Secretaría de Transporte
Ministerio de Economía
ANAC | AVIACIÓN CIVIL ARGENTINA

**AIRAC**

# SUPLEMENTO A LA AIP DE LA REPÚBLICA ARGENTINA

**UNIDAD DE PLANIFICACIÓN Y CONTROL DE GESTIÓN**
**DEPARTAMENTO DE PLANIFICACIÓN Y COORDINACIÓN AERONÁUTICA**

**PUBLICACIONES DE INFORMACIÓN AERONÁUTICA**

**A 104 / 2025**
14 de mayo 2025

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BALCARCE 290
(C1064AAF) – C.A.B.A.
REPÚBLICA ARGENTINA

## A 104. TRELEW / ALMIRANTE ZAR (TRE/SAVT): MODIFICACIONES EN AIP VOL. II (AD) – CARTAS DE PROCEDIMIENTO DE VUELO INSTRUMENTAL / *CHANGES IN AIP VOL. II (AD) - INSTRUMENTAL FLIGHT PROCEDURE CHARTS*

**NOTA:** La información actualizada está resaltada en color gris / ***NOTE:*** *Updated information is highlighted in grey.*

**Fecha de efectividad: 10 de julio de 2025 / *Effective date: 10 July 2025***

Reemplazar las siguientes cartas SID / *Replace the following SID chart*

| | | |
|---|---|---|
| RNP EKATO 2C – GATUD 2C – OPSIR 1C - SILAN 2C - ORAMU 2C – LOMUS 1C | PISTA / *RWY 25* | OCT / *OCT 2018* |
| Tabla de Codificación / *Code Table* | | |
| RNP EKATO 2K – GATUD 2K – LOMUS 1K- OPSIR 1K - ORAMU 2K- SILAN 2K | PISTA / *RWY 07* | |
| Tabla de Codificación / *Code Table* | | |

Por las que se adjuntan / *By the following*

| | | |
|---|---|---|
| RNP EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C - GATUD 3C - OPSIR 2C | PISTA / *RWY 25* | JUL / *JUL 2025* |
| Tabla de Codificación / Code Table | | |
| RNP EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K | PISTA / *RWY 07* | |
| Tabla de Codificación / Code Table | | |

Reemplazar las siguientes cartas STAR / Replace the following STAR charts

| | | |
|---|---|---|
| RNP EKATO 2Q –GATUD 2Q –KIGIR 2Q–LOMUS 1Q–OPSIR 1Q–ORAMU 2Q–SILAN 2Q | PISTA / *RWY 25* | ENE / *JAN* 2019 |
| Tabla de Codificación / *Code Table* | | |
| RNP EKATO 2U –GATUD 2U –KIGIR 2U –SILAN 2U-–OPSIR 1U–LOMUS 1U-ORAMU 2U | PISTA / *RWY 07* | |
| Tabla de Codificación / *Code Table* | | |

Por las que se adjuntan / By the following

| | | |
|---|---|---|
| RNP EKATO 3Q - SILAN 3Q - ORAMU 3Q - LOMUS 2Q - KIGIR 3Q - GATUD 3Q - OPSIR 2Q | PISTA / *RWY 25* | JUL / *JUL 2025* |
| Tabla de Codificación / *Code Table* | | |
| RNP EKATO 3U - SILAN 3U - ORAMU 3U - LOMUS 2U - KIGIR 3U - GATUD 3U - OPSIR 2U | PISTA / *RWY 07* | |
| Tabla de Codificación / *Code Table* | | |

Reemplazar las siguientes cartas IAC / *Replace the following IAC charts*

| | | |
|---|---|---|
| ILS Z<br>Tabla de Codificación / *Code Table* | PISTA / *RWY* 25 | OCT / *OCT* 2018 |
| RNP<br>Tabla de Codificación / *Code Table* | PISTA / *RWY* 07 | ABR / *APR* 2022 |

Por las que se adjuntan / *By the following*

| | | |
|---|---|---|
| ILS Z<br>Tabla de Codificación / *Code Table* | PISTA / *RWY* 25 | JUL / *JUL* 2025 |
| RNP<br>Tabla de Codificación / *Code Table* | PISTA / *RWY* 07 | |

Cancela/ *This cancels*: NOTAM A924/2025

| | |
|---|---|
| Afecta / *This affects* | AIP VOL II (AD 2.I, AD 2.K, AD 2.M) |
| Vigencia / *Validity* | Permanente / *Permanent* |

