

PAGINA
DEJADA
INTENCIONALMENTE
EN BLANCO

CARTA DE SALIDA NORMALIZADA
POR INSTRUMENTOS - OACI
ICAO STANDARD INSTRUMENT DEPARTURE CHART

YOPAL
EL YOPAL
CAT: A/B/C/D
RNAV (GNSS) RWY 05

**BARRANCA DE UPIA UNO CHARLIE [UPI1C],
SUPNU UNO BRAVO [SUPN1B].**

DECL/ARP
8°5'24"W/14
VAR: 0°8.24'W/Año

ALTITUD DE
TRANSICION
18000'

APP: EL YOPAL Aproximación / Approach: 126.8 MHz.
TWR: EL YOPAL Torre / Tower: 118.3 MHz.

**MANTENER PDG 6% (365 FT/NM)
ENERI 1B HASTA 15000 FT.
UPI 1C HASTA 5000 FT.
MAX 210 KIAS HASTA PAMUR**

10000
KETIM

277°
17
(SUPNU 1B)

277°
10

233°
56.1
(UPI 1C)

2400
7
053°
3.8

4900
TIKLO

6700
PAMUR

15000
SUPNU

5000
UPI
315/NDB

W-24

ALT/HGT: ft
Distances: NM
Marcaciones Magnéticas

**GNSS UNICAMENTE
DME-DME NO AUTORIZADO
GNSS ONLY
UNAUTHORIZED DME-DME**

ESCALA

0 10 NM
0 10 20 Km

| Gr. (%) | KTS | 90 | 120 | 150 | 180 | 210 | |
|---------|-----|--------|-----|-----|-----|------|------|
| PDG | 6.0 | ft/min | 550 | 730 | 920 | 1100 | 1280 |

YOPAL / EL YOPAL

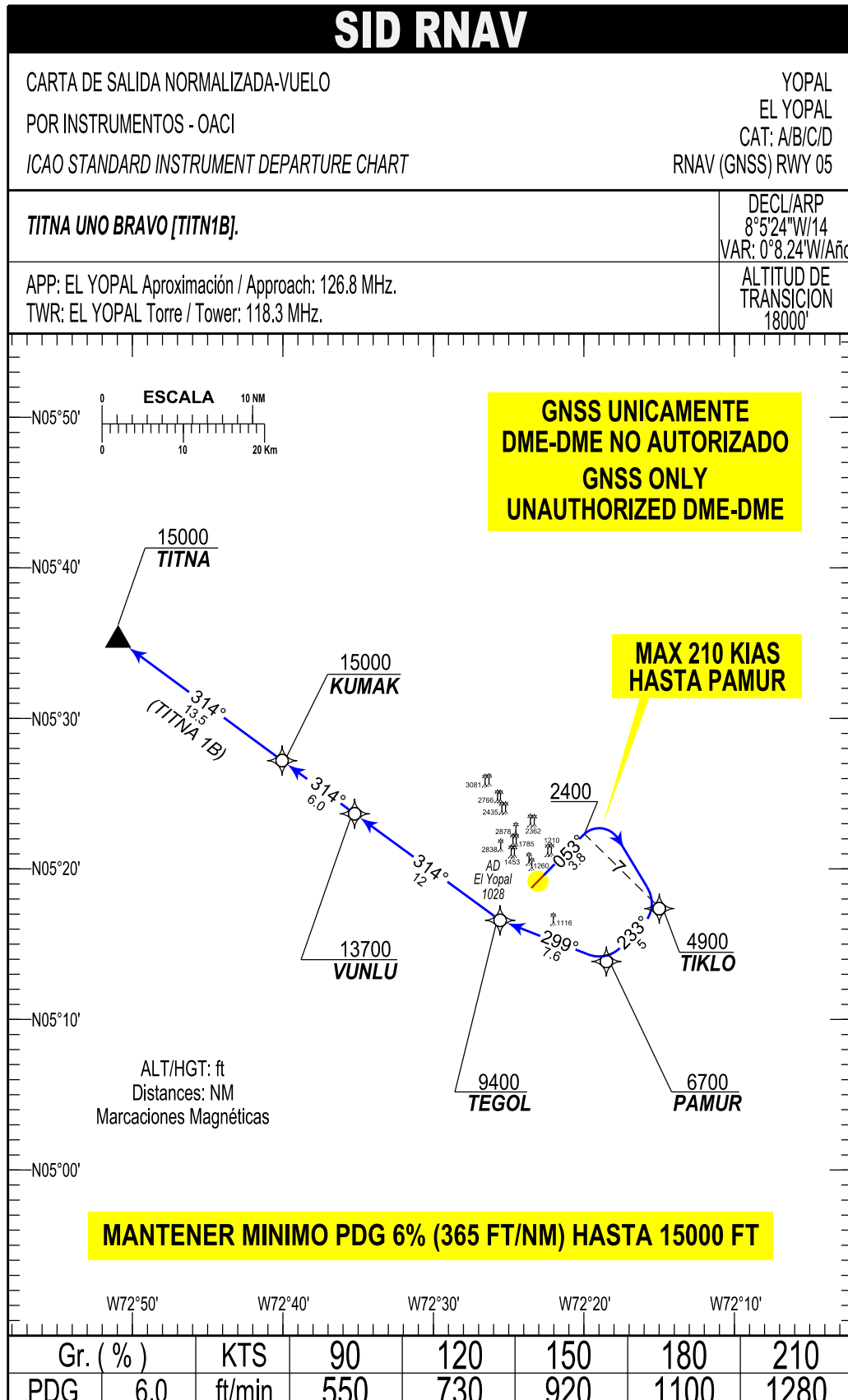
SKYP / SID RNAV (GNSS) RWY 05 / SUPNU 1B

