185	X	RNP APCH
TF	SDF (LNAV)	WP	04°46'38.2080"	074°14'11.5330"	FB	134° (127.0°)	X	8.1	X	10420+	X	-3°	RNP APCH
TF	RW13L (MAPt)	RWY	04°42'48.2210"	074°09'07.4590"	FO	134° (127.0°)	X	6.3	X	8410 AT	X	-3°	RNP APCH
TF	BO690	WP	04°40'15.9470"	074°05'46.2420"	FB	134° (127.0°)	X	4.2	X	X	185	X	RNP APCH
TF	BO692	WP	04°43'42.9170"	074°03'10.6250"	FB	044° (037.0°)	X	4.3	X	X	X	X	RNP APCH
TF	BO694	WP	04°49'21.7570"	074°03'57.9070"	FB	359° (352.0°)	X	5.7	X	X	230	X	RNP APCH
TF	BO695	WP	04°58'39.5800"	074°17'11.8100"	FB	312° (305.0°)	X	16.1	X	12000 AT	X	X	RNP APCH
TF	PULDI	WP	05°02'27.2430"	074°22'35.8260"	FB	312° (305.0°)	X	6.6	X	X	250	X	RNP APCH
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	204° (197.0°)	X	8.0	X	13000 AT	215	X	RNP APCH
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNP APCH

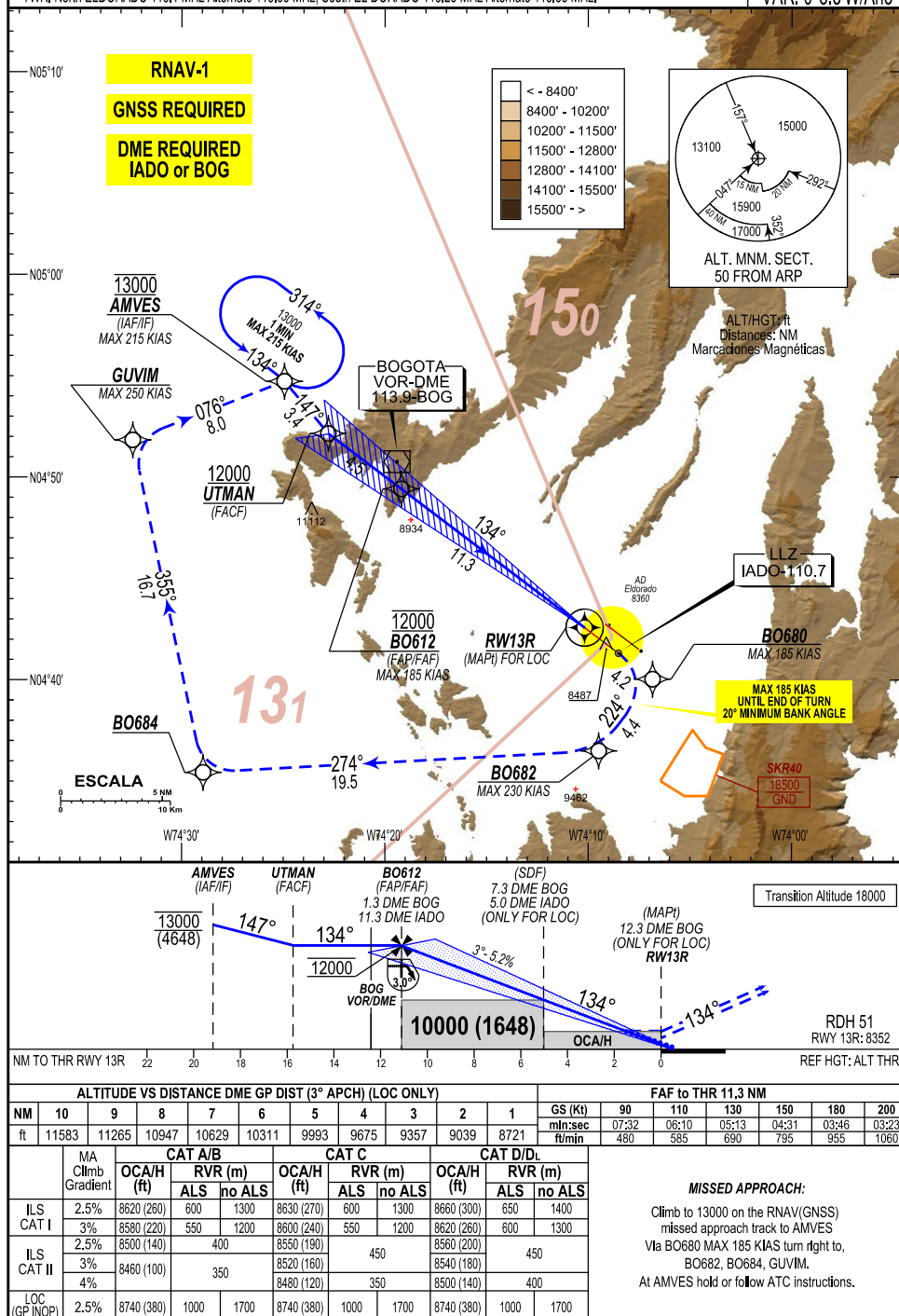


## IAC RNAV

APROXIMACION POR INSTRUMENTOS OACI

ICAO INSTRUMENT APPROACH

ALT. AD: 8360, THR 13 R: 8352 (270 hPa)

BOGOTA  
ELDORADO  
CAT: A/B/C/D  
ILS Y or LOC Y RWY 13R (CAT I and CAT II)APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.DECL/ARP/EDR  
7° W/17  
VAR: 0°8.3'W/año

**BOGOTA / ELDORADO**  
**SKBO / IAC3 ILS Y 13R (CAT I and CAT II)**

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0° 0' 0,00"	LONGITUDE (WEST) 0° 0' 0,00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNAV 1
TF	UTMAN	WP	04°52'11.4590"	074°22'46.7700"	FB	147° (139.9°)	X	3.4	X	12000 +	X	X	RNAV 1
IF	UTMAN (FACF)	WP	04°52'11.4590"	074°22'46.7700"	FB	147° (139.9°)	X	X	X	12000 J	X	X	RNAV 1
TF	BO612 (FAF)	WP	04°49'27.9960"	074°19'10.7760"	FB	134° (127.0°)	X	4.5	X	12000 G	185	X	RNAV 1
TF	RW13R (MAPt *)	RWY	04°42'37.7820"	074°10'08.9700"	FO	134° (127.0°)	X	11.3	X	8403 AT	X	-3°	X
TF	BO680	WP	04°40'05.4220"	074°06'47.8190"	FB	134° (127.0°)	X	4.2	X	X	185	X	RNAV 1
TF	BO682	WP	04°36'33.5250"	074°09'27.2440"	FB	224° (217.0°)	X	4.4	X	X	230	X	RNAV 1
TF	BO684	WP	04°35'29.9610"	074°28'57.2850"	FB	274° (264.0°)	X	19.5	X	X	X	X	RNAV 1
TF	GUVIM	WP	04°51'53.0950"	074°32'25.3750"	FB	355° (348.0°)	X	16.7	X	X	250	X	RNAV 1
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	076° (069.0°)	X	8.0	X	13000 AT	215	X	RNAV 1
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNAV 1

\* MAPt for coding purpose only.

**BOGOTA / ELDORADO**  
**SKBO / IAC3 LOC Y 13R**

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0° 0' 0,00"	LONGITUDE (WEST) 0° 0' 0,00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNAV 1
TF	UTMAN	WP	04°52'11.4590"	074°22'46.7700"	FB	147° (139.9°)	X	3.4	X	12000 +	X	X	RNAV 1
IF	UTMAN (FACF)	WP	04°52'11.4590"	074°22'46.7700"	FB	147° (139.9°)	X	X	X	12000 J	X	X	RNAV 1
TF	BO612 (FAF)	WP	04°49'27.9960"	074°19'10.7760"	FB	134° (127.0°)	X	4.5	X	12000 G	185	X	RNAV 1
TF	SDF (LNAV)	WP	04°45'38.855"	074°14'08.1600"	FB	134° (127.0°)	X	5.0	X	10000 +	185	-3°	RNAV 1
TF	RW13R (MAPt *)	RWY	04°42'37.7820"	074°10'08.9700"	FO	134° (127.0°)	X	6.3	X	8403 AT	X	-3°	X
TF	BO680	WP	04°40'05.4220"	074°06'47.8190"	FB	134° (127.0°)	X	4.2	X	X	185	X	RNAV 1
TF	BO682	WP	04°36'33.5250"	074°09'27.2440"	FB	224° (217.0°)	X	4.4	X	X	230	X	RNAV 1
TF	BO684	WP	04°35'29.9610"	074°28'57.2850"	FB	274° (264.0°)	X	19.5	X	X	X	X	RNAV 1
TF	GUVIM	WP	04°51'53.0950"	074°32'25.3750"	FB	355° (348.0°)	X	16.7	X	X	250	X	RNAV 1
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	076° (069.0°)	X	8.0	X	13000 AT	215	X	RNAV 1
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNAV 1

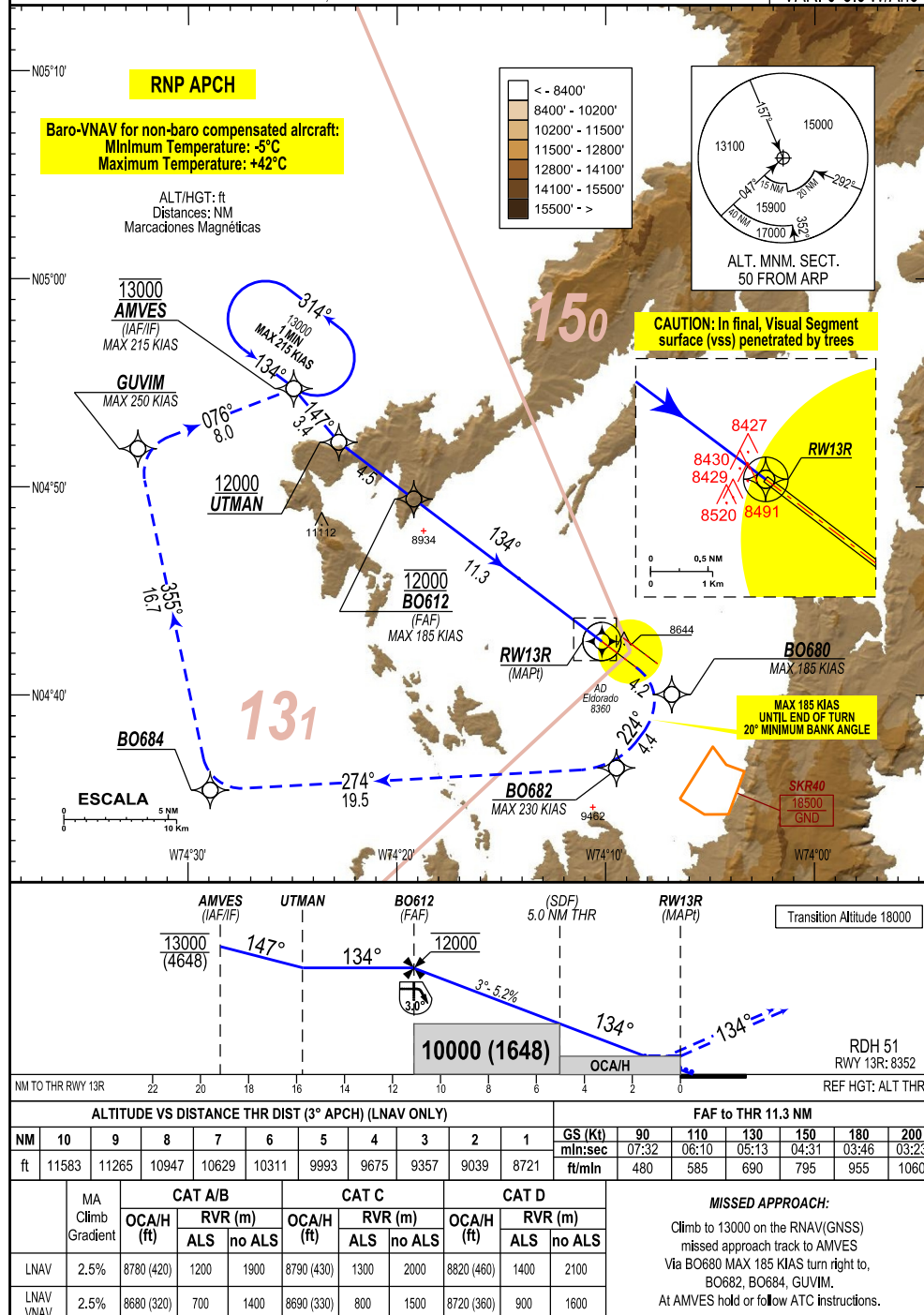
\* MAPt for coding purpose only.

