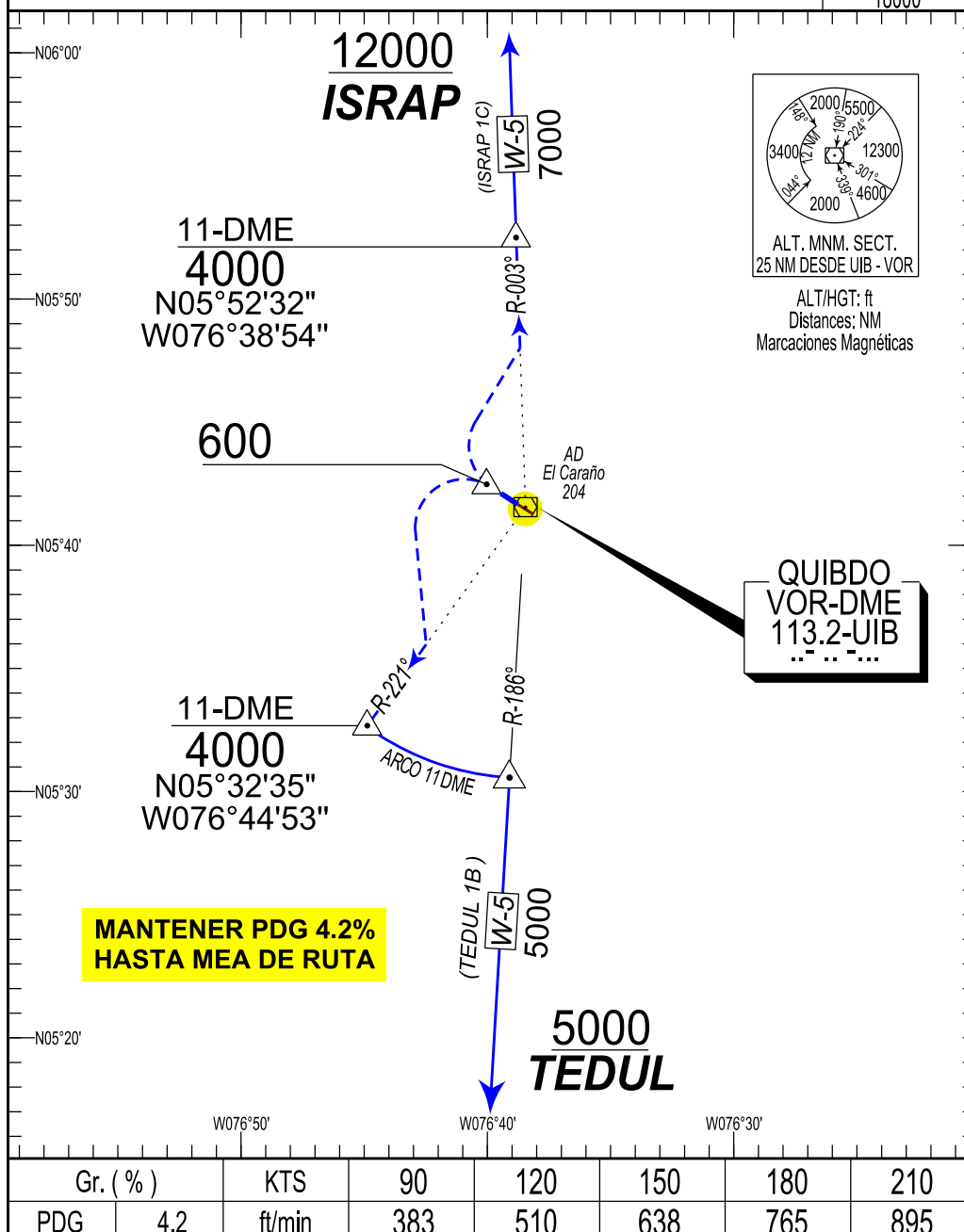


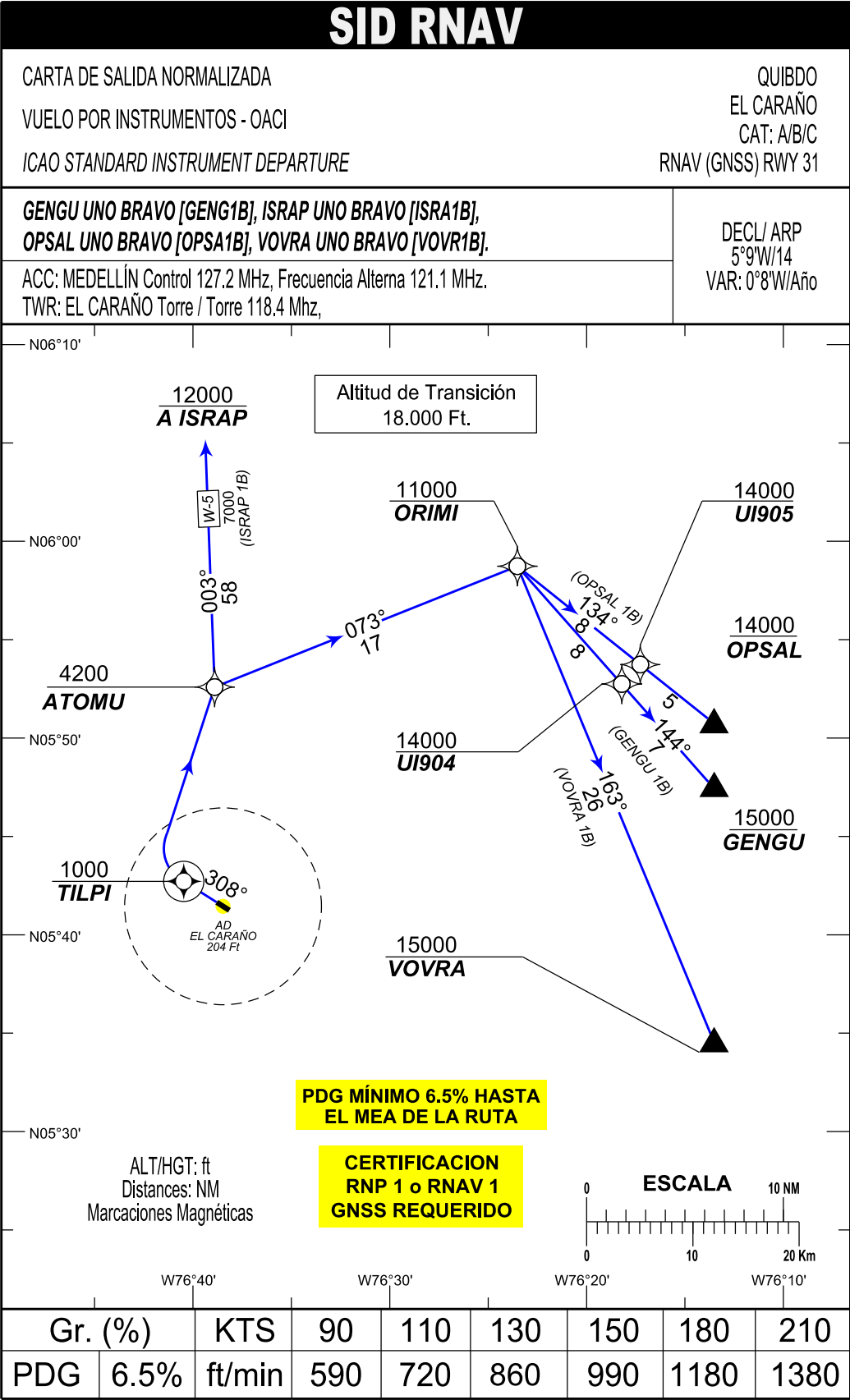
CARTA DE SALIDA NORMALIZADA-VUELO
POR INSTRUMENTOS - OACI
/CAO STANDARD INSTRUMENT DEPARTURE CHART