ACTUALICE SU DOCUMENTACIÓN /
*UPDATE YOUR DOCUMENTS*

**ALMIRANTE ZAR (SAVT)** — **SID RNP RWY 25**

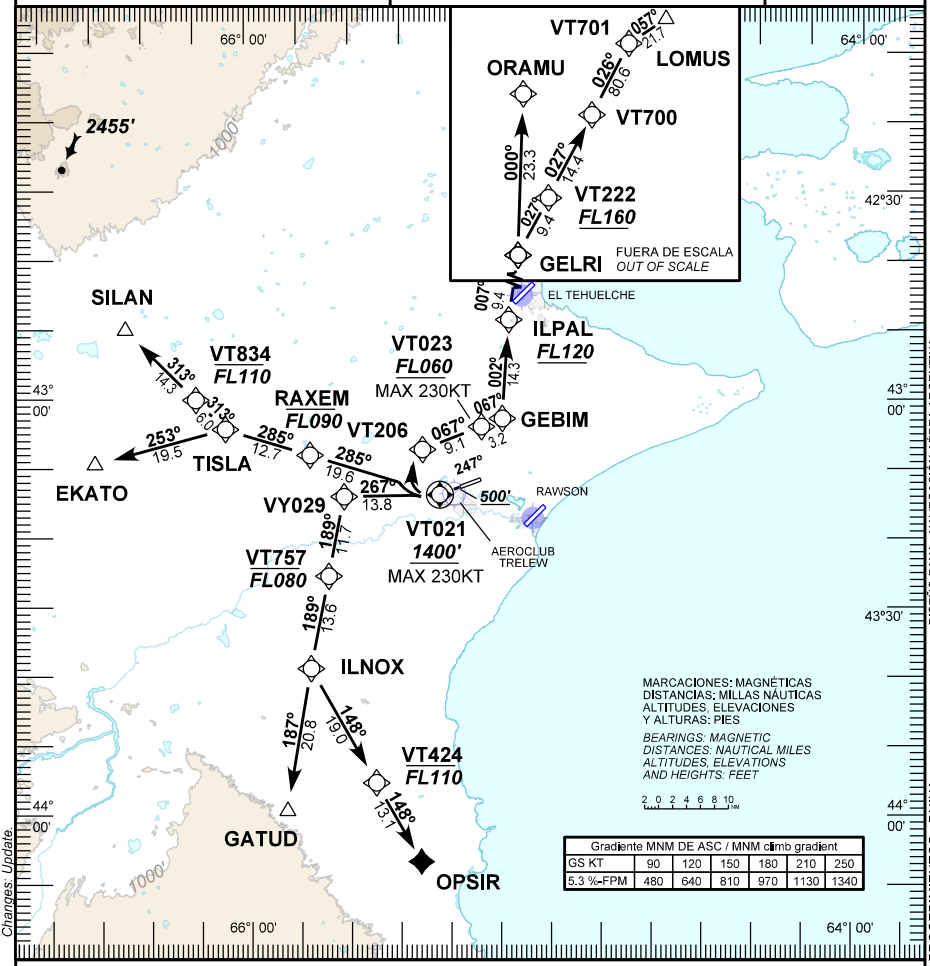
TRELEW — **EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C - GATUD 3C - OPSIR 2C**

| | | | |
|---|---|---|---|
| Requiere Certificación *Certification required* | | AD ELEV *114'* | |
| **RNP 1 / RNAV 1 GNSS** | | TRANS ALT *3000'* | |
| ATIS | TRELEW TWR | COMODORO NORTE/NORTH | EMERG |
| 127.70 | 118.70 120.65 | 125.50 134.35 | 121.50 |
| NOTA: NIL. | | *NOTE: NIL.* | |

02° E (2025)

*3000'*

MSA 25NM ARP




| Gradiente MNM DE ASC / MNM climb gradient | | | | | | |
|---|---|---|---|---|---|---|
| GS KT | 90 | 120 | 150 | 180 | 210 | 250 |
| 5.3 %-FPM | 480 | 640 | 810 | 970 | 1130 | 1340 |

SID LOMUS 2C - ORAMU 3C: Pendiente mínima de ascenso 5.3% hasta ILPAL. (MAX 230KT hasta VT023).
SID SILAN 3C - EKATO 3C - GATUD 3C - OPSIR 2C: Pendiente mínima de ascenso 5.3% hasta VT021. (MAX 230KT hasta VT021).

*SID LOMUS 2C - ORAMU 3C: Minimum climb gradient 5.3% until ILPAL. (MAX 230KT until VT023).*
*SID SILAN 3C - EKATO 3C - GATUD 3C - OPSIR 2C: Minimum climb gradient 5.3% until VT021 (MAX 230KT until VT021).*

*Changes: Update.*

PANS OPS Cambios: Actualización.

DISEÑO EANA - NAVEGACION AEREA ARGENTINA

DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DNINA

| 1/5 ALMIRANTE ZAR (SAVT) SID RNP RWY 25<br>EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C -GATUD 3C - OPSIR 2C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 10 | N/A | N/A | VA | N/A | N/A | 247 (249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59" W 065°22'13.27" | CF | Y | N/A | 247 (249.2) | N/A | +1400 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | VT206 | S 43°07'45.59" W 065°25'39.66" | DF | N | N/A | N/A | R | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT023 | S 43°04'29.07" W 065°14'03.20" | TF | N | 9.1 | 067 (069.0) | N/A | +FL060 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 50 | GEBIM | S 43°03'18.22" W 065°09'56.18" | TF | N | 3.2 | 067 (068.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | ILPAL | S 42°49'03.67" W 065°08'41.53" | TF | N | 14.3 | 002 (003.7) | N/A | +FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 70 | GELRI | S 42°39'45.62" W 065°06'51.17" | TF | N | 9.4 | 007 (008.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 80 | VT222 | S 42°31'29.03" W 065°00'57.27" | TF | N | 9.4 | 027 (027.8) | N/A | +FL160 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 90 | VT700 | S 42°18'46.11" W 064°51'57.02" | TF | N | 14.4 | 027 (027.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 100 | VT701 | S 41°06'47.42" W 064°03'21.80" | TF | N | 80.6 | 026 (027.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