## IAC RNAV

APROXIMACION POR INSTRUMENTOS OACI

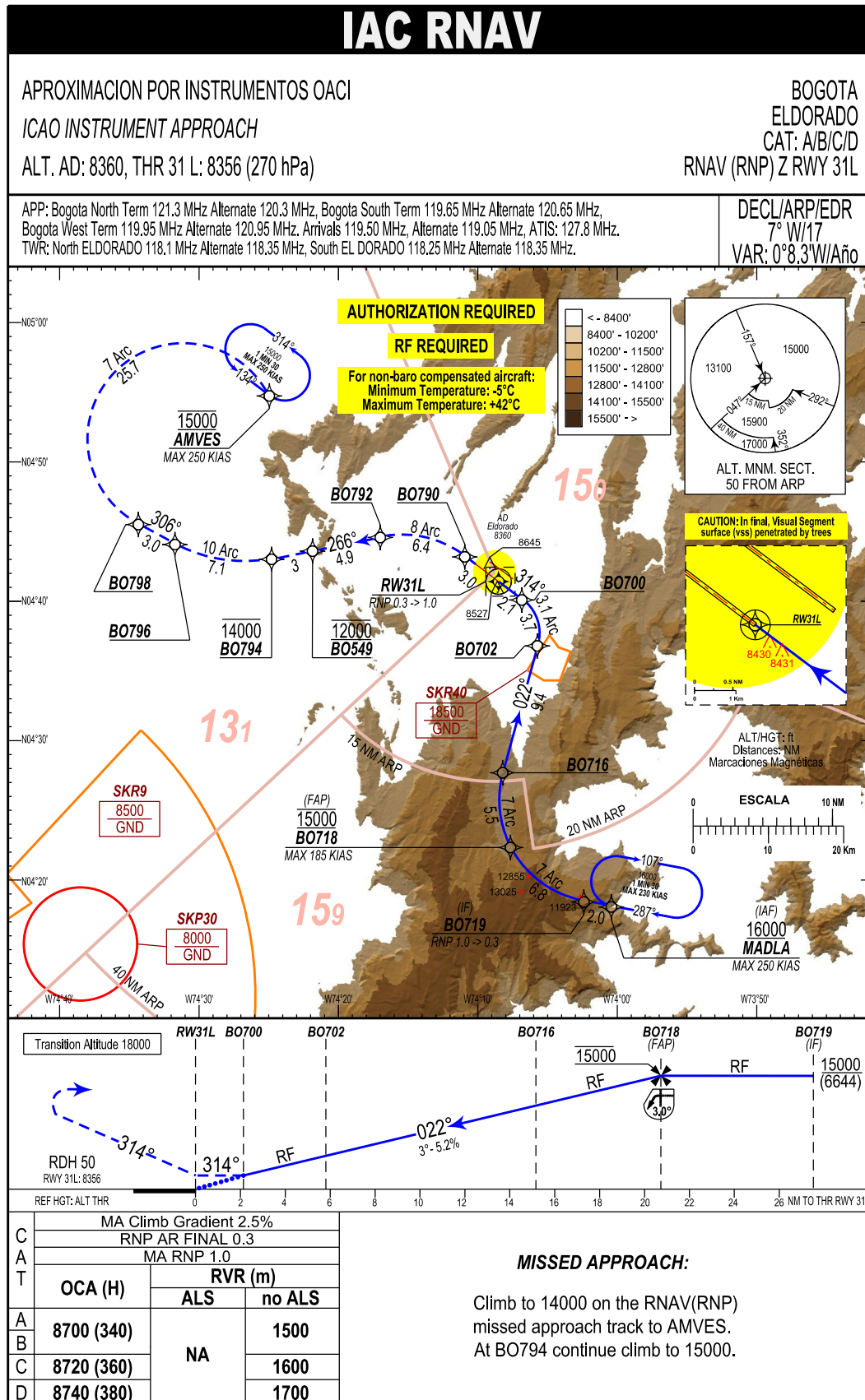
ICAO INSTRUMENT APPROACH

ALT. AD: 8360, THR 13 R: 8352 (270 hPa)

BOGOTA  
ELDORADO  
CAT: A/B/C/D  
RNAV (GNSS) RWY 13RAPP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.DECL/ARP/EDR  
7° W/17  
VAR: 0°08.3'W/Año

BOGOTA / ELDORADO  
SKBO / IAC4 RNAV (GNSS) RWY 13R

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°/0'/0.00"	LONGITUDE (WEST) 0°/0'/0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF
IF	AMVES (IAF/IF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	13000 AT	215	X	RNAV 1
TF	UTMAN	WP	04°52'11.4590"	074°22'46.7700"	FB	147° (139.9°)	X	3.4	X	12000 +	X	X	RNAV 1
TF	BO612 (FAF)	WP	04°49'27.9960"	074°19'10.7760"	FB	134° (127.0°)	X	4.5	X	12000 AT	185	X	RNAV 1
TF	SDF (LNAV)	WP	04°45'38.855"	074°14'08.1600"	FB	134° (127.0°)	X	5.0	X	10000 +	185	-3°	RNAV 1
TF	RW13R (MAPt )	RWY	04°42'37.7820"	074°10'08.9700"	FO	134° (127.0°)	X	6.3	X	8403 AT	X	-3°	X
TF	BO680	WP	04°40'05.4220"	074°06'47.8190"	FB	134° (127.1°)	X	4.2	X	X	185	X	RNAV 1
TF	BO682	WP	04°36'33.5250"	074°09'27.2440"	FB	224° (217.1°)	X	4.4	X	X	230	X	RNAV 1
TF	BO684	WP	04°35'29.9610"	074°28'57.2850"	FB	274° (266.9°)	X	19.5	X	X	X	X	RNAV 1
TF	GUVIM	WP	04°51'53.0950"	074°32'25.3750"	FB	355° (348.0°)	X	16.7	X	X	250	X	RNAV 1
TF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	076° (069.0°)	X	8.0	X	13000 AT	215	X	RNAV 1
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	60	X	L	13000 AT	215	X	RNAV 1



BOGOTA / ELDORADO  
SKBO / IAC5 RNAV (RNP) Z RWY 31L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°07'00.00"	LONGITUDE (WEST) 0°07'00.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (Kts)	VPA	NAV PERF	ARC CENTER ID	LATITUDE (NORTH) 0°07'00.00"	LONGITUDE (WEST) 0°07'00.00"	RADIUS val (NM)
IF	MADLA (IAF)	WP	04°18'03.3390"	074°00'23.2390"	FB	X	X	X	X	16000 +	250	X	RNP AR 1	X	X	X	X
TF	BO719	WP	04°18'24.8020"	074°02'21.4420"	FB	287° (280.3°)	X	2.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO718 (FAF)	WP	04°22'19.7560"	074°07'37.6070"	FB	340° (332.8°)	X	6.8	R	15000 AT	185	X	RNP AR 0.3	BOC63	04°25'43.8440"	074°01'02.3310"	7.400
RF	BO716	WP	04°27'41.8220"	074°08'11.0410"	FB	022° (015.3°)	X	5.5	R	X	X	-3°	RNP AR 0.3	BOC63	04°25'43.8440"	074°01'02.3310"	7.400
TF	BO702	WP	04°36'48.3890"	074°05'41.7620"	FB	022° (015.3°)	X	9.4	X	X	X	-3°	RNP AR 0.3	X	X	X	X
RF	BO700	WP	04°40'06.2630"	074°06'48.9300"	FB	314° (307.1°)	X	3.7	L	X	X	-3°	RNP AR 0.3	BOC61	04°37'37.6200"	074°08'40.7710"	3.089
TF	RW31L (MAPt)	RWY	04°41'23.2780"	074°08'30.6020"	FO	314° (307.1°)	X	2.1	X	8405 AT	X	-3°	RNP AR 0.3	X	X	X	X
TF	BO790	WP	04°43'12.2550"	074°10'54.4890"	FB	314° (307.1°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO792	WP	04°44'35.6910"	074°16'58.3840"	FB	266° (258.7°)	X	6.4	L	X	X	X	RNP AR 1	BOC64	04°37'07.2270"	074°15'29.0750"	7.585
TF	BO549	WP	04°43'38.1579"	074°21'50.5075"	FB	266° (258.7°)	X	4.9	X	12000 AT	X	X	RNP AR 1	X	X	X	X
TF	BO794	WP	04°43'01.7390"	074°24'46.7920"	FB	266° (258.7°)	X	3.0	X	14000 -	X	X	RNP AR 1	X	X	X	X
RF	BO796	WP	04°44'05.2090"	074°31'42.8610"	FB	306° (298.6°)	X	7.1	R	X	X	X	RNP AR 1	BOC65	04°53'08.1210"	074°26'47.7150"	10.257
TF	BO798	WP	04°45'31.5090"	074°34'20.6330"	FB	306° (298.6°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	160° (152.6°)	X	25.7	R	15000 AT	250	X	RNP AR 1	BOC66	04°51'35.1720"	074°31'02.9740"	6.870
HMI	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	90	X	L	15000 AT	250	X	X	X	X	X	X

# IAC RNAV

APROXIMACION POR INSTRUMENTOS OACI

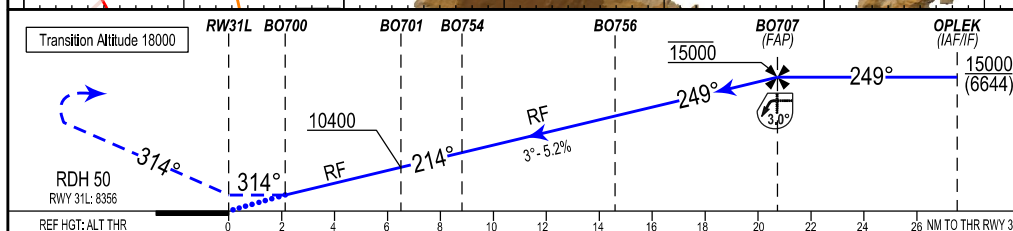
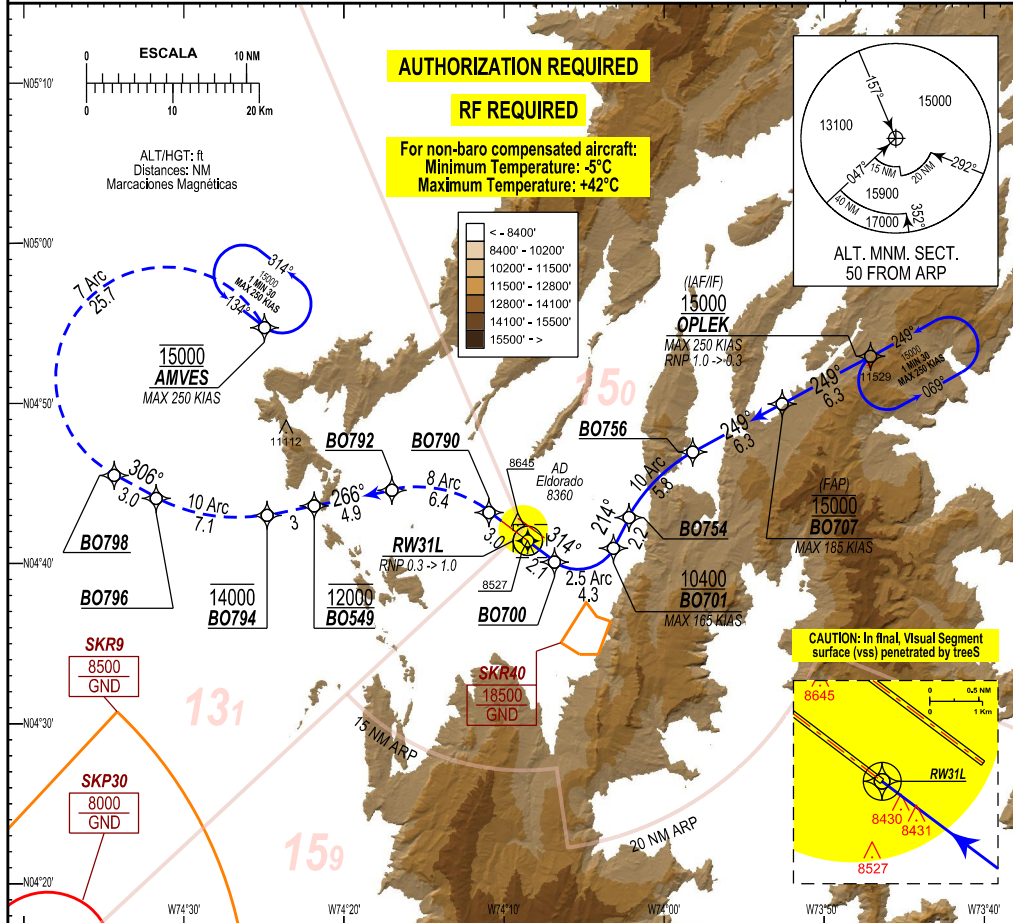
ICAO INSTRUMENT APPROACH