QUIBDO
EL CARAÑO
CAT: A/B/C
RWY 31

DECL/UIB
5°10'W/14
VAR: 0°7.9'W/Año

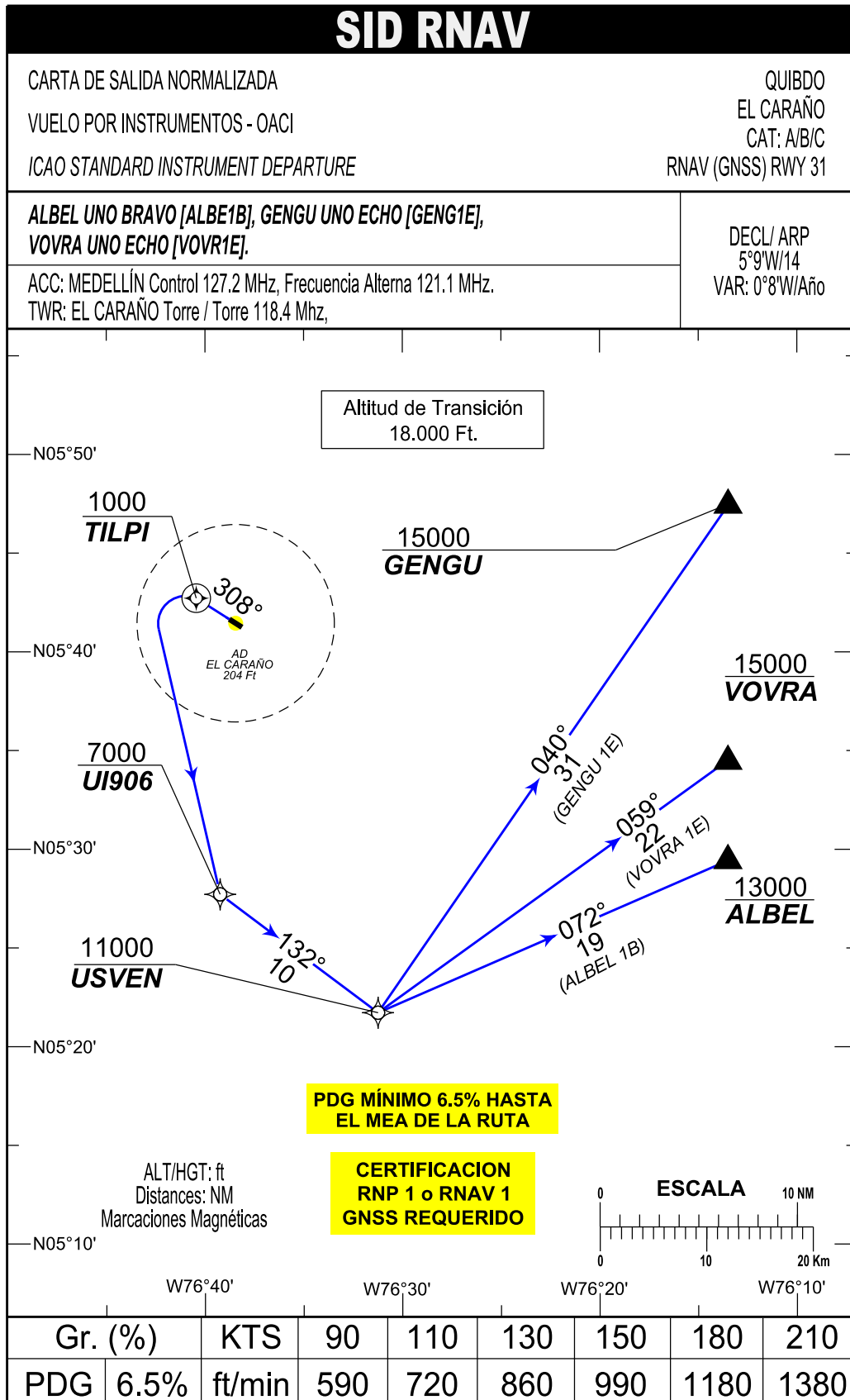
ALTITUD DE
TRANSICION
18000'