| 2/5 ALMIRANTE ZAR (SAVT) SID RNP RWY 25<br>EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C -GATUD 3C - OPSIR 2C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 110 | LOMUS | S 40°54'42.00"<br>W 063°39'35.00" | TF | N | 21.7 | 057<br>(056.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | N/A | VA | N/A | N/A | 247<br>(249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59"<br>W 065°22'13.27" | CF | Y | N/A | 247<br>(249.2) | N/A | +1400 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 30 | RAXEM | S 43°08'30.35"<br>W 065°47'49.32" | TF | N | 19.6 | 285<br>(287.0) | N/A | -FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | TISLA | S 43°04'41.59"<br>W 066°04'25.12" | TF | N | 12.7 | 285<br>(287.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | VT834 | S 43°00'25.69"<br>W 066°10'10.51" | TF | N | 6.0 | 313<br>(315.3) | N/A | -FL110 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | SILAN | S 42°50'15.00"<br>W 066°23'50.00" | TF | N | 14.3 | 313<br>(315.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | N/A | VA | N/A | N/A | 247<br>(249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59"<br>W 065°22'13.27" | CF | Y | N/A | 247<br>(249.2) | N/A | +1400 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 30 | RAXEM | S 43°08'30.35"<br>W 065°47'49.32" | TF | N | 19.6 | 285<br>(287.0) | N/A | -FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 3/5 ALMIRANTE ZAR (SAVT) SID RNP RWY 25<br>EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C -GATUD 3C - OPSIR 2C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 40 | TISLA | S 43°04'41.59"<br>W 066°04'25.12" | TF | N | 12.7 | 285<br>(287.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | EKATO | S 43°09'34.00"<br>W 066°30'11.00" | TF | N | 19.5 | 253<br>(255.4) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | N/A | VA | N/A | N/A | 247<br>(249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59"<br>W 065°22'13.27" | CF | Y | N/A | 247<br>(249.2) | N/A | +1400 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 30 | VY029 | S 43°14'31.19"<br>W 065°41'08.25" | TF | N | 13.8 | 267<br>(269.0) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT757 | S 43°25'58.14"<br>W 065°44'14.66" | TF | N | 11.7 | 189<br>(191.2) | N/A | -FL080 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | ILNOX | S 43°39'16.98"<br>W 065°47'52.93" | TF | N | 13.6 | 189<br>(191.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | GATUD | S 43°59'47.00"<br>W 065°52'48.00" | TF | N | 20.8 | 187<br>(189.8) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | N/A | VA | N/A | N/A | 247<br>(249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59"<br>W 065°22'13.27" | CF | Y | N/A | 247<br>(249.2) | N/A | +1400 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 4/5 ALMIRANTE ZAR (SAVT) SID RNP RWY 25<br>EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C -GATUD 3C - OPSIR 2C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 30 | VT206 | S 43°07'45.59"<br>W 065°25'39.66" | DF | N | N/A | N/A | R | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT023 | S 43°04'29.07"<br>W 065°14'03.20" | TF | N | 9.1 | 067<br>(069.0) | N/A | +FL060 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 50 | GEBIM | S 43°03'18.22"<br>W 065°09'56.18" | TF | N | 3.2 | 067<br>(068.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | ILPAL | S 42°49'03.67"<br>W 065°08'41.53" | TF | N | 14.3 | 002<br>(003.7) | N/A | +FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 70 | GELRI | S 42°39'45.62"<br>W 065°06'51.17" | TF | N | 9.4 | 007<br>(008.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 80 | ORAMU | S 42°16'30.00"<br>W 065°05'53.00" | TF | N | 23.3 | 000<br>(001.8) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | N/A | VA | N/A | N/A | 247<br>(249.2) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT021 | S 43°14'17.59"<br>W 065°22'13.27" | CF | Y | N/A | 247<br>(249.2) | N/A | +1400 | -230 | RNAV 1 or RNP 1 | 1.0 |
| 30 | VY029 | S 43°14'31.19"<br>W 065°41'08.25" | TF | N | 13.8 | 267<br>(269.0) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT757 | S 43°25'58.14"<br>W 065°44'14.66" | TF | N | 11.7 | 189<br>(191.2) | N/A | -FL080 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 5/5 ALMIRANTE ZAR (SAVT) SID RNP RWY 25<br>EKATO 3C - SILAN 3C - ORAMU 3C - LOMUS 2C -GATUD 3C - OPSIR 2C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 50 | ILNOX | S 43°39'16.98"<br>W 065°47'52.93" | TF | N | 13.6 | 189<br>(191.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | VT424 | S 43°55'48.62"<br>W 065°35'00.89" | TF | N | 19.0 | 148<br>(150.7) | N/A | -FL110 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 70 | OPSIR | S 44°07'12.00"<br>W 065°26'04.00" | TF | N | 13.1 | 148<br>(150.5) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