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (Kts) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------------|------------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | X | 2400+ | 210 | 6% | RNAV 1 |
| DF | TIKLO | 05°17'19.28" | 072°14'58,91" | FB | X | X | R | 4900+ | 210 | 6% | RNAV 1 |
| TF | PAMUR | 05°13'46,84" | 072°18'30,73" | FB | 233° (224.90°) | 5 | R | 6700+ | 210 | 6% | RNAV 1 |
| TF | KETIM | 05°13'36.56" | 072°28'30,64" | FB | 277° (269.01°) | 10 | X | 10000+ | X | 6% | RNAV 1 |
| TF | SUPNU | 05°13'19.00" | 072°45'35,00" | FB | 277° (269.01°) | 17 | X | 15000+ | X | 6% | RNAV 1 |

YOPAL / EL YOPAL

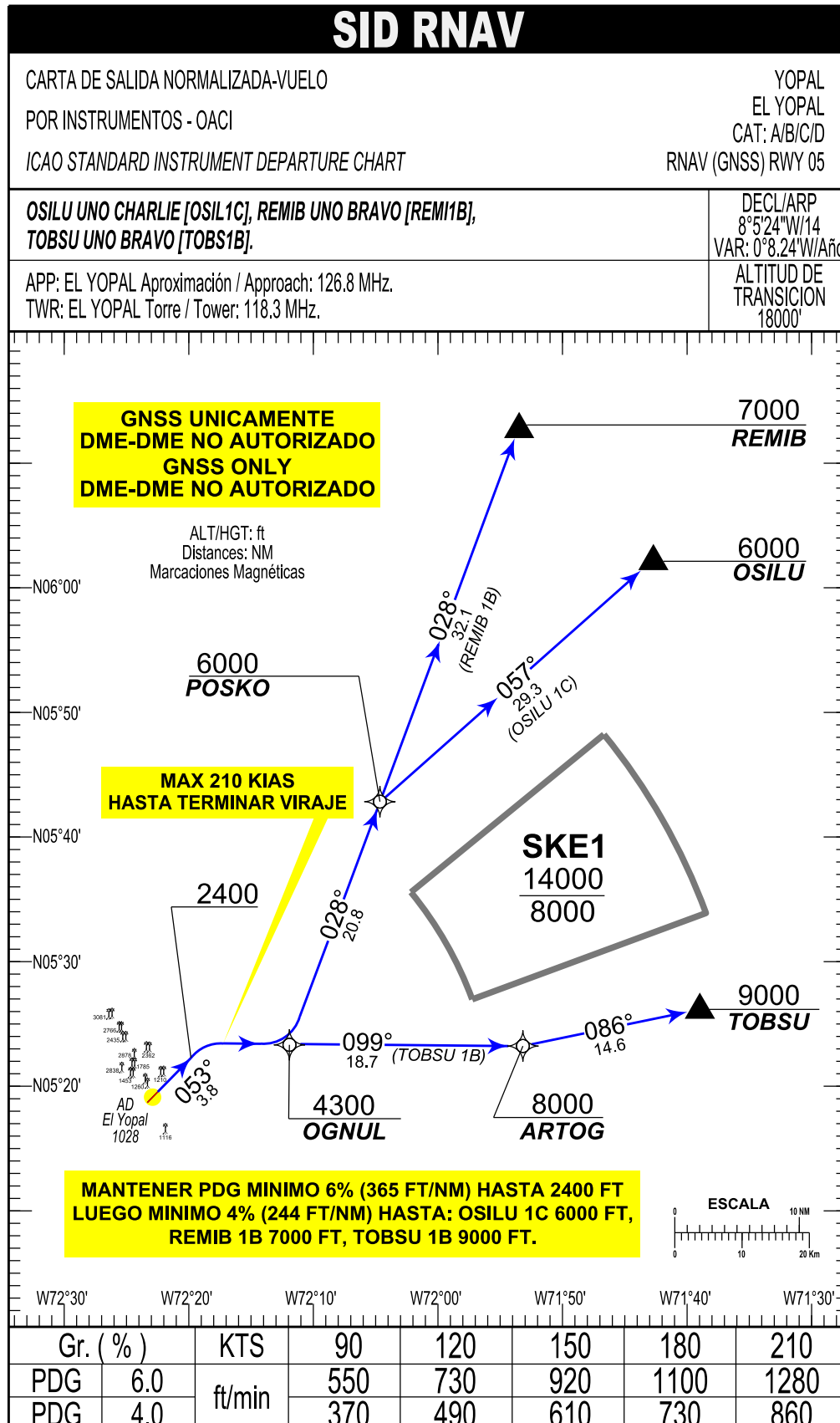
SKYP / SID RNAV (GNSS) RWY 05 / UPI 1C

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (Kts) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------------|------------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | X | 2400+ | 210 | 6% | RNAV 1 |
| DF | TIKLO | 05°17'19.28" | 072°14'58,91" | FB | X | X | R | 4900+ | 210 | 6% | RNAV 1 |