ALT. AD: 8360, THR 31 L: 8356 (270 hPa)

BOGOTA  
ELDORADO  
CAT: A/B/C/D  
RNAV (RNP) Y RWY 31L

APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.

DECL/ARP/EDR  
7° W/17  
VAR: 0°8.3'W/Año



C A T	MA Climb Gradient 2.5%		
	RNP AR FINAL 0.3		
	MA RNP 1.0		
	OCA (H)	RVR (m)	
		ALS	no ALS
A	8700 (340)	NA	1500
B	8720 (360)		1600
C	8740 (380)		1700
D			

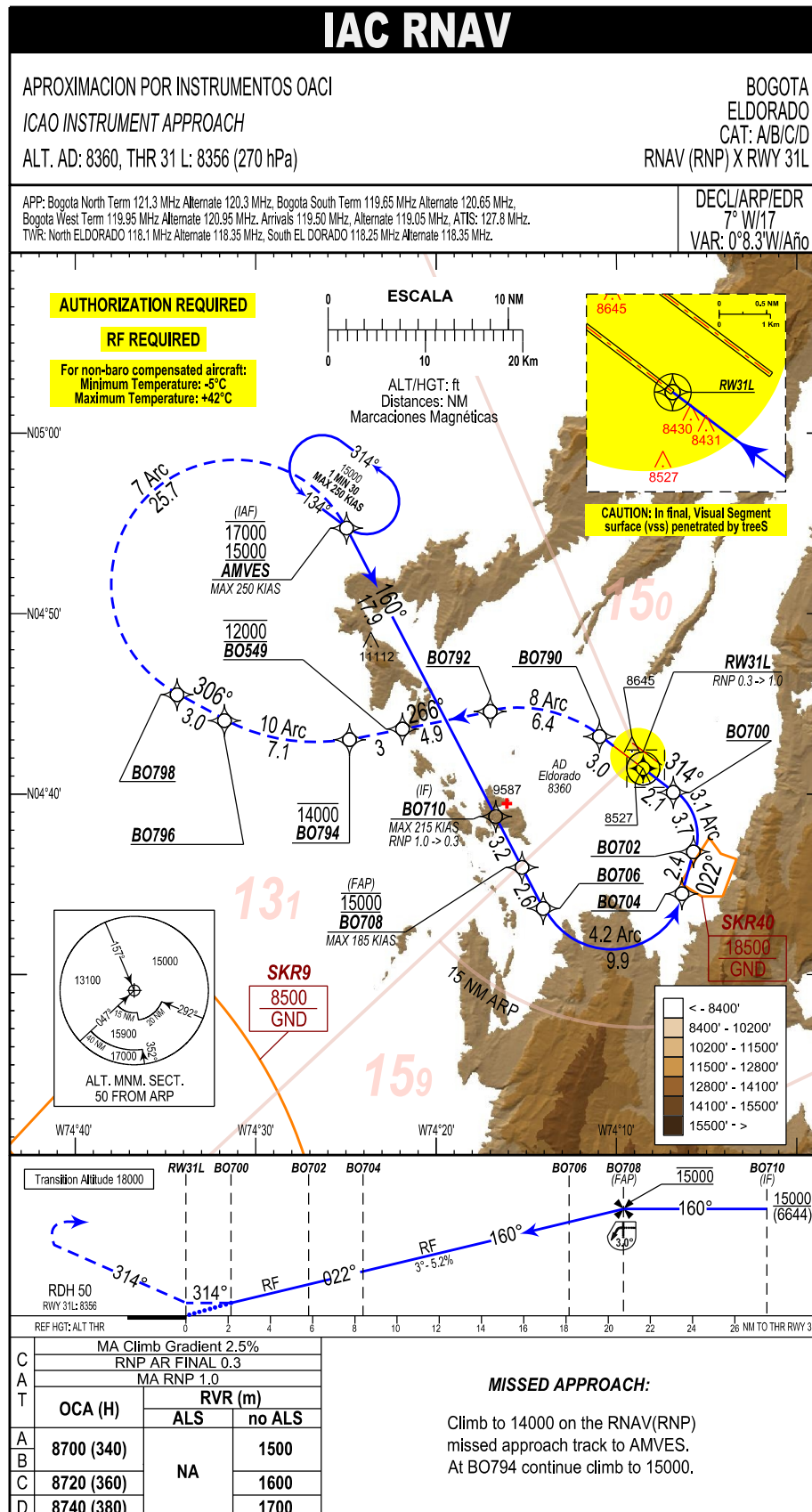
## MISSED APPROACH:

Climb to 14000 on the RNAV(RNP)  
missed approach track to AMVES.  
At BO794 continue climb to 15000.



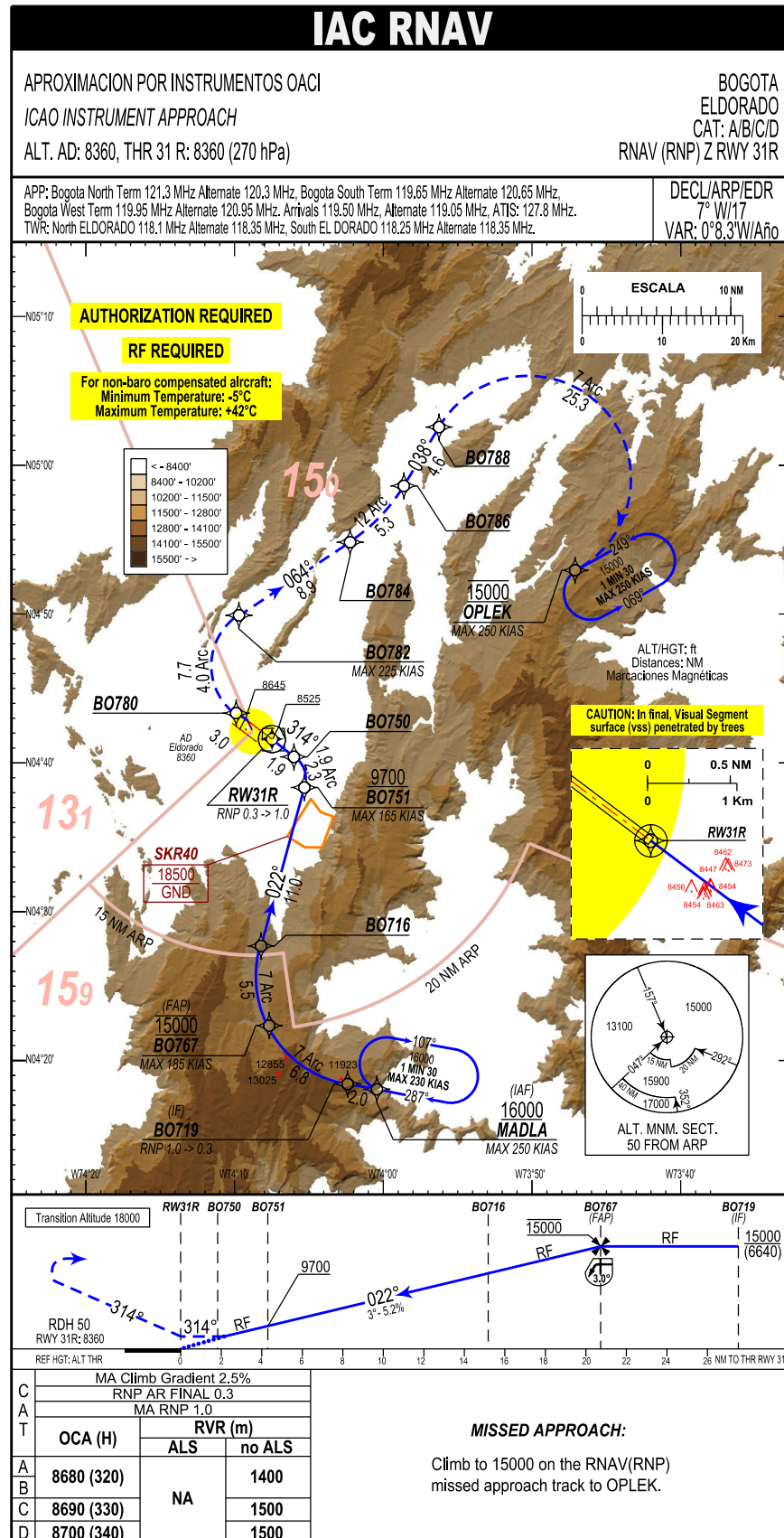
BOGOTA / ELDORADO  
SKBO / IAC6 RNAV (RNP) Y RWY 31L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE AT / - / B + / -	SPEED LIMIT (Kts)	VPA	NAV PERF	ARC CENTER ID	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	RADIUS val (NM)
IF	OPLK (IAF/IF)	WP	04°52'58.1320"	073°47'02.8700"	FB	X	X	X	X	15000 +	250	X	RNP AR 1	X	X	X	X
TF	BO707 (FAF)	WP	04°49'59.4900"	073°52'34.6300"	FB	249° (241.8°)	X	6.3	X	15000 AT	185	X	RNP AR 0.3	X	X	X	X
TF	BO756	WP	04°46'58.9000"	073°58'09.8740"	FB	249° (241.8°)	X	6.3	X	X	X	-3	RNP AR 0.3	X	X	X	X
RF	BO754	WP	04°42'53.3540"	074°02'08.9130"	FB	214° (206.9°)	X	5.8	L	X	X	-3	RNP AR 0.3	BOC52	04°38'34.2830"	073°53'39.7780"	9.500
TF	BO701	WP	04°40'57.7190"	074°03'07.3480"	FB	214° (206.9°)	X	2.2	X	10400 +	165	-3	RNP AR 0.3	X	X	X	X
RF	BO700	WP	04°40'06.2630"	074°06'48.9300"	FB	314° (307.1°)	X	4.3	R	X	X	-3	RNP AR 0.3	BOC60	04°42'04.9830"	074°05'19.5910"	2.467
TF	RW31L (MAPt)	RWY	04°41'23.2780"	074°08'30.6020"	FO	314° (307.1°)	X	2.1	X	8405 AT	X	-3	RNP AR 0.3	X	X	X	X
TF	BO790	WP	04°43'12.2550"	074°10'54.4890"	FB	314° (307.1°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
TF	BO792	WP	04°44'35.6910"	074°16'58.3840"	FB	266° (258.7°)	X	6.4	L	X	X	X	RNP AR 1	BOC64	04°37'07.2270"	074°15'29.0750"	7.585
TF	BO549	WP	04°43'38.1579"	074°21'50.5075"	FB	266° (258.7°)	X	4.9	X	12000 AT	X	X	RNP AR 1	X	X	X	X
TF	BO794	WP	04°43'01.7390"	074°24'46.7920"	FB	266° (258.7°)	X	3.0	X	14000 -	X	X	RNP AR 1	X	X	X	X
RF	BO796	WP	04°44'05.2090"	074°31'42.8610"	FB	306° (298.6°)	X	7.1	R	X	X	X	RNP AR 1	BOC65	04°53'08.1210"	074°26'47.7150"	10.257
TF	BO798	WP	04°45'31.5090"	074°34'20.6330"	FB	306° (298.6°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	160° (152.6°)	X	25.7	R	15000 AT	250	X	RNP AR 1	BOC66	04°51'35.1720"	074°31'02.9740"	6.870
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	90	X	L	15000 AT	250	X	X	X	X	X	X