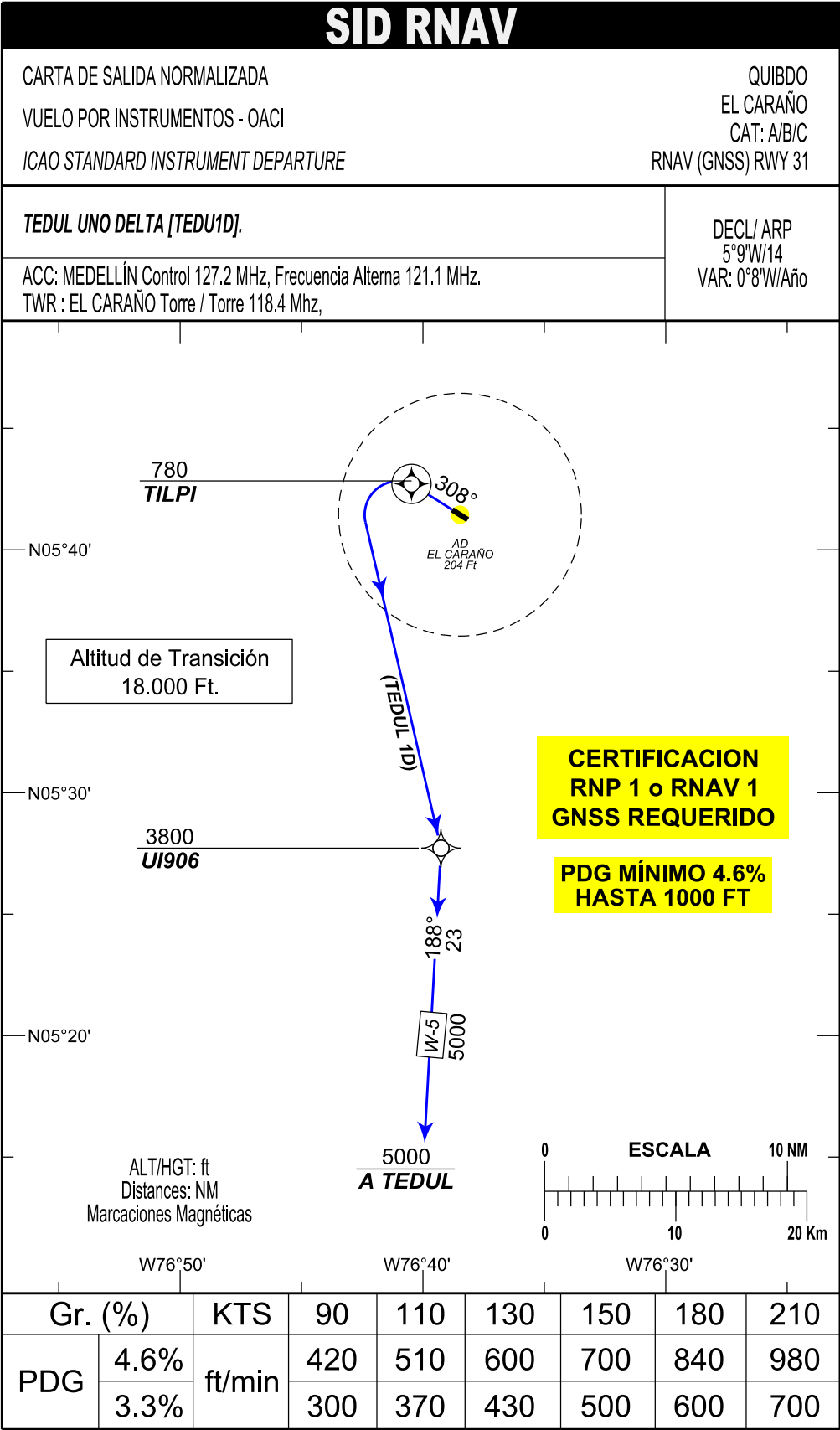
QUIBDÓ / EL CARAÑO
SKUI / SID3 RNAV (GNSS) / RWY 31

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°0'0.00"	LONGITUD (WHISKEY) 0°0'0.00"	FB FO	RUMBO (T°) M°	DISTANCIA ENTRE PUNTOS (NM)	DIRECCION DEL VIRAJE	ALTITUD	LIMITE DE VELOCIDAD (KTS)	PDG %	PERFORM DE NAV
ISSRAP 1B											
CF	TILPI	N05°42'42.97"	W076°40'28.25"	FO	308° (302.4°T)	X	R	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	ATOMU	N05°52'35.51"	W076°38'54.06"	FB	X	10	L	4200 +	X	6.5%	RNP 1 O RNAV 1
TF	ISRAP	N06°50'49"	W076°41'06"	FB	003°(357.8°T)	58	X	12000 +	X	6.5%	RNP 1 O RNAV 1
OPSAL 1B											
CF	TILPI	N05°42'42.97"	W076°40'28.25"	FO	308° (302.4°T)	X	R	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	ATOMU	N05°52'35.51"	W076°38'54.06"	FB	X	10	R	4200 +	X	6.5%	RNP 1 O RNAV 1
TF	ORIMI	N05°58'44"	W076°23'31"	FB	073°(068.2°T)	17	R	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	UI905	N05°53'44.15"	W076°17'16.18"	FB	134°(128.6°T)	8	X	14000 +	X	6.5%	RNP 1 O RNAV 1
TF	OPSAL	N05°50'44"	W076°13'31"	FB	134°(128.6°T)	5	X	14000 +	X	X	RNP 1 O RNAV 1
GENGU 1B											
CF	TILPI	N05°42'42.97"	W076°40'28.25"	FO	308° (302.4°T)	X	R	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	ATOMU	N05°52'35.51"	W076°38'54.06"	FB	X	10	R	4200 +	X	6.5%	RNP 1 O RNAV 1
TF	ORIMI	N05°58'44"	W076°23'31"	FB	073°(068.2°T)	17	R	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	UI904	N05°52'44.88"	W076°18'12.52"	FB	144°(138.5°T)	8	X	14000 +	X	6.5%	RNP 1 O RNAV 1
TF	GENGU	N05°47'26"	W076°13'31"	FB	144°(138.5°T)	7	X	15000 +	X	6.5%	RNP 1 O RNAV 1
VOVRA 1B											
CF	TILPI	N05°42'42.97"	W076°40'28.25"	FO	308° (302.4°T)	X	R	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	ATOMU	N05°52'35.51"	W076°38'54.06"	FB	X	10	R	4200 +	X	6.5%	RNP 1 O RNAV 1
TF	ORIMI	N05°58'44"	W076°23'31"	FB	073°(068.2°T)	17	R	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	VOVRA	N05°34'31"	W076°13'31"	FB	163°(157.6°T)	26	X	15000 +	X	6.5%	RNP 1 O RNAV 1