| TF | PAMUR | 05°13'46,84" | 072°18'30,73" | FB | 233° (224.90°) | 5 | R | 5000+ | 210 | X | RNAV 1 |
| TF | UPI | 04°34'35.00" | 072°58'38.00" | FB | 233° (225.67°) | 56.1 | X | 5000+ | X | X | RNAV 1 |



YOPAL / EL YOPAL
SKYP / SID RNAV (GNSS) RWY 05 / TITNA 1B

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (KTs) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|----------|------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | TIKLO | 05°17'19.28" | 072°14'58.91" | FB | X | X | R | 4900+ | 210 | 6% | RNAV 1 |
| TF | PAMUR | 05°13'46.84" | 072°18'30.73" | FB | 233° (224.90°) | 5 | R | 6700+ | 210 | 6% | RNAV 1 |
| TF | TEGOL | 05°16'33.63" | 072°25'36.41" | FB | 299° (291.40°) | 7.6 | R | 9400+ | X | 6% | RNAV 1 |
| TF | VUNLU | 05°23'42.80" | 072°35'14.51" | FB | 314° (306.59°) | 12 | X | 13700+ | X | 6% | RNAV 1 |
| TF | KUMAK | 05°27'17.39" | 072°40'03.57" | FB | 314° (306.59°) | 6 | X | 15000+ | X | 6% | RNAV 1 |
| IF | TITNA | 05°35'21" | 072°50'55" | X | 314° (306.59°) | 13.5 | X | 15000+ | X | X | RNAV 1 |