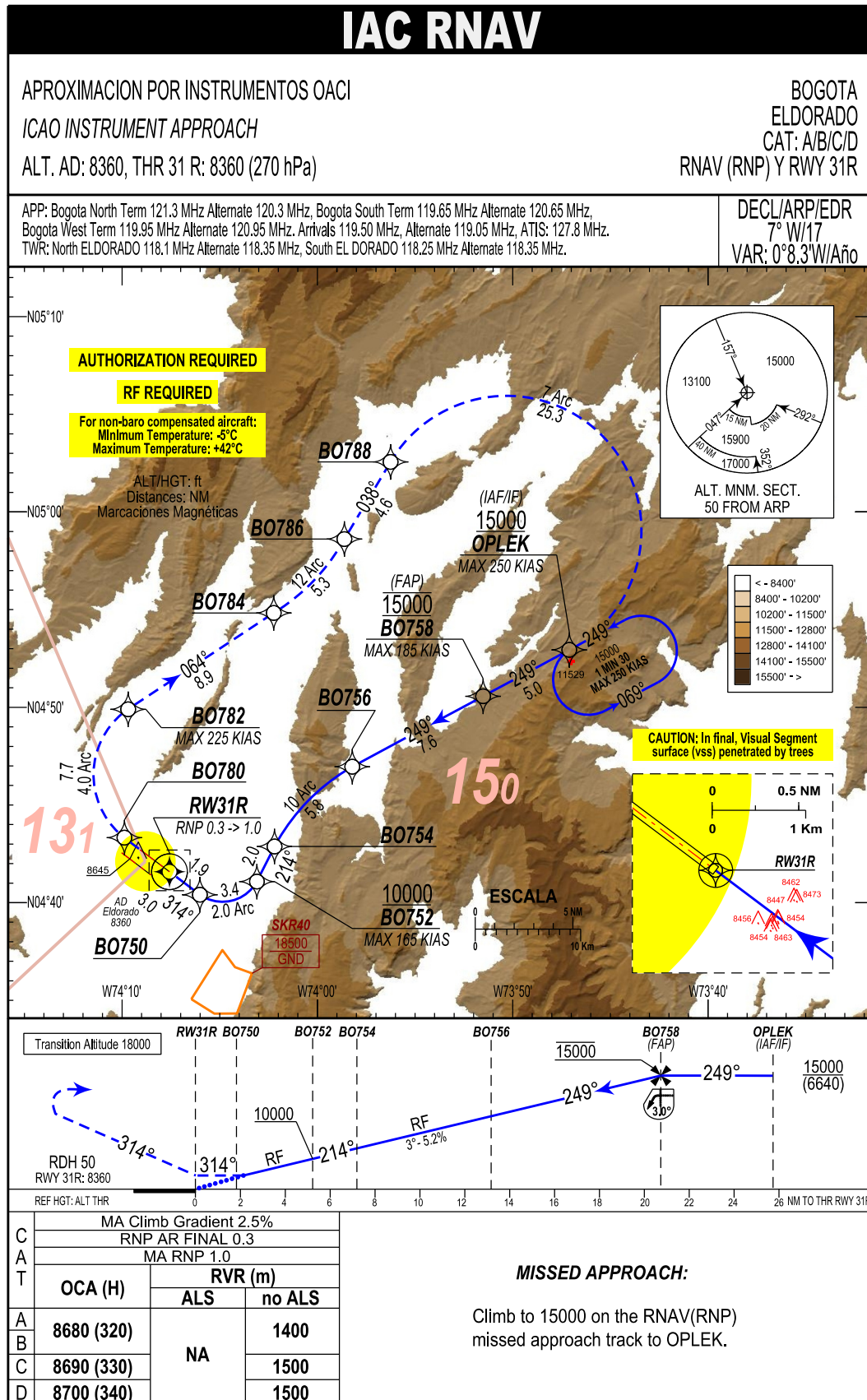
BOGOTA / ELDORADO  
SKBO / IAC7 RNAV (RNP) X RWY 31L

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE +/- AT / - / B	SPEED LIMIT (Kts)	VPA	NAV PERE	ARC CENTER ID	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	RADIUS val (NM)
IF	AMVES (IAF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	15000 / 17000 B	250	X	RNP AR 1	X	X	X	X
TF	BO710 (IF)	WP	04°38'46.0280"	074°16'39.9870"	FB	160° (152.6°)	X	17.9	X	X	215	X	RNP AR 1	X	X	X	X
TF	BO708 (FAF)	WP	04°35'56.4730"	074°15'12.3430"	FB	160° (152.6°)	X	3.2	X	15000 AT	185	X	RNP AR 0.3	X	X	X	X
TF	BO706	WP	04°33'39.8040"	074°14'01.7080"	FB	160° (152.6°)	X	2.6	X	X	X	-3	RNP AR 0.3	X	X	X	X
RF	BO704	WP	04°34'28.8570"	074°06'19.8770"	FB	022° (015.3°)	X	9.9	L	X	X	-3	RNP AR 0.3	BOC62	04°35'34.9890"	074°10'20.3560"	4.150
TF	BO702	WP	04°36'48.3890"	074°05'41.7620"	FB	022° (015.3°)	X	2.4	X	X	X	-3	RNP AR 0.3	X	X	X	X
RF	BO700	WP	04°40'06.2630"	074°06'48.9300"	FB	314° (307.1°)	X	3.7	L	X	X	-3	RNP AR 0.3	BOC61	04°37'37.6200"	074°08'40.7710"	3.089
TF	RW31L (MAPt)	RWY	04°41'23.2780"	074°08'30.6020"	FO	314° (307.1°)	X	2.1	X	8405 AT	X	-3	RNP AR 0.3	X	X	X	X
TF	BO790	WP	04°43'12.2550"	074°10'54.4890"	FB	314° (307.1°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO792	WP	04°44'35.6910"	074°16'58.3840"	FB	266° (258.7°)	X	6.4	L	X	X	X	RNP AR 1	BOC64	04°37'07.2270"	074°15'29.0750"	7.585
TF	BO549	WP	04°43'38.1579"	074°21'50.5075"	FB	266° (258.7°)	X	4.9	X	12000 AT	X	X	RNP AR 1	X	X	X	X
TF	BO794	WP	04°43'01.7390"	074°24'46.7920"	FB	266° (258.7°)	X	3.0	X	14000 -	X	X	RNP AR 1	X	X	X	X
RF	BO796	WP	04°44'05.2090"	074°31'42.8610"	FB	306° (298.6°)	X	7.1	R	X	X	X	RNP AR 1	BOC65	04°53'08.1210"	074°26'47.7150"	10.257
TF	BO798	WP	04°45'31.5090"	074°34'20.6330"	FB	306° (298.6°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FB	160° (152.6°)	X	25.7	R	15000 AT	250	X	RNP AR 1	BOC66	04°51'35.1720"	074°31'02.9740"	6.870
HM	AMVES	WP	04°54'45.9900"	074°24'56.4530"	FO	134° (127.0°)	90	X	L	15000 AT	250	X	X	X	X	X	X



BOGOTA / ELDORADO  
SKBO / IAC8 RNAV (RNP) Z RWY 31R

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (Kts)	VPA	NAV PERF	ARC CENTER ID	LATITUDE (NORTH) 0°0'0.00"	LONGITUDE (WEST) 0°0'0.00"	RADIUS val (NM)
IF	MADLA (IAF)	WP	04°18'03.3390"	074°00'23.2390"	FB	X	X	X	X	16000 +	250	X	RNP AR 1	X	X	X	X
TF	BO719	WP	04°18'24.8020"	074°02'21.4420"	FB	287° (280.3°)	X	2.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO767 (FAF)	WP	04°22'20.3570"	074°07'37.9140"	FB	340° (332.9°)	X	6.8	R	15000 AT	185	X	RNP AR 0.3	BOC63	04°25'43.8440"	074°01'02.3310"	7.400
RF	BO716	WP	04°27'41.8220"	074°08'11.0410"	FB	022° (015.3°)	X	5.5	R	X	X	-3	RNP AR 0.3	BOC63	04°25'43.8440"	074°01'02.3310"	7.400
TF	BO751	WP	04°38'21.4460"	074°05'16.3390"	FB	022° (015.3°)	X	11.0	X	9700 +	165	-3	RNP AR 0.3	X	X	X	X
RF	BO750	WP	04°40'25.1070"	074°05'58.3460"	FB	314° (307.0°)	X	2.3	L	X	X	-3	RNP AR 0.3	BOC50	04°38'52.2080"	074°07'08.1840"	1.930
TF	RW31R (MAP1)	RWY	04°41'33.7280"	074°07'29.0180"	FO	314° (307.0°)	X	1.9	X	8409 AT	X	-3	RNP AR 0.3	X	X	X	X
TF	BO780	WP	04°43'21.6560"	074°09'51.6460"	FB	314° (307.0°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO782	WP	04°49'55.5440"	074°09'39.2250"	FB	064° (056.6°)	X	7.7	R	X	225	X	RNP AR 1	BOC53	04°46'34.1990"	074°07'26.8950"	4.000
TF	BO784	WP	04°54'51.5750"	074°02'11.5280"	FB	064° (056.6°)	X	8.9	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO786	WP	04°58'38.9530"	073°58'34.2520"	FB	038° (031.0°)	X	5.3	L	X	X	X	RNP AR 1	BOC54	05°04'43.5650"	074°08'40.6540"	11.760
TF	BO788	WP	05°02'36.1720"	073°56'12.3710"	FB	038° (031.0°)	X	4.6	X	X	X	X	RNP AR 1	X	X	X	X
RF	OPLEK	WP	04°52'58.1320"	073°47'02.8700"	FB	249° (241.8°)	X	25.3	R	15000 AT	X	X	RNP AR 1	BOC55	04°59'03.0820"	073°50'18.1910"	6.870
HM	OPLEK	WP	04°52'58.1320"	073°47'02.8700"	FO	249° (242.0°)	90	X	L	15000 AT	250	X	X	X	X	X	X