**ALMIRANTE ZAR (SAVT)** **SID RNP RWY 07**

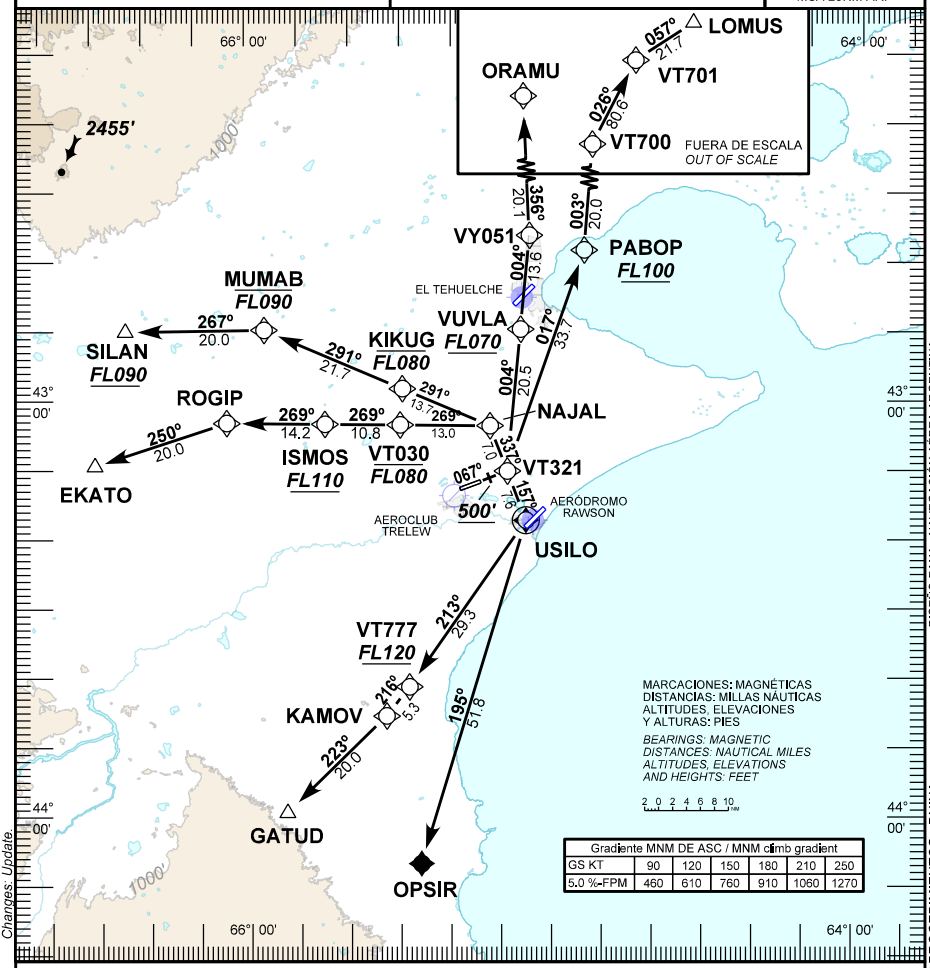
TRELEW **EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K**

| Requiere Certificación *Certification required* | | AD ELEV 114' | |
|---|---|---|---|
| RNP 1 / RNAV 1 GNSS | | TRANS ALT 3000' | |
| ATIS | TRELEW TWR | COMODORO NORTE/NORTH | EMERG |
| 127.70 | 118.70 120.65 | 125.50 134.35 | 121.50 |
| NOTA: NIL. | | *NOTE: NIL.* | |

02° E (2025)

3000'

MSA 25NM ARP




| Gradiente MNM DE ASC / MNM climb gradient | | | | | | |
|---|---|---|---|---|---|---|
| GS KT | 90 | 120 | 150 | 180 | 210 | 250 |
| 5.0 %-FPM | 460 | 610 | 760 | 910 | 1060 | 1270 |

SID EKATO 3K: Pendiente mínima de ascenso 5.0% hasta ISMOS.
SID GATUD 3K: Pendiente mínima de ascenso 5.0% hasta VT777.
SID LOMUS 2K: Pendiente mínima de ascenso 5.0% hasta PABOP.
SID ORAMU 3K: Pendiente mínima de ascenso 5.0% hasta VUVLA.

*SID EKATO 3K: Minimum climb gradient 5.0% until ISMOS.*
*SID GATUD 3K: Minimum climb gradient 5.0% until VT777.*
*SID LOMUS 2K: Minimum climb gradient 5.0% until PABOP.*
*SID ORAMU 3K: Minimum climb gradient 5.0% until VUVLA.*

PANS OPS Cambios: Actualización. *Changes: Update.*

DISEÑO EANA - NAVEGACION AEREA ARGENTINA

DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DNINA

| 1/4 ALMIRANTE ZAR (SAVT) SID RNP RWY 07<br>EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | NAJAL | S 43°04'03.49"<br>W 065°12'21.73" | TF | N | 7.0 | 337<br>(339.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | KIKUG | S 42°58'42.19"<br>W 065°29'34.67" | TF | N | 13.7 | 291<br>(292.9) | N/A | -FL080 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | MUMAB | S 42°50'09.77"<br>W 065°56'39.04" | TF | N | 21.7 | 291<br>(293.1) | N/A | -FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | SILAN | S 42°50'15.00"<br>W 066°23'50.00" | TF | N | 20.0 | 267<br>(269.6) | N/A | +FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | NAJAL | S 43°04'03.49"<br>W 065°12'21.73" | TF | N | 7.0 | 337<br>(339.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT030 | S 43°03'55.67"<br>W 065°30'02.52" | TF | N | 13.0 | 269<br>(270.5) | N/A | -FL080 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 2/4 ALMIRANTE ZAR (SAVT) SID RNP RWY 07<br>EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 50 | ISMOS | S 43°03'47.04"<br>W 065°44'49.31" | TF | N | 10.8 | 269<br>(270.7) | N/A | +FL110 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | ROGIP | S 43°03'32.87"<br>W 066°04'08.71" | TF | N | 14.2 | 269<br>(270.8) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 70 | EKATO | S 43°09'34.00"<br>W 066°30'11.00" | TF | N | 20.0 | 250<br>(352.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | USILO | S 43°17'41.15"<br>W 065°05'14.73" | TF | Y | 7.6 | 157<br>(159.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT777 | S 43°41'42.09"<br>W 065°28'20.23" | TF | N | 29.3 | 213<br>(214.9) | N/A | +FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | KAMOV | S 43°45'53.92"<br>W 065°32'53.71" | TF | N | 5.3 | 216<br>(218.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | GATUD | S 43°59'47.00"<br>W 065°52'48.00" | TF | N | 20.0 | 223<br>(225.9) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 3/4 ALMIRANTE ZAR (SAVT) SID RNP RWY 07<br>EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | VUVLA | S 42°50'08.38"<br>W 065°06'21.73" | TF | N | 20.5 | 004<br>(005.3) | N/A | +FL070 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VY051 | S 42°36'36.45"<br>W 065°04'39.85" | TF | N | 13.6 | 004<br>(005.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | ORAMU | S 42°16'30.00"<br>W 065°05'53.00" | TF | N | 20.1 | 356<br>(357.4) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | PABOP | S 42°38'42.57"<br>W 064°53'56.14" | TF | N | 33.7 | 017<br>(019.2) | N/A | +FL100 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT700 | S 42°18'46.11"<br>W 064°51'57.02" | TF | N | 20.0 | 003<br>(004.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | VT701 | S 41°06'47.42"<br>W 064°03'21.80" | TF | N | 80.6 | 026<br>(027.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | LOMUS | S 40°54'42.00"<br>W 063°39'35.00" | TF | N | 21.7 | 057<br>(056.3) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