YOPAL / EL YOPAL

SKYP / SID RNAV (GNSS) RWY 05 / REMIB 1B

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (Kts) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | OGNUL | 05°23'22.52" | 072°12'00.98" | FB | X | X | L | 4300+ | 210 | 4% | RNAV 1 |
| TF | POSKO | 05°42'50.32" | 072°04'38.86" | FB | 028° (020.74°) | 20.8 | X | 6000+ | X | X | RNAV 1 |
| TF | REMIB | 06°12'54" | 071°43'41" | FB | 028° (020.74°) | 32.1 | X | 7000+ | X | X | RNAV 1 |

YOPAL / EL YOPAL

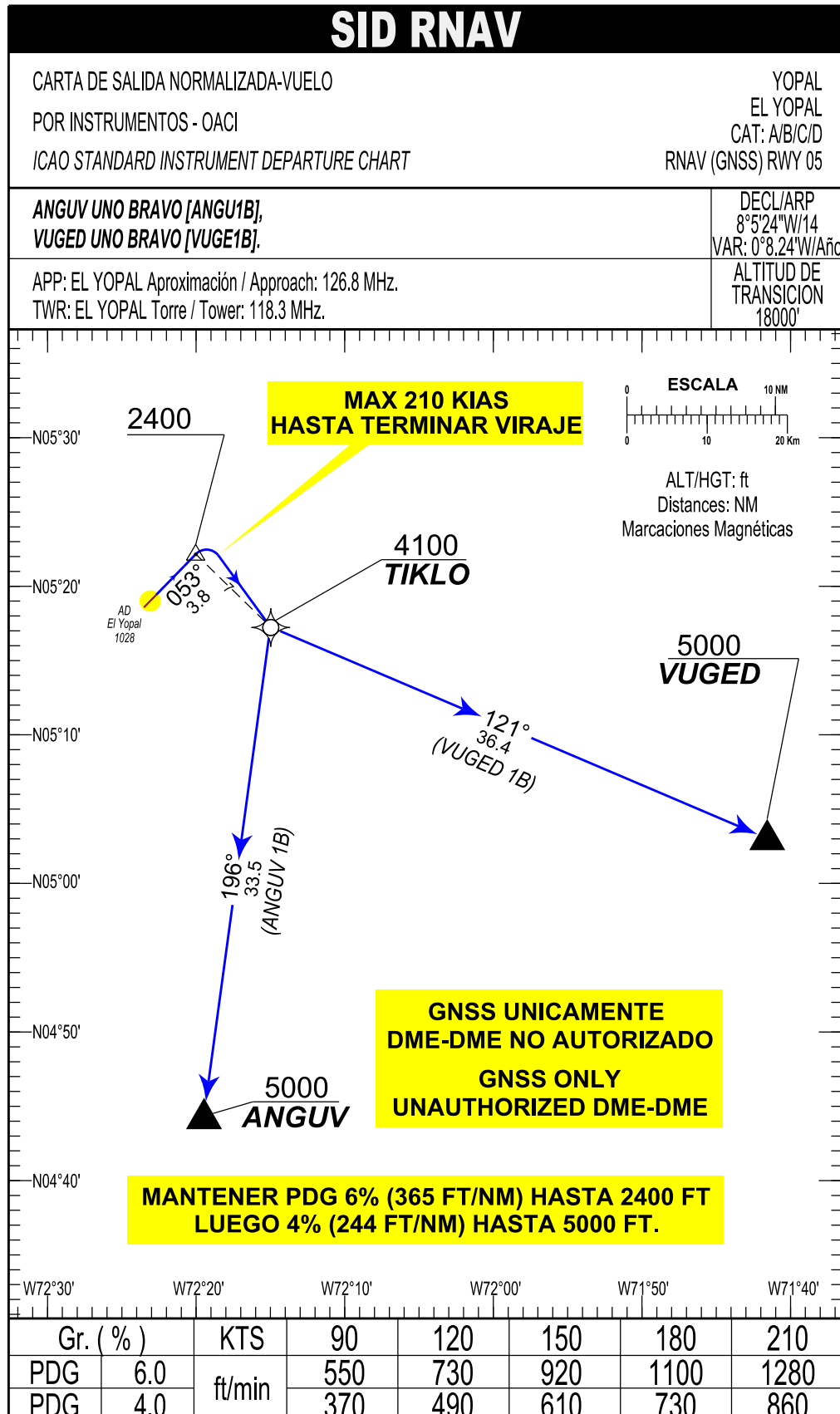
SKYP / SID RNAV (GNSS) RWY 05 / OSILU 1C