BOGOTA / ELDORADO  
SKBO / IAC9 RNAV (RNP) Y RWY 31R

PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°00'0.00"	LONGITUDE (WEST) 0°00'0.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (Kts)	VPA	NAV PERF	ARC CENTER ID	LATITUDE (NORTH) 0°00'0.00"	LONGITUDE (WEST) 0°00'0.00"	RADIUS val (NM)
IF	OPEK (IAF/IF)	WP	04°52'58.1320"	073°47'02.8700"	FB	X	X	X	X	15000 +	250	X	RNP AR 0.3	X	X	X	X
TF	BO756 (FAF)	WP	04°50'35.5530"	073°51'27.6680"	FB	249° (241.8°)	X	5.0	X	15000 AT	185	X	RNP AR 0.3	X	X	X	X
TF	BO756	WP	04°46'58.9000"	073°58'09.8740"	FB	249° (241.8°)	X	7.6	X	X	X	-3	RNP AR 0.3	X	X	X	X
RF	BO754	WP	04°42'53.3540"	074°02'08.9130"	FB	214° (206.9°)	X	5.8	L	X	X	-3	RNP AR 0.3	BOC52	04°38'34.2830"	073°53'39.7780"	9.500
TF	BO752	WP	04°41'05.8040"	074°03'03.2620"	FB	214° (206.9°)	X	2.0	X	10000 +	165	-3	RNP AR 0.3	X	X	X	X
RF	BO750	WP	04°40'25.1070"	074°05'58.3460"	FB	314° (307.0°)	X	3.4	R	X	X	-3	RNP AR 0.3	BOC51	04°41'58.9670"	074°04'47.7790"	1.950
TF	RW31R (MAPt)	RWY	04°41'33.7280"	074°07'29.0180"	FO	314° (307.0°)	X	1.9	X	8409 AT	X	-3	RNP AR 0.3	X	X	X	X
TF	BO780	WP	04°43'21.6560"	074°09'51.6460"	FB	314° (307.0°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO782	WP	04°49'55.5440"	074°09'39.2250"	FB	064° (056.6°)	X	7.7	R	X	225	X	RNP AR 1	BOC53	04°46'34.1990"	074°07'26.8950"	4.000
TF	BO784	WP	04°54'51.5750"	074°02'11.5280"	FB	064° (056.6°)	X	8.9	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO786	WP	04°58'38.9530"	073°58'34.2520"	FB	038° (031.0°)	X	5.3	L	X	X	X	RNP AR 1	BOC54	05°04'43.5650"	074°08'40.6540"	11.760
TF	BO788	WP	05°02'36.1720"	073°56'12.3710"	FB	038° (031.0°)	X	4.6	X	X	X	X	RNP AR 1	X	X	X	X
RF	OPEK	WP	04°52'58.1320"	073°47'02.8700"	FB	249° (241.8°)	X	25.3	R	15000 AT	250	X	RNP AR 1	BOC55	04°59'03.0820"	073°50'18.1910"	6.870
HM	OPEK	WP	04°52'58.1320"	073°47'02.8700"	FO	249° (242.0°)	90	X	L	15000 AT	250	X	X	X	X	X	X



## IAC RNAV

APROXIMACION POR INSTRUMENTOS OACI

ICAO INSTRUMENT APPROACH

ALT. AD: 8360, THR 31 R: 8360 (270 hPa)

BOGOTA

ELDORADO

CAT: A/B/C/D

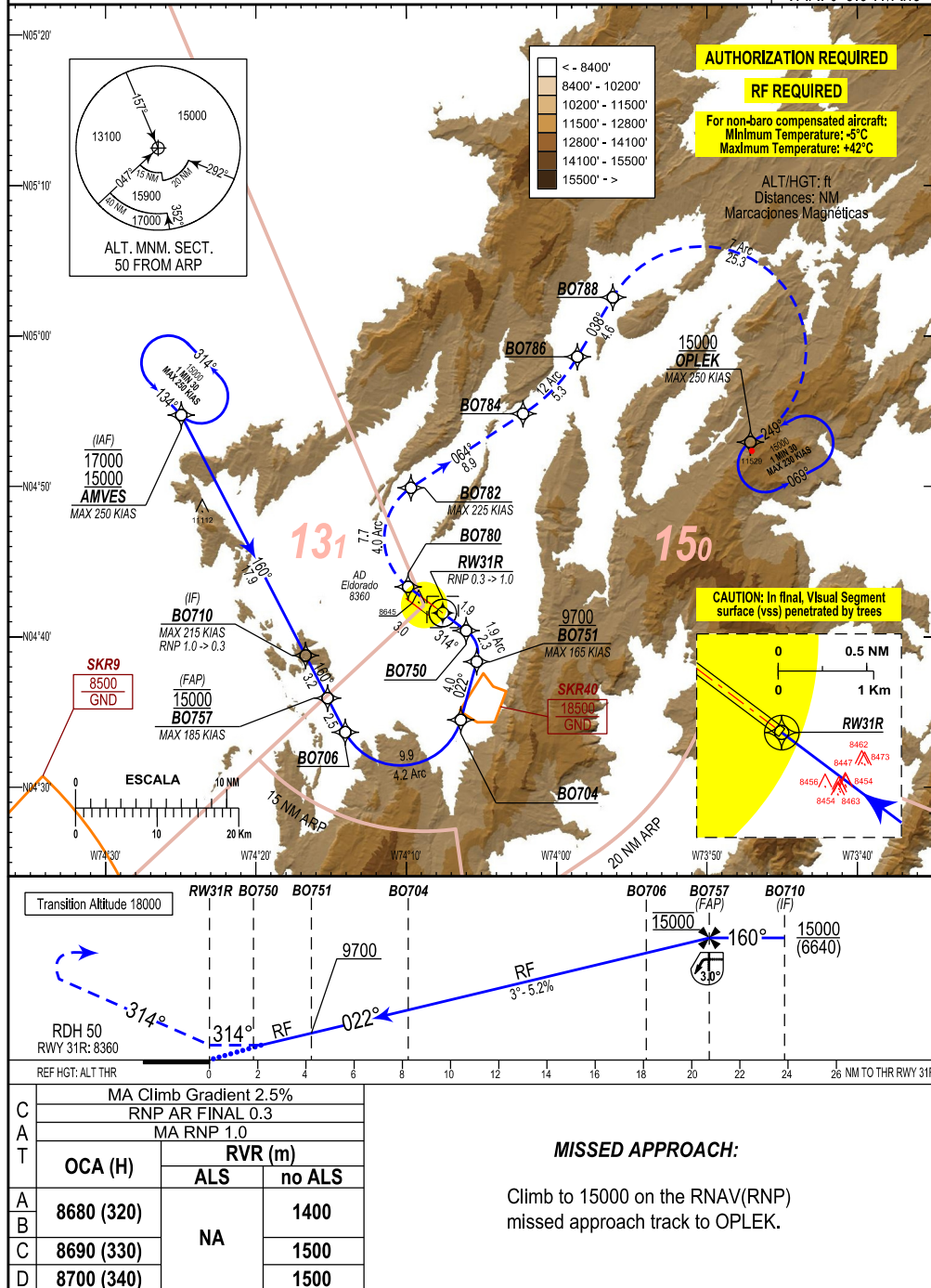
RNAV (RNP) X RWY 31R

APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 116.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.