QUIBDÓ / EL CARAÑO
SKUI / SID4 RNAV (GNSS) / RWY 31

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0°0'0.00"	LONGITUD (WHISKEY) 0°0'0.00"	FB FO	RUMBO (T°)	M°	DISTANCIA ENTRE PUNTOS (NM)	DIRECCION DEL VIRAJE	ALTITUD	LIMITE DE VELOCIDAD (Kts)	PDG %	PERFORM DE NAV
GENGU 1E												
CF	TILPI	N05°42'42,97"	W076°40'28,25"	FO	308° (302.4°T)		X	L	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	UI906	N05°27'42,94"	W076°39'15,48"	FB	X		15	L	7000 +	X	6.5%	RNP 1 O RNAV 1
TF	USVEN	N05°21'43,1"	W076°31'15,36"	FB	132°(126.8°T)		10	L	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	GENGU	N05°47'26"	W076°13'31"	FB	040°(034.6°T)		31	X	15000 +	X	6.5%	RNP 1 O RNAV 1
VOVRA 1E												
CF	TILPI	N05°42'42,97"	W076°40'28,25"	FO	308° (302.4°T)		X	L	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	UI906	N05°27'42,94"	W076°39'15,48"	FB	X		15	L	7000 +	X	6.5%	RNP 1 O RNAV 1
TF	USVEN	N05°21'43,1"	W076°31'15,36"	FB	132°(126.8°T)		10	L	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	VOVRA	N05°34'31"	W076°13'31"	FB	059°(054.2°T)		22	X	15000 +	X	6.5%	RNP 1 O RNAV 1
ALBEL 1B												
CF	TILPI	N05°42'42,97"	W076°40'28,25"	FO	308° (302.4°T)		X	L	1000 +	X	6.5%	RNP 1 O RNAV 1
DF	UI906	N05°27'42,94"	W076°39'15,48"	FB	X		15	L	7000 +	X	6.5%	RNP 1 O RNAV 1
TF	USVEN	N05°21'43,1"	W076°31'15,36"	FB	132°(126.8°T)		10	L	11000 +	X	6.5%	RNP 1 O RNAV 1
TF	ALBEL	N05°29'29"	W076°13'31"	FB	072°(066.5°T)		19	X	13000 +	X	6.5%	RNP 1 O RNAV 1



QUIBDÓ / EL CARAÑO
SKUI / SID5 RNAV (GNSS) / RWY 31

PATH TERM	NOMBRE PUNTO DE RECORRIDO	LATITUD (NORTE) 0° 0' 0.00"	LONGITUD (WHISKEY) 0° 0' 0.00"	FB FO	RUMBO (T°) M°	DISTANCIA ENTRE PUNTOS (NM)	DIRECCION DEL VIRAJE	ALTITUD	LIMITE DE VELOCIDAD (Kts)	PDG %	PERFORM DE NAV
TEDUL 1D											
CF	TILPI	N05°42'42.97"	W076°40'28.25"	FO	308° (302.4°T)	X	L	780 +	X	4.6%	RNP 1 O RNAV 1
DF	UI906	N05°27'42.94"	W076°39'15.48"	FB	X	15	R	3800 +	X	3.3%	RNP 1 O RNAV 1
TF	TEDUL	N05°04'26"	W076°40'34"	FB	188° (183.2°T)	23	X	5000 +	X	3.3%	RNP 1 O RNAV 1