| 4/4 ALMIRANTE ZAR (SAVT) SID RNP RWY 07<br>EKATO 3K - SILAN 3K - ORAMU 3K - LOMUS 2K - GATUD 3K - OPSIR 2K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 10 | N/A | S 43°12'22.89"<br>W 065°15'20.37" | CA | N/A | N/A | 067<br>(069.1) | N/A | +500 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT321 | S 43°10'35.96"<br>W 065°08'57.20" | CF | N | N/A | 067<br>(069.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | USILO | S 43°17'41.15"<br>W 065°05'14.73" | TF | Y | 7.6 | 157<br>(159.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | OPSIR | S 44°07'12.00"<br>W 065°26'04.00" | TF | N | 51.8 | 195<br>(196.8) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

**ALMIRANTE ZAR (SAVT)** **STAR RNP RWY 25**

TRELEW **EKATO 3Q - SILAN 3Q - ORAMU 3Q - LOMUS 2Q - KIGIR 3Q - GATUD 3Q - OPSIR 2Q**

| | | | |
|---|---|---|---|
| Requiere Certificación *Certification required* | | AD ELEV 114' | |
| RNP 1 / RNAV 1 GNSS | | TRANS ALT 3000' | |
| ATIS 127.70 | COMODORO NORTE/NORTH 125.50 134.35 | TRELEW TWR 118.70 120.65 | EMERG 121.50 |
| NOTA: Nivel de Transición asignado por ATC. | | *NOTE: Transition level assigned by ATC.* | |

02° E (2025)

3000'

MSA 25NM ARP

FUERA DE ESCALA
*OUT OF SCALE*

LOMUS

KIGIR

208° 98.6

216° 87.2

ORAMU
FL150

141° 17.5

ILPOT

MIGUS

185° 21.8

205° 18.6

ASGIM
FL120

152° 16.0

EL TEHUELCHE

IVROR

SILAN

097° 29.5

SIKUT
FL070

097° 20.0

GEMUD
FL050

096° 12.9

VT037

205° 25.0

158° 7.5

(IAF)
BOBIM
3000'

AEROCLUB TRELEW

RAWSON

EKATO

105° 28.9

VT646
FL090

105° 14.9

105° 13.9

ENRAR
FL120

037° 16.7

(IAF)
MATMU
3000'

VUMPO

VT525
FL120

037° 21.4

009° 41.7

037° 14.8

037° 7.2

VT888
FL170

GATUD

OPSIR

MARCACIONES: MAGNÉTICAS
DISTANCIAS: MILLAS NÁUTICAS
ALTITUDES, ELEVACIONES
Y ALTURAS: PIES

*BEARINGS: MAGNETIC*
*DISTANCES: NAUTICAL MILES*
*ALTITUDES, ELEVATIONS*
*AND HEIGHTS: FEET*

2 0 2 4 6 8 10 NM

66° 00' 65° 00' 64° 00'

42° 00' 44° 00'

3514' 2000' 1000' 1000'

PANS OPS Cambios: Actualización. *Changes: Update.*

DISEÑO EANA - NAVEGACION AEREA ARGENTINA

DIRECCION REGULACION NORMAS Y PROCEDIMIENTOS - DNINA

| 1/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 25<br>EKATO 3Q - SILAN 3Q - ORAMU 3Q - LOMUS 2Q - KIGIR 3Q - GATUD 3Q - OPSIR 2Q | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 10 | EKATO | 43°09'34.00" S<br>066°30'11.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | ENRAR | 43°18'05.21" S<br>065°52'26.19" W | TF | N | 28.9 | 105<br>(107.4) | N/A | -FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | VT646 | 43°22'24.28" S<br>065°32'52.63" W | TF | N | 14.9 | 105<br>(106.9) | N/A | +FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VUMPO | 43°26'22.62" S<br>065°14'36.86" W | TF | N | 13.9 | 105<br>(106.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | MATMU | 43°13'28.81" S<br>065°00'07.44" W | TF | N | 16.7 | 037<br>(039.4) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | GATUD | 43°59'47.00" S<br>065°52'48.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT888 | 43°54'16.75" S<br>065°46'26.54" W | TF | N | 7.2 | 037<br>(039.9) | N/A | -FL170 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | VT525 | 43°42'51.55" S<br>065°33'20.12" W | TF | N | 14.8 | 037<br>(039.8) | N/A | +FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VUMPO | 43°26'22.62" S<br>065°14'36.86" W | TF | N | 21.4 | 037<br>(039.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | MATMU | 43°13'28.81" S<br>065°00'07.44" W | TF | N | 16.7 | 037<br>(039.4) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 2/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 25<br>EKATO 3Q - SILAN 3Q - ORAMU 3Q - LOMUS 2Q - KIGIR 3Q - GATUD 3Q - OPSIR 2Q | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 10 | KIGIR | 41°16'41.00" S<br>063°22'50.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | MIGUS | 42°27'41.00" S<br>064°30'41.00" W | TF | N | 87.2 | 216<br>(215.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | IVROR | 42°44'27.92" S<br>064°41'29.77" W | TF | N | 18.6 | 205<br>(205.4) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | BOBIM | 43°07'01.04" S<br>064°56'11.95" W | TF | N | 25.0 | 205<br>(205.5) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | LOMUS | 40°54'42.00" S<br>063°39'35.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | ILPOT | 42°22'46.00" S<br>064°38'49.00" W | TF | N | 98.6 | 208<br>(206.4) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | IVROR | 42°44'27.92" S<br>064°41'29.77" W | TF | N | 21.8 | 185<br>(185.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | BOBIM | 43°07'01.04" S<br>064°56'11.95" W | TF | N | 25.0 | 205<br>(205.5 | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | OPSIR | 44°07'12.00" S<br>065°26'04.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VUMPO | 43°26'22.62" S<br>065°14'36.86" W | TF | N | 41.7 | 009<br>(011.6) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