DECL/ARP/EDR

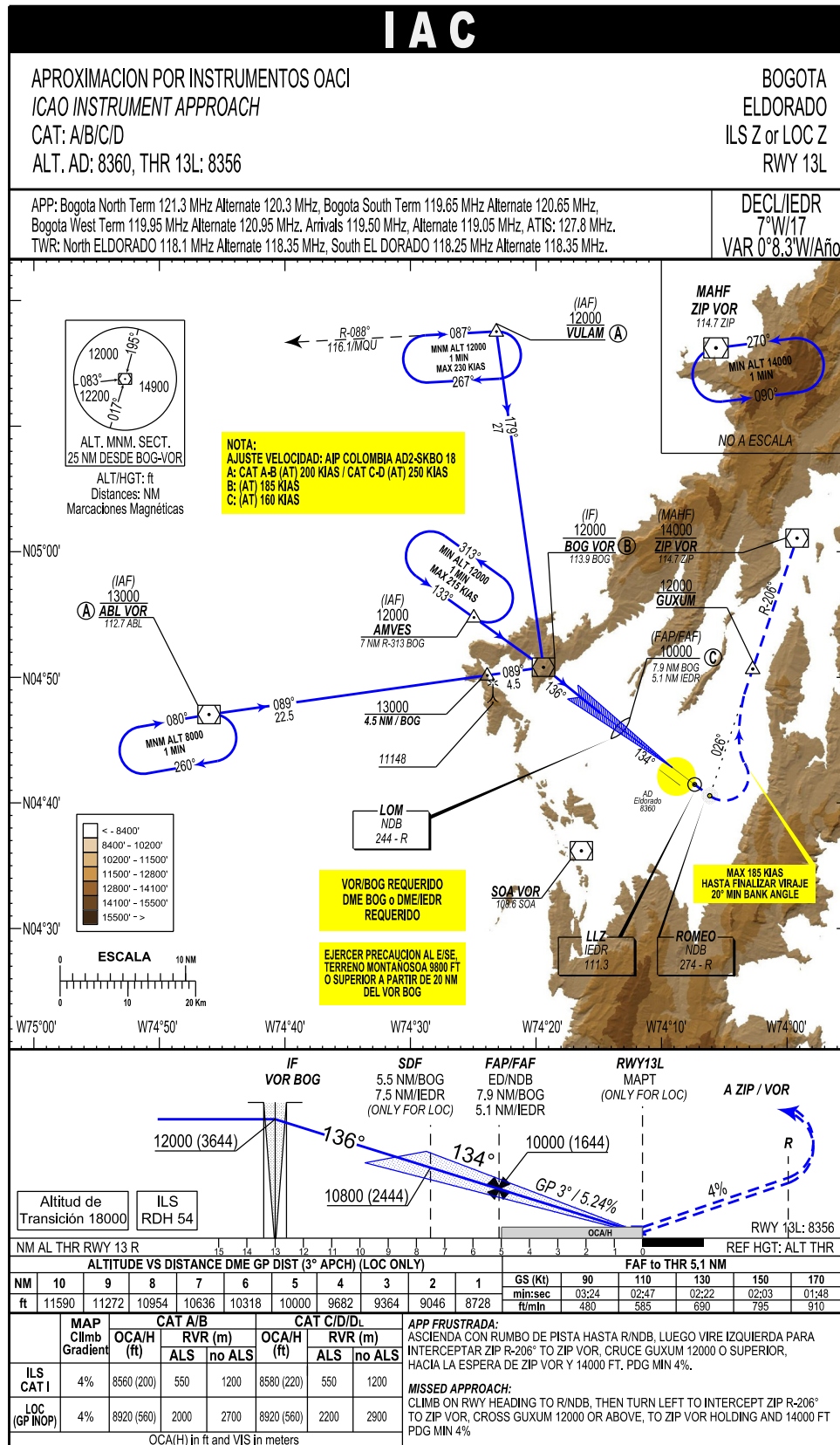
7° W/17

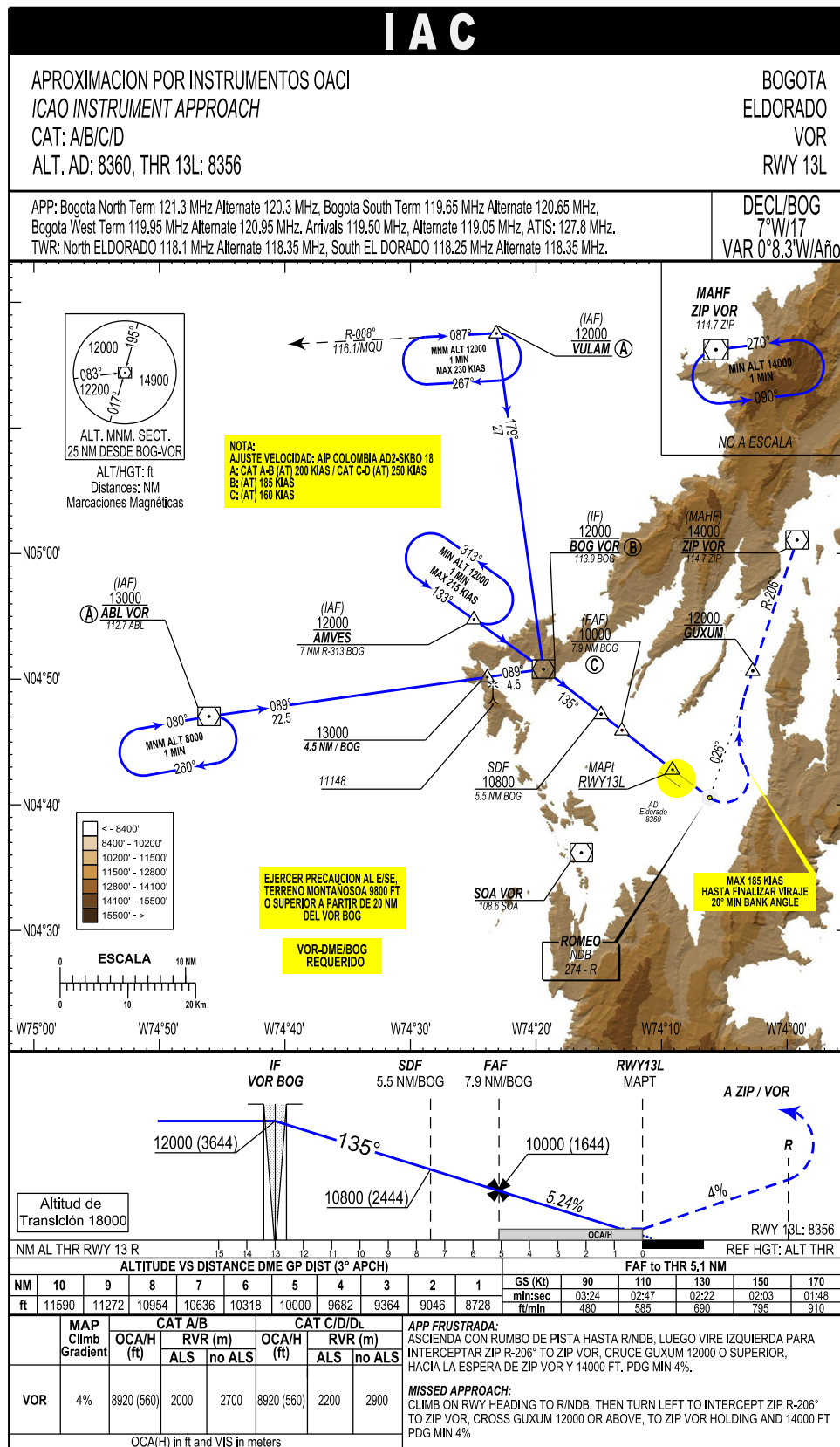
VAR: 0°8.3'W/Año

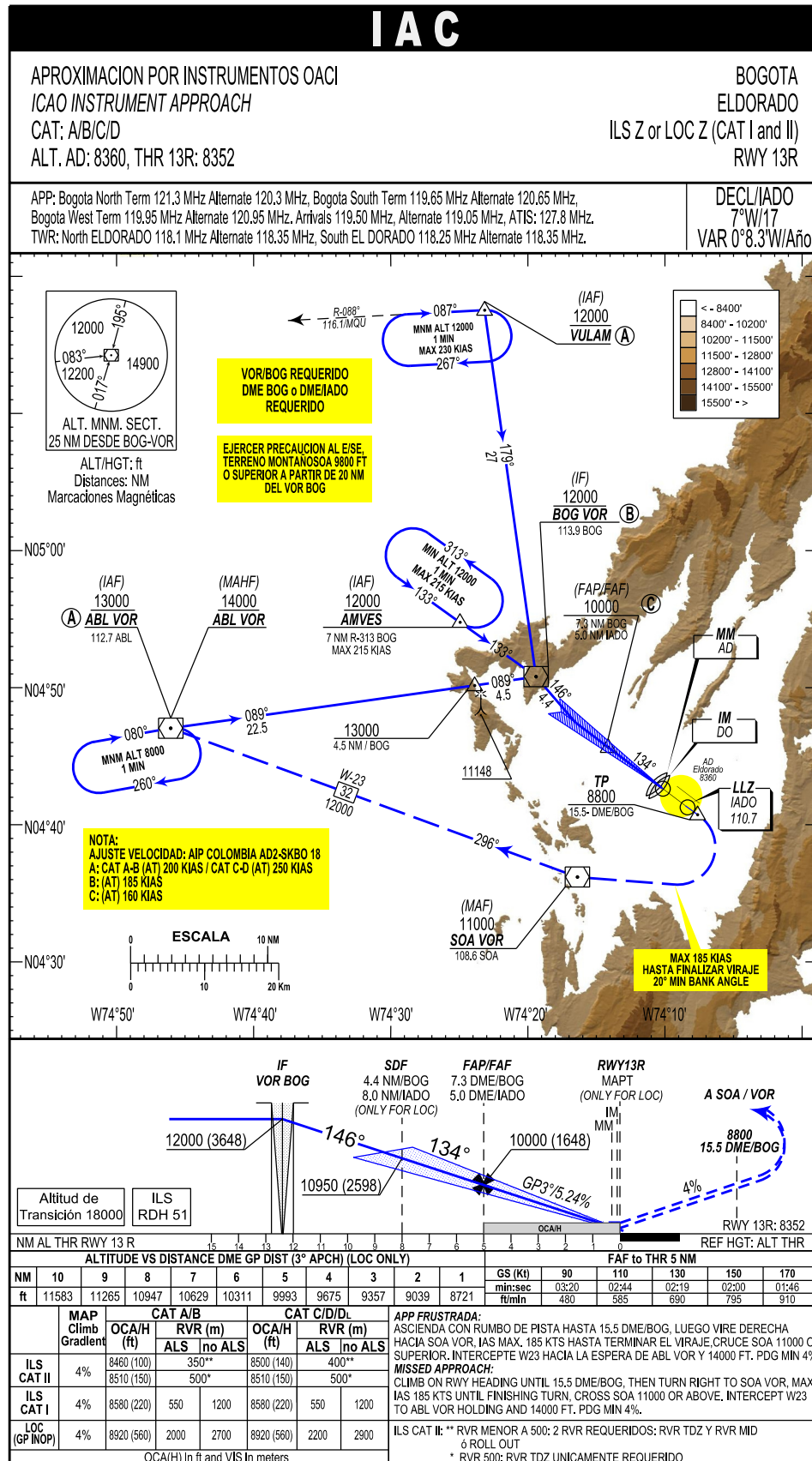


BOGOTA / ELDORADO  
SKBO / IAC-10 RNAV (RNP) X RWY 31R

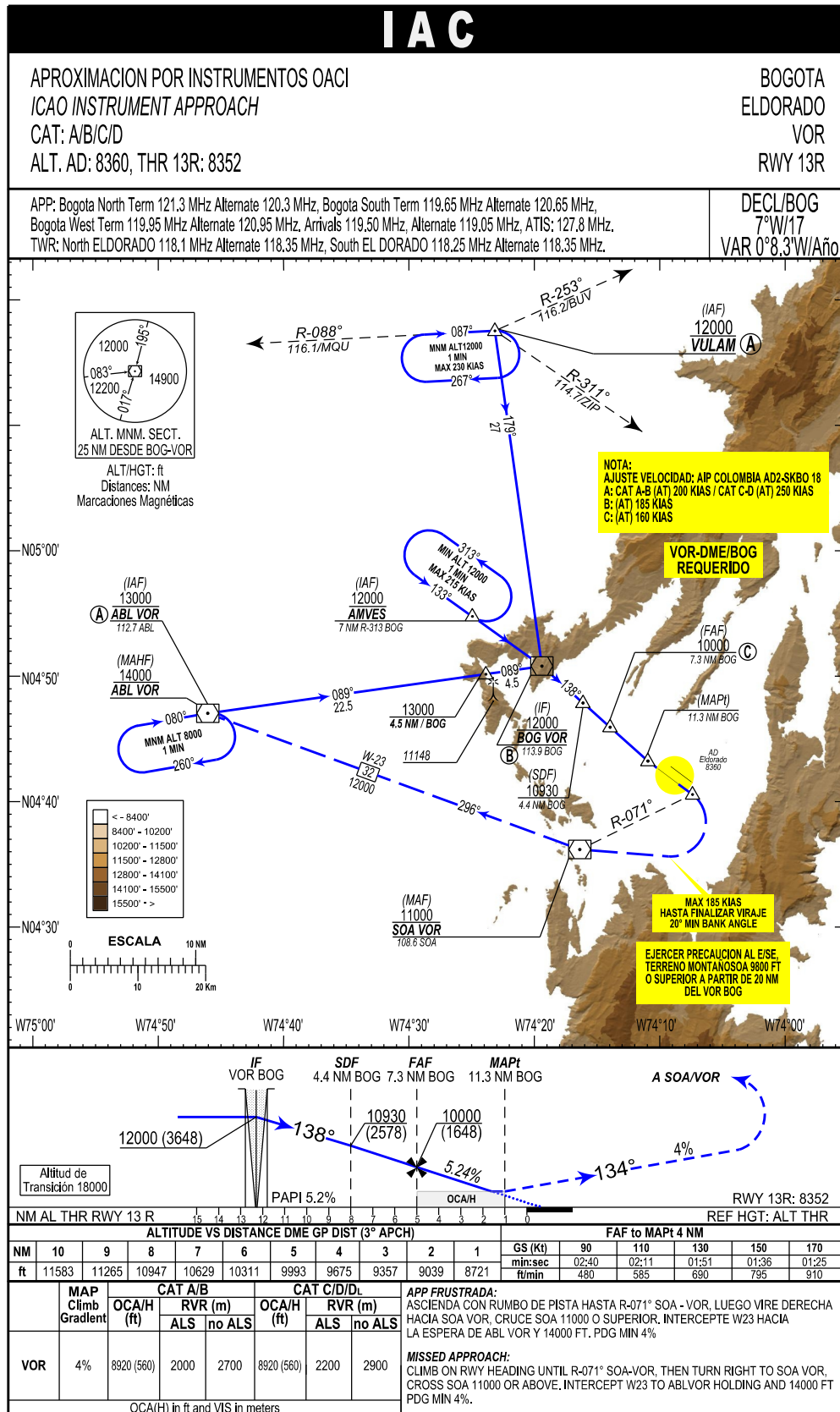
PATH TERM	WAYPOINT NAME	TYPE	LATITUDE (NORTH) 0°10'00.00"	LONGITUDE (WEST) 0°10'00.00"	FB FO	ORIENTATION M° (T°)	TIME (s)	DISTANCE BETWEEN POINTS (NM)	TURNING DIRECTION	ALTITUDE + / AT / - / B	SPEED LIMIT (KTS)	VPA	NAV PERF	ARC CENTER ID	LATITUDE (NORTH) 0°10'00.00"	LONGITUDE (WEST) 0°10'00.00"	RADIUS val (NM)
IF	AMVES (IAF)	WP	04°54'45.9900"	074°24'56.4530"	FB	X	X	X	X	15000 / 17000 B	250	X	RNP AR 1	X	X	X	X
TF	BO710	WP	04°38'46.0280"	074°16'39.9870"	FB	160° (152.6°)	X	17.9	X	X	215	X	RNP AR 1	X	X	X	X
TF	BO757 (FAF)	WP	04°35'55.8730"	074°15'12.0340"	FB	160° (152.6°)	X	3.2	X	15000 AT	185	X	RNP AR 0.3	X	X	X	X
TF	BO706	WP	04°33'39.8040"	074°14'01.7080"	FB	160° (152.6°)	X	2.5	X	X	X	-3°	RNP AR 0.3	X	X	X	X
RF	BO704	WP	04°34'28.8570"	074°06'19.8770"	FB	022° (015.3°)	X	9.9	L	X	X	-3°	RNP AR 0.3	BOC62	04°35'34.9890"	074°10'20.3560"	4.150
TF	BO751	WP	04°38'21.4460"	074°05'16.3390"	FB	022° (015.3°)	X	4.0	X	9700+	165	-3°	RNP AR 0.3	X	X	X	X
RF	BO750	WP	04°40'25.1070"	074°05'58.3460"	FB	314° (307.0°)	X	2.3	L	X	X	-3°	RNP AR 0.3	BOC50	04°38'52.2080"	074°07'08.1840"	1.930
TF	RW31R (MAPt)	RWY	04°41'33.7280"	074°07'29.0180"	FO	314° (307.0°)	X	1.9	X	8409 AT	X	-3°	RNP AR 0.3	X	X	X	X
TF	BO780	WP	04°43'21.6560"	074°09'51.6460"	FB	314° (307.0°)	X	3.0	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO782	WP	04°49'55.5440"	074°09'39.2250"	FB	064° (056.6°)	X	7.7	R	X	225	X	RNP AR 1	BOC53	04°46'34.1990"	074°07'26.8950"	4.000
TF	BO784	WP	04°54'51.5750"	074°02'11.5280"	FB	064° (056.6°)	X	8.9	X	X	X	X	RNP AR 1	X	X	X	X
RF	BO786	WP	04°58'38.9530"	073°58'34.2520"	FB	038° (031.0°)	X	5.3	L	X	X	X	RNP AR 1	BOC54	05°04'43.5650"	074°08'40.6540"	11.760
TF	BO788	WP	05°02'36.1720"	073°56'12.3710"	FB	038° (031.0°)	X	4.6	X	X	X	X	RNP AR 1	X	X	X	X
RF	OPLEK	WP	04°52'58.1320"	073°47'02.8700"	FB	249° (241.8°)	X	25.3	R	15000 AT	250	X	RNP AR 1	BOC55	04°59'03.0820"	073°50'18.1910"	6.870
HM	OPLEK	WP	04°52'58.1320"	073°47'02.8700"	FO	249° (242.0°)	90	X	L	15000 AT	250	X	X		X	X	X