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (Kts) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | OGNUL | 05°23'22.52" | 072°12'00.98" | FB | X | X | L | 4300+ | 210 | 4% | RNAV 1 |
| TF | POSKO | 05°42'50.32" | 072°04'38.86" | FB | 028° (020.74°) | 20.8 | R | 6000+ | X | X | RNAV 1 |
| TF | OSILU | 06°02'06" | 071°42'37" | FB | 057° (048.84°) | 29.3 | X | 6000+ | X | X | RNAV 1 |

YOPAL / EL YOPAL

SKYP / SID RNAV (GNSS) RWY 05 / TOBSU 1B

| 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 DEL VIRAJE | ALTITUD + / AT / - | LIMITE DE VELOCIDAD (Kts) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | OGNUL | 05°23'22.52" | 072°12'00.98" | FB | X | X | X | 4300+ | 210 | 4% | RNAV 1 |
| TF | ARTOG | 05°23'07.25" | 071°53'19.08" | FB | 099° (090.78°) | 18.7 | L | 8000+ | 210 | 4% | RNAV 1 |
| TF | TOBSU | 05°26'00" | 071°39'03" | FB | 086° (078.59°) | 14.6 | X | 5000+ | X | X | RNAV 1 |



YOPAL / EL YOPAL
SKYP / SID RNAV (GNSS) RWY 05 / VUGED 1B

| 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) | DIRECCIÓN DEL VIRAJE | ALTITUD + / AT / - | LÍMITE DE VELOCIDAD (KTS) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | TIKLO | 05°17'19.28" | 072°14'58,91" | FB | X | X | L | 4100+ | 210 | 4% | RNAV 1 |
| TF | VUGED | 05°02'52" | 071°41'34" | FB | 121° (113.39°) | 36.4 | X | 5000+ | 210 | X | RNAV 1 |

YOPAL / EL YOPAL
SKYP / SID RNAV (GNSS) RWY 05 / ANGUV 1B

| 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) | DIRECCIÓN DEL VIRAJE | ALTITUD + / AT / - | LÍMITE DE VELOCIDAD (KTS) | PDG % | PERF DE NAV |
|--------------|---------------------------------|----------------------------------|------------------------------------|------------|---------------------|-----------------------------------|-------------------------|-----------------------|---------------------------------|-------|----------------|
| CA | X | X | X | X | 053° (044.90°) | X | R | 2400+ | 210 | 6% | RNAV 1 |
| DF | TIKLO | 05°17'19.28" | 072°14'58,91" | FB | X | X | R | 4100+ | 210 | 4% | RNAV 1 |
| TF | ANGUV | 04°44'09" | 072°19'37" | FB | 196° (187.95°) | 33.5 | X | 5000+ | 210 | X | RNAV 1 |