| 3/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 25<br>EKATO 3Q - SILAN 3Q - ORAMU 3Q - LOMUS 2Q - KIGIR 3Q - GATUD 3Q - OPSIR 2Q | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 30 | MATMU | 43°13'28.81" S<br>065°00'07.44" W | TF | N | 16.7 | 037<br>(039.4) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | ORAMU | 42°16'30.00" S<br>065°05'53.00" W | IF | N | N/A | N/A | N/A | -FL150 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | ASGIM | 42°30'11.74" S<br>064°51'15.82" W | TF | N | 17.5 | 141<br>(141.7) | N/A | +FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | IVROR | 42°44'27.92" S<br>064°41'29.77" W | TF | N | 16.0 | 152<br>(153.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | BOBIM | 43°07'01.04" S<br>064°56'11.95" W | TF | N | 25.0 | 205<br>(205.5) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | SILAN | 42°50'15.00" S<br>066°23'50.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | SIKUT | 42°55'16.13" S<br>065°44'16.73" W | TF | N | 29.5 | 097<br>(100.0) | N/A | -FL070 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | GEMUD | 42°58'11.38" S<br>065°17'21.54" W | TF | N | 20.0 | 097<br>(098.6) | N/A | -FL050 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | VT037 | 42°59'53.67" S<br>064°59'56.09" W | TF | N | 12.9 | 096<br>(097.7) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | BOBIM | 43°07'01.04" S<br>064°56'11.95" W | TF | N | 7.6 | 158<br>(159.0) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |

**ALMIRANTE ZAR (SAVT)** **STAR RNP RWY 07**

TRELEW **EKATO 3U - SILAN 3U - ORAMU 3U - LOMUS 2U - KIGIR 3U - GATUD 3U - OPSIR 2U**

| | | | |
|---|---|---|---|
| Requiere Certificación *Certification required* | | AD ELEV 114' | |
| RNP 1 / RNAV 1 GNSS | | TRANS ALT 3000' | |
| ATIS 127.70 | COMODORO NORTE/NORTH 125.50 134.35 | TRELEW TWR 118.70 120.65 | EMERG 121.50 |
| NOTA: Nivel de Transición asignado por ATC. | | *NOTE: Transition level assigned by ATC.* | |

02° E (2025)

3000'

MSA 25NM ARP

3009'

66° 00'

65° 00'

42° 00'

LOMUS

KIGIR

FUERA DE ESCALA
*OUT OF SCALE*

208° 98.6

216° 87.2

ORAMU

ILPOT

MIGUS

146° 12.1

VT555
*FL090*

182° 23.2

146° 22.9

200° 19.6

EL TEHUELCHE

UDULI
*FL070*

SILAN

EVLAD
*FL120*

117° 15.2

VT007
*FL100*

118° 6.7

117° 21.6

200° 27.6

(IAF)
ROKAB
*3000'*

43° 00'

EKATO

100° 40.3

AEROCLUB TRELEW

SUPKU

247° 16.0

247° 10.4

AERÓDROMO RAWSON

(IAF)
KAKOG
*3000'*

POPRO
*FL080*
*FL060*

(IAF)
VURPI
*3000'*

352° 27.8

013° 43.3

KAMOV

344° 5.7

VT444
*FL110*

344° 16.2

GATUD

OPSIR

1000'

MARCACIONES: MAGNÉTICAS
DISTANCIAS: MILLAS NÁUTICAS
ALTITUDES, ELEVACIONES
Y ALTURAS: PIES

*BEARINGS: MAGNETIC*
*DISTANCES: NAUTICAL MILES*
*ALTITUDES, ELEVATIONS*
*AND HEIGHTS: FEET*

2 0 2 4 6 8 10 NM

44° 00'

66° 00'

64° 00'

*Changes: Update.*

PANS OPS Cambios: Actualización.