PAGINA  
DEJADA  
INTENCIONALMENTE  
EN BLANCO



# RVFP

PROCEDIMIENTO DE VUELO VISUAL RNAV  
RNAV VISUAL FLIGHT PROCEDURE (RVFP)  
CAT: A/B/C/D  
ALT AD: 8360, THR 31L: 8356' (270 hPa)

BOGOTA  
ELDORADO  
RNAV(GNSS) T  
RWY 31L

APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.

DECL/BOG  
7° W/17  
VAR 0°8.3' W/Año

**REMARKS:**

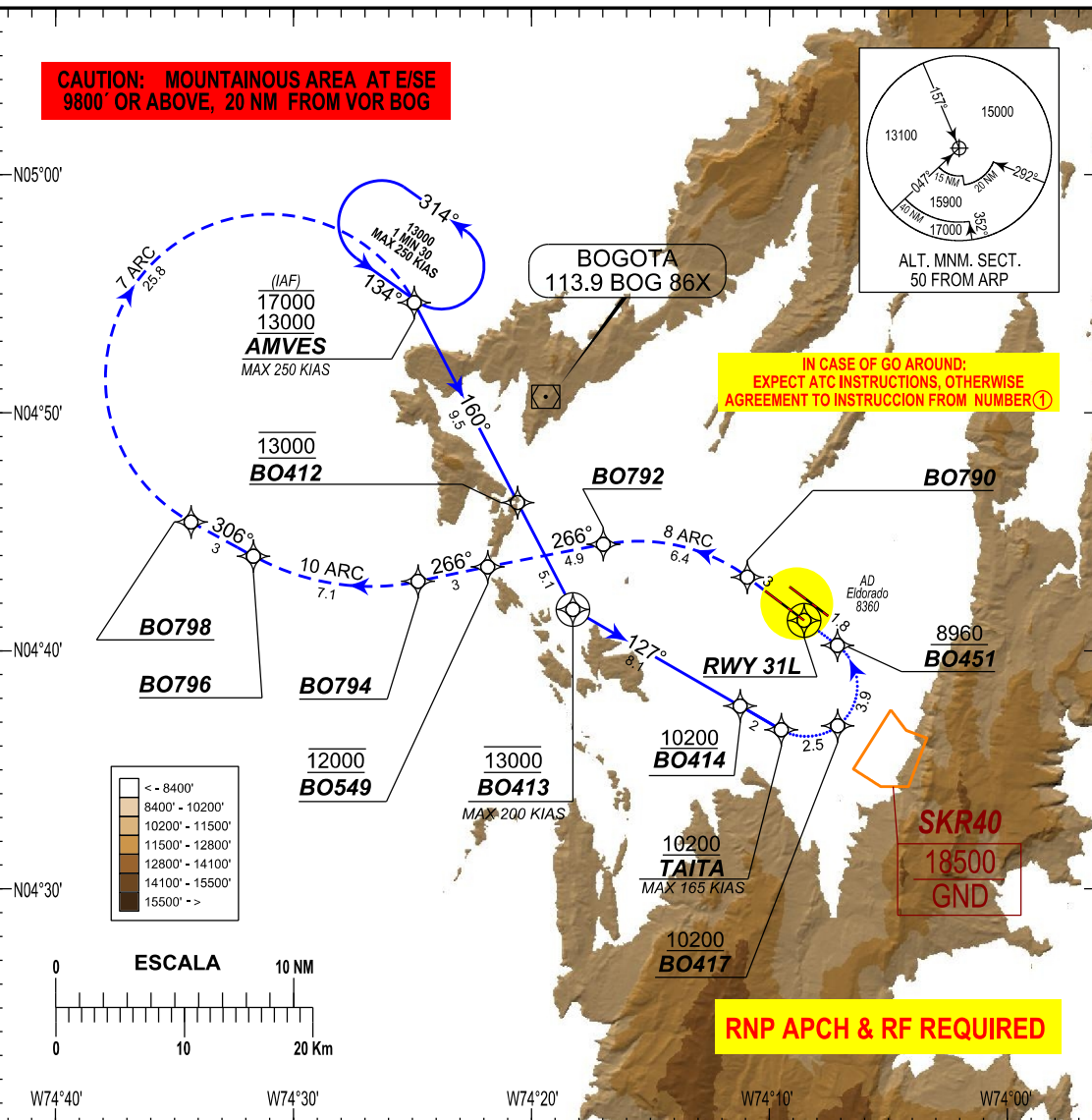
- 1 If on TAITA not visual contact, make missed approach procedure
- 2 If you lost visual contact in circuit make Go Around manouver.

RVFP Track:



**① MISSED APPROACH:**

Maintain on RVFP track, climbing initial to 12000 to BO549, then expect ATC instructions for higher Altitude.



BOGOTA / ELDORADO  
SKBO / IAC15 / RVFP / RNAV (GNSS) T RWY 31L

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°/0'0.00"	LONGITUD (WHISKEY) 0°/0'0.00"	FB FO	RUMBO M°(T°)	DISTANCIA ENTRE PUNTOS (NM)	DIRECCIÓN VIRAJE	CENTRO ARCO (RF) LATITUD (NORTE) 0°/0'0.00"	CENTRO ARCO (RF) LONGITUD (WHISKEY) 0°/0'0.00"	RADIO DE VIRAJE (NM)	ALTITUD 1 + / AT / -	ALTITUD 2 + / AT / -	LIMITE DE VELOCIDAD (Kts)	VPA	PERF DE NAV
IF	AMVES	04°54'45.99"	074°24'56.45"	FB	X	X	X				13000+	17000-	250	X	RNP APCH
TF	BO412	04°46'20.83"	074°20'35.19"	FB	160° (152.58°)	9.44	X				13000AT			X	RNP APCH
TF	BO413	04°41'50.41"	074°18'15.34"	FO	160° (152.58°)	5.05	X				13000AT		200	X	RNP APCH
TF	BO414	04°37'46.61"	074°11'12.64"	FB	127° (119.90°)	8.13	X				10200+			X	RNP APCH
TF	TAITA	04°36'46.65"	074°09'28.69"	FB	127° (119.90°)	2	X				10200+		165	X	RNP APCH
	ARC CENTER							04°38'37.79"	074°08'24.60"	2.13 ARC					RNP APCH
RF	BO417	04°36'56.84"	074°07'05.42"	FB	X	2.54	L				10200+			X	RNP APCH
	ACT CENTER				X			04°38'37.79"	074°08'24.60"	2.13 ARC					RNP APCH
RF	BO451	04°40'19.85"	074°07'06.85"	FB	X	3.89	L				8960+			-3°	RNP APCH
TF	RW31L	04°41'23.28"	074°08'30.60"	FO	314° (307.1°)	1.75	X				8410+			-3°	RNP APCH
TF	BO790	04°43'12.26"	074°10'54.49"	FB	314° (307.1°)	3.0	X							X	RNP APCH
	ARC CENTER							04°37'07.23"	074°15'29.07"	7.59 ARC					RNP APCH
RF	BO792	04°44'35.69"	074°16'58.38"	FB		6.4	L							X	RNP APCH
TF	*BO549	04°43'38.16"	074°21'50.51"	FB	266° (258.7°)	4.9	X				12000AT			X	RNP APCH
TF	BO794	04°43'01.74"	074°24'46.79"	FB	266° (258.7°)	3.0	X							X	RNP APCH
	ARC CENTER							04°53'08.12"	074°26'47.72"	10.26 ARC					RNP APCH
RF	BO796	04°44'05.21"	074°31'42.86"	FB		7.1	R							X	RNP APCH
TF	BO798	04°45'31.51"	074°34'20.63"	FB	306° (298.6°)	3	X							X	RNP APCH
	ARC CENTER							04°51'35.17"	074°31'02.97"	6.87 ARC					RNP APCH
RF	AMVES	04°54'45.99"	074°24'56.45"	FB		25.8					13000+			X	RNP APCH

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°/0'0.00"	LONGITUD (WHISKEY) 0°/0'0.00"	FB FO	RUMBO ACERCAMIENTO M°(T°)	RUMBO ALEJAMIENTO M°(T°)	DIRECCIÓN VIRAJE	OUTBOUND LEG	ALTITUD	LIMITE MAX VELOCIDAD (Kts)	PERF DE NAV
HM	AMVES	04°54'45.99"	074°24'56.45"	FO	134° (127.04°)	314° (307.04°)	L	1 MIN 30 SEG	13000	250	RNP APCH

\* CLIMBING INITIAL TO 12000 EXPECT ATC INSTRUCTION TO HIGHER ALTITUDE

PROCEDIMIENTO DE VUELO VISUAL RNAV  
RNAV VISUAL FLIGHT PROCEDURE (RVFP)  
CAT: A/B/C/D  
ALT AD: 8360, THR 31R: 8360' (270 hpa)

BOGOTA  
ELDORADO  
RNAV(GNSS) T  
RWY 31R

APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz, Bogota West Term 119.95 MHz Alternate 120.95 MHz. Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz. TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz. South EL DORADO 118.25 MHz Alternate 118.35 MHz.

DECL/BOG  
7° W/17  
VAR 0°8,3' W/Año

## REMARKS:

- 1 If on TAITA not visual contact, make missed approach procedure
- 2 If you lost visual contact in circuit make Go Around manouver.