DISEÑO EANA - NAVEGACIÓN AÉREA ARGENTINA

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DNNVA

| 1/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 07<br>EKATO 3U - SILAN 3U - ORAMU 3U - LOMUS 2U - KIGIR 3U - GATUD 3U - OPSIR 2U | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 10 | KIGIR | 41°16'41.00" S<br>063°22'50.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | MIGUS | 42°27'41.00" S<br>064°30'41.00" W | TF | N | 87.2 | 216<br>(215.2) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | UDULI | 42°45'57.17" S<br>064°40'11.20" W | TF | N | 19.6 | 200<br>(201.0) | N/A | +FL070 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | SUPKU | 43°11'41.04" S<br>064°53'44.59" W | TF | N | 27.6 | 200<br>(201.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | POPRO | 43°17'24.64" S<br>065°14'11.03" W | TF | N | 16.0 | 247<br>(248.9) | N/A | -FL080<br>+FL060 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | VURPI | 43°21'05.64" S<br>065°27'28.90" W | TF | N | 10.4 | 247<br>(249.1) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | ORAMU | 42°16'30.00" S<br>065°05'53.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT555 | 42°26'42.94" S<br>064°57'01.54" W | TF | N | 12.1 | 146<br>(147.3) | N/A | -FL090 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | UDULI | 42°45'57.17" S<br>064°40'11.20" W | TF | N | 22.9 | 146<br>(147.2) | N/A | +FL070 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | SUPKU | 43°11'41.04" S<br>064°53'44.59" W | TF | N | 27.6 | 200<br>(201.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |

| 2/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 07<br>EKATO 3U - SILAN 3U - ORAMU 3U - LOMUS 2U - KIGIR 3U - GATUD 3U - OPSIR 2U | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 50 | POPRO | 43°17'24.64" S<br>065°14'11.03" W | TF | N | 16.0 | 247<br>(248.9) | N/A | -FL080<br>+FL060 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | VURPI | 43°21'05.64" S<br>065°27'28.90" W | TF | N | 10.4 | 247<br>(249.1) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | SILAN | 42°50'15.00" S<br>066°23'50.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | EVLAD | 42°57'46.23" S<br>066°05'53.75" W | TF | N | 15.2 | 117<br>(119.8) | N/A | -FL120 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | VT007 | 43°01'07.09" S<br>065°57'57.89" W | TF | N | 6.7 | 118<br>(119.9) | N/A | -FL100 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | ROKAB | 43°11'44.17" S<br>065°32'18.86" W | TF | N | 21.6 | 117<br>(119.6) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | EKATO | 43°09'34.00" S<br>066°30'11.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | KAKOG | 43°18'10.71" S<br>065°36'18.42" W | TF | N | 40.3 | 100<br>(102.6) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | GATUD | 43°59'47.00" S<br>065°52'48.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | KAKOG | 43°18'10.71" S<br>065°36'18.42" W | TF | N | 43.3 | 013<br>(016.2) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |

| 3/3 ALMIRANTE ZAR (SAVT) STAR RNP RWY 07<br>EKATO 3U - SILAN 3U - ORAMU 3U - LOMUS 2U - KIGIR 3U - GATUD 3U - OPSIR 2U | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
| 10 | OPSIR | 44°07'12.00" S<br>065°26'04.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | VT444 | 43°51'27.22" S<br>065°31'07.35" W | TF | N | 16.2 | 344<br>(346.9) | N/A | -FL110 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | KAMOV | 43°45'53.92" S<br>065°32'53.71" W | TF | N | 5.7 | 344<br>(347.0) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | KAKOG | 43°18'10.71" S<br>065°36'18.42" W | TF | N | 27.8 | 352<br>(354.9) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 10 | LOMUS | 40°54'42.00" S<br>063°39'35.00" W | IF | N | N/A | N/A | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 20 | ILPOT | 42°22'46.00" S<br>064°38'49.00" W | TF | N | 98.6 | 208<br>(206.4) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 30 | UDULI | 42°45'57.17" S<br>064°40'11.20" W | TF | N | 23.2 | 182<br>(182.5) | N/A | +FL070 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 40 | SUPKU | 43°11'41.04" S<br>064°53'44.59" W | TF | N | 27.6 | 200<br>(201.1) | N/A | N/A | N/A | RNAV 1 or RNP 1 | 1.0 |
| 50 | POPRO | 43°17'24.64" S<br>065°14'11.03" W | TF | N | 16.0 | 247<br>(248.9) | N/A | -FL080<br>+FL060 | N/A | RNAV 1 or RNP 1 | 1.0 |
| 60 | VURPI | 43°21'05.64" S<br>065°27'28.90" W | TF | N | 10.4 | 247<br>(249.1) | N/A | +3000 | N/A | RNAV 1 or RNP 1 | 1.0 |