Trayectoria RVFP \ RVFP track:



① **MISSED APPROACH:**

*Maintain on RVFP track, climbing initial to 12000 to BO549, then expect ATC instructions for higher Altitude.*



BOGOTA / ELDORADO  
SKBO / IAC16 / RVFP / RNAV (GNSS) T RWY 31R

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°/0'0.00"	LONGITUD (WHISKEY) 0°/0'0.00"	FB FO	RUMBO M°(°)	DISTANCIA ENTRE PUNTOS (NM)	DIRECCIÓN VIRAJE	CENTRO ARCO (RF) LATITUD (NORTE) 0°/0'0.00"	CENTRO ARCO (RF) LONGITUD (WHISKEY) 0°/0'0.00"	RADIO DE VIRAJE (NM)	ALTITUD 1 + / AT / -	ALTITUD 2 + / AT / -	LÍMITE DE VELOCIDAD (Kts)	VPA	PERF DE NAV
IF	AMVES	04°54'45.99"	074°24'56.45"	FB	X	X	X				13000+	17000-	250	X	RNP APCH
TF	BO412	04°46'20.83"	074°20'35.19"	FB	160° (152.58°)	9.44	X				13000AT			X	RNP APCH
TF	BO413	04°41'50.41"	074°18'15.34"	FO	160° (152.58°)	5.05	X				13000AT		200	X	RNP APCH
TF	BO414	04°37'46.61"	074°11'12.64"	FB	127° (119.90°)	8.13	X				10200+			X	RNP APCH
TF	TAITA	04°36'46.65"	074°09'28.69"	FB	127° (119.90°)	2	X				10200+		165	X	RNP APCH
	ARC CENTER									2.13 ARC					
RF	BO416	04°36'31.32"	074°08'03.05"	FB	X	1.48	L				10200+			X	RNP APCH
TF	BO419	04°36'41.82"	074°07'01.42"	FB	088°(80.36°)	1.04	X				10200+			X	RNP APCH
	ACT CENTER									2.13 ARC					
RF	BO420	04°37'07.41"	074°06'03.72"	FB	X	1.06	L				10200+			X	RNP APCH
	ARC CENTER														
RF	BO421	04°40'30.32"	074°06'05.25"		X	3.89					8960+			- 3°	
TF	RW31R	04°41'33.72"	074°07'29.02"	FO	314° (307.03°)	1.75	X				8410+			- 3°	RNP APCH
TF	BO503	04°45'28.65"	074°12'39.50"	FB	314° (307.1°)	3.0	X							X	RNP APCH
TF	BO792	04°44'35.69"	074°16'58.38"	FB	266° (258.7°)	4.5	X							X	RNP APCH
TF	*BO549	04°43'38.16"	074°21'50.51"	FB	266° (258.7°)	4.9	X				12000AT			X	RNP APCH
TF	BO794	04°43'01.74"	074°24'46.79"	FB	266° (258.7°)	3.0	X							X	RNP APCH
	ARC CENTER									10.26 ARC					
RF	BO796	04°44'05.21"	074°31'42.86"	FB	X	7.1	R							X	RNP APCH
TF	BO798	04°45'31.51"	074°34'20.63"	FB	306° (298.6°)	3	X							X	RNP APCH
	ARC CENTER						R			6.87 ARC					
RF	AMVES	04°54'45.99"	074°24'56.45"	FB	X	25.8					13000+			X	RNP APCH

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°/0'0.00"	LONGITUD (WHISKEY) 0°/0'0.00"	FB FO	RUMBO ACERCAMIENTO M°(°)	RUMBO ALEJAMIENTO M°(°)	DIRECCIÓN VIRAJE	OUTBOUND LEG	ALTITUD	LÍMITE MAX VELOCIDAD (Kts)	PERF DE NAV
HM	AMVES	04°54'45.99"	074°24'56.45"	FO	134° (127.04°)	314° (307.04°)	L	1 MIN 30 SEG	13000	250	RNP APCH

\* CLIMBING INITIAL TO 12000 EXPECT ATC INSTRUCTION TO HIGHER ALTITUDE

# IAC

## APROXIMACION EN CIRCUITO

ICAO CIRCLING APPROACH

CAT: A/B/C/D

ALT. AD: 8360, THR 31L: 8356' THR31R: 8360'

BOGOTA  
ELDORADO  
RWY 31L/31R  
VOR - D

APP: Bogota North Term 121.3 MHz Alternate 120.3 MHz, Bogota South Term 119.65 MHz Alternate 120.65 MHz,  
Bogota West Term 119.95 MHz Alternate 120.95 MHz, Arrivals 119.50 MHz, Alternate 119.05 MHz, ATIS: 127.8 MHz.  
TWR: North ELDORADO 118.1 MHz Alternate 118.35 MHz, South EL DORADO 118.25 MHz Alternate 118.35 MHz.

DECL/BOG  
7° W/17  
VAR 0°8.3' W/Año

### OBSERVACIONES:

- 1 Si en MAPt no tiene visual, haga aproximacion frustrada.
- 2 Si pierde referencia visual en el circuito haga maniobra de sobrepaso.

Trayectoria Visual:

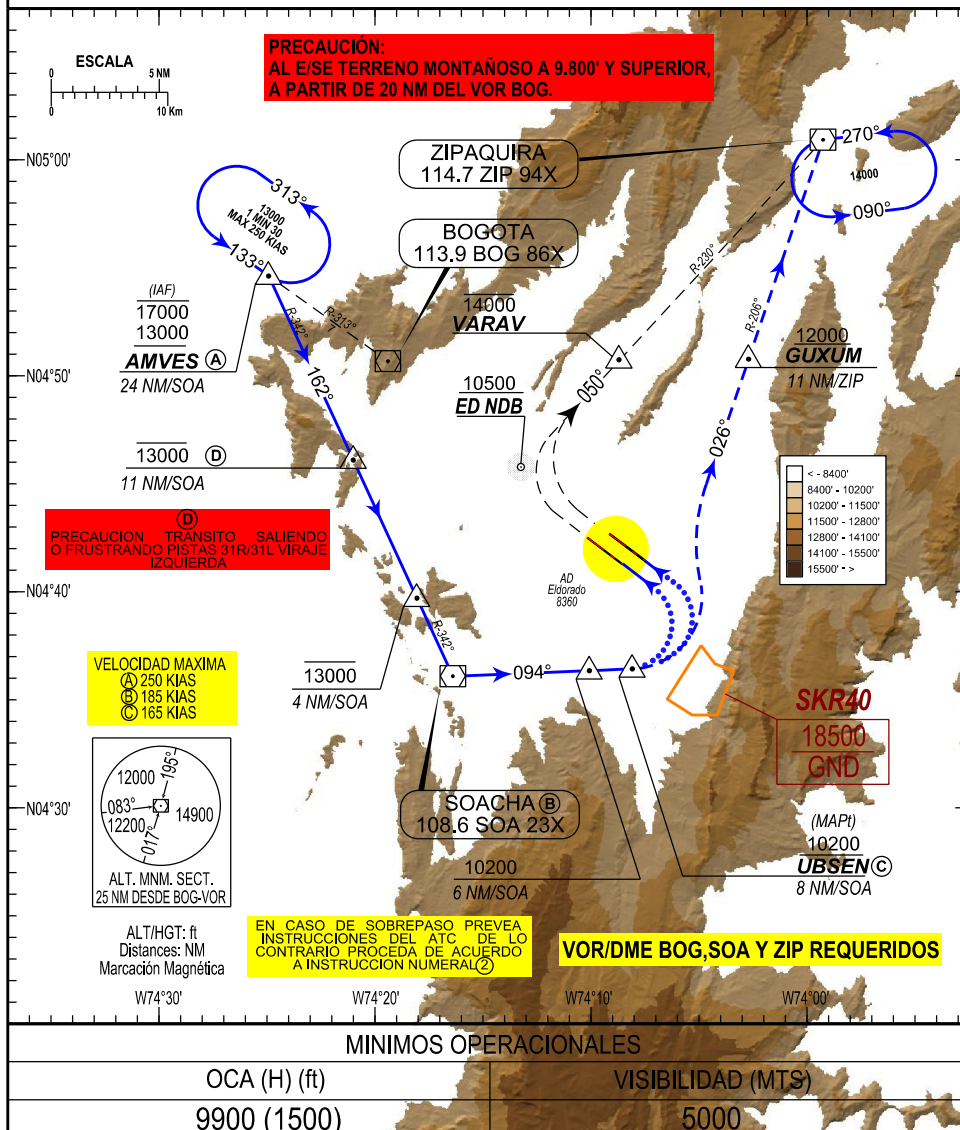
• • • • •

### ① APROXIMACION FRUSTRADA:

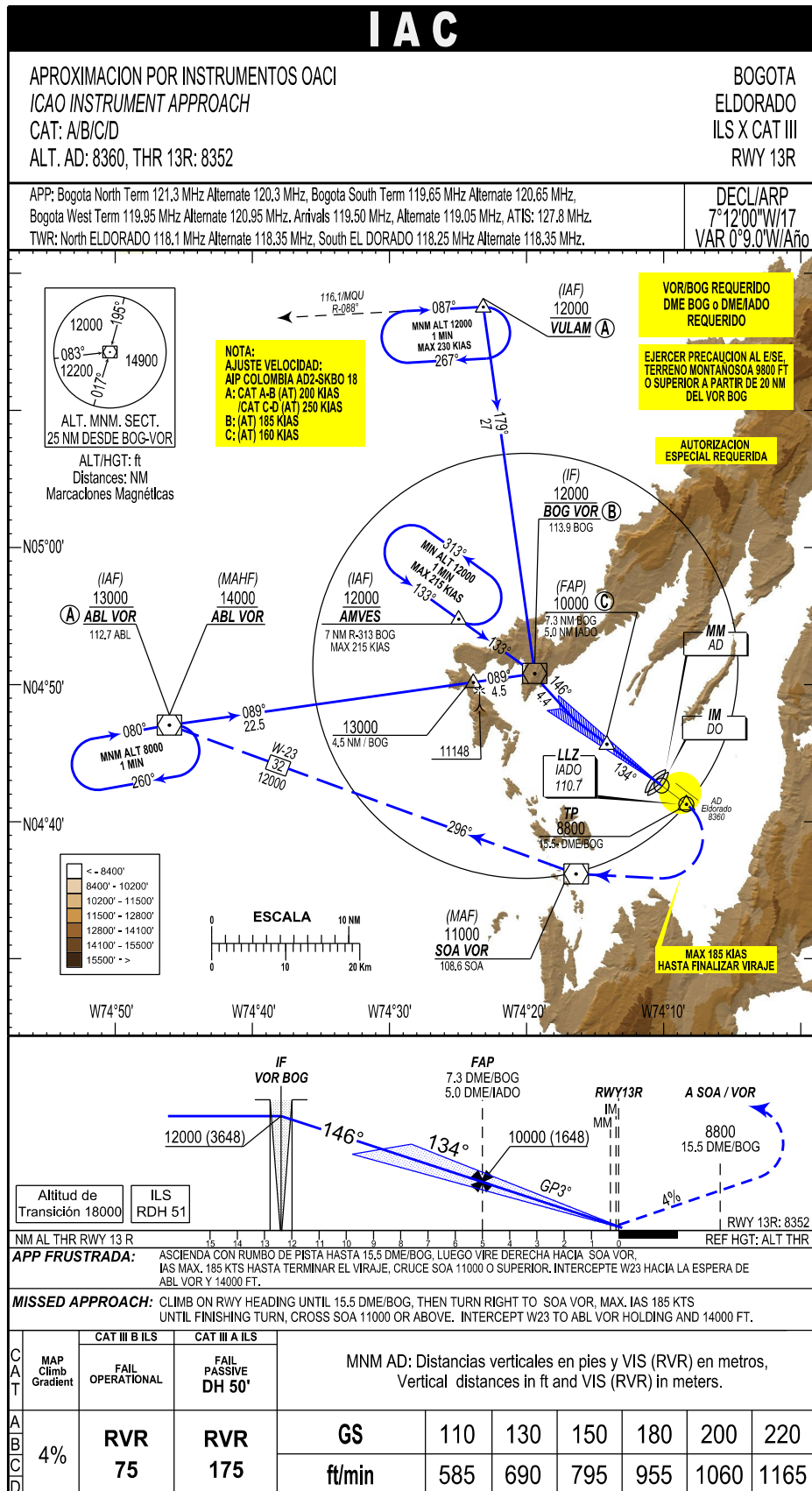
Cruzando el MAPt, vire izquierda a interceptar R206° de ZIP VOR en ascenso a 14000'. Cruce GUXUM 12000' o superior, incorporese en la espera de ZIP VOR a 14000 ft. Espere Instrucciones del ATC.

### ② MANIOBRA DE SOBREPASO:

ESPERE INSTRUCCIONES DEL ATC, de lo contrario: Mantenga rumbo de pista 31 hacia ED NDB o interceptar R-230° de ZIP/VOR, en ascenso para cruzar ED NDB con 10.500' o superior, luego vire derecha a interceptar R-230° de ZIP/VOR cruzando VARAV 14000' o inferior, proceda hacia la espera de ZIP/VOR y 14000'. Espere Instrucciones del ATC.



PAGINA  
DEJADA  
INTENCIONALMENTE  
EN BLANCO





PAGINA  
DEJADA  
INTENCIONALMENTE  
EN BLANCO