**ALMIRANTE ZAR (SAVT)**
TRELEW

Carta de aproximación por instrumentos
*Instrument approach chart*

**ILS Z RWY 25**

| ATIS | TRELEW TWR | EMERG |
|---|---|---|
| 127.70 | 118.70 120.65 | 121.50 |

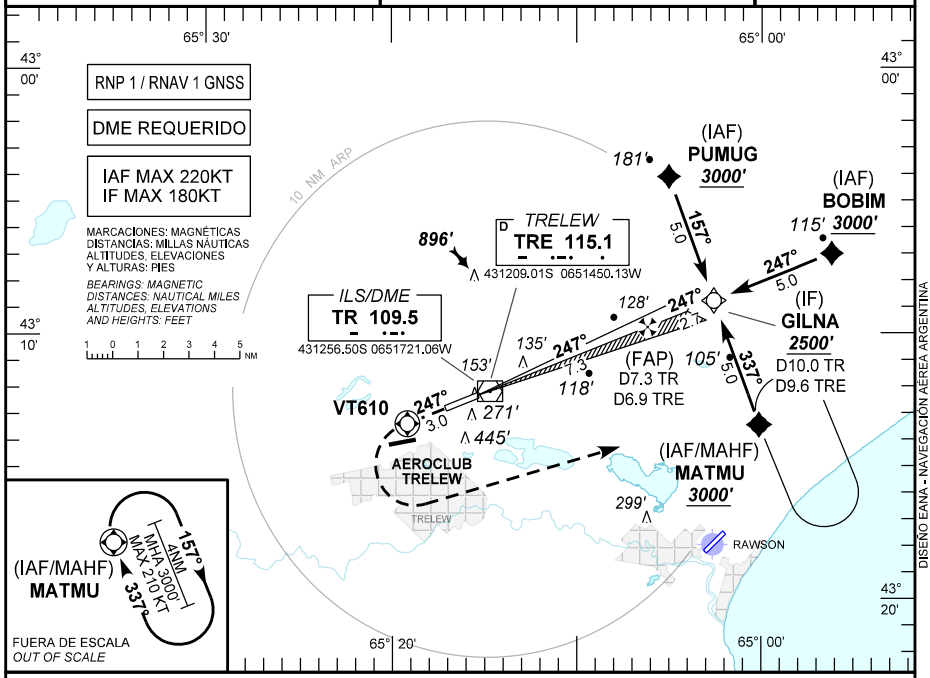
| LOC TR | FINAL APCH CRS | ALTITUD AT FAP | ILS DA(H) | AD Elev / THR Elev |
|---|---|---|---|---|
| 109.5 | 247° | 2500' (2390') | 326' (216') | 114' / 110' |

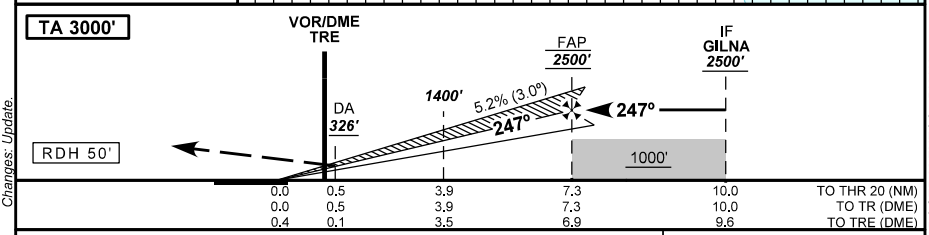
02° E (2025)

Aproximación frustrada: ASC sobre curso 247° hasta VT610, virar a la izquierda DCT MATMU alcanzando 3000 ft, HLDG y seguir instrucciones ATC.
*Missed approach: Climb on course 247° to VT610, turn left DCT MATMU reaching 3000 ft, HLDG and proceed as directed by ATC.*

NOTA: RVR 800 M cuando no se utiliza EVS o piloto automatico hasta la DA.
*NOTE: RVR 800 M when EVS or autopilot until DA is not used.*

MSA 25 NM ARP




DIRECTA RWY 20 / *Straight in RWY 20*

| CAT | ILS/DME | | |
|---|---|---|---|
| | DA 326' / OCA 326' | DH 216' / OCH 216' | |
| | VIS ALS | VIS SIN ALS | |
| A | 800 M | 1200 M | Circulación Visual N.A. *Circle to land N.A.* |
| B | RVR 550 M | RVR 1200 M | |
| C | (ver nota / see note) | | |
| D | | | |

PANS OPS Cambios: Actualización. *Changes: Update.*

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DNINA

## 1/2 ALMIRANTE ZAR (SAVT) ILS Z RWY 25

| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | BOBIM | S 43°07'01.04" W 064°56'11.95" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP 1 or RNAV 1 | 1.0 |
| 20 | GILNA | S 43°08'48.68" W 065°02'34.38" | TF | N | 5.0 | 247 (248.9) | N/A | +2500 | -180 | RNP 1 or RNAV 1 | 1.0 |
| 10 | PUMUG | S 43°04'08.49" W 065°05'00.96" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP 1 or RNAV 1 | 1.0 |
| 20 | GILNA | S 43°08'48.68" W 065°02'34.38" | TF | N | 5.0 | 157 (159.0) | N/A | +2500 | -180 | RNP 1 or RNAV 1 | 1.0 |
| 10 | MATMU | S 43°13'28.81" W 065°00'07.44" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP 1 or RNAV 1 | 1.0 |
| 20 | GILNA | S 43°08'48.68" W 065°02'34.38" | TF | N | 5.0 | 337 (339.0) | N/A | +2500 | -180 | RNP 1 or RNAV 1 | 1.0 |
| 10 | GILNA | S 43°08'48.68" W 065°02'34.38" | IF | N | N/A | N/A | N/A | +2500 | -180 | N/A | N/A |
| 20 | FAP | S 43°09'45.34" W 065°05'57.47" | CF | Y | 2.7 | 247 (249.1) | N/A | @2500 | N/A | N/A | N/A |
| 30 | RW25 | S 43°12'22.91" W 065°15'20.34" | CF | Y | 7.3 | 247 (249.0) | N/A | @160 | N/A | N/A | N/A |
| 40 | VT610 | S 43°13'26.87" W 065°19'10.46" | CF | Y | 3.0 | 247 (249.2) | N/A | N/A | N/A | RNP 1 or RNAV 1 | 1.0 |

| 2/2 ALMIRANTE ZAR (SAVT) ILS Z RWY 25 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 50 | MATMU | S 43°13'28.81" W 065°00'07.44" | DF | N | N/A | N/A | L | +3000 | N/A | RNP 1 or RNAV 1 | 1.0 |
| 60 | MATMU | S 43°13'28.81" W 065°00'07.44" | HM | Y | 4.0 | 337 (339.0) | R | +3000 | -210 | RNP 1 or RNAV 1 | 1.0 |

**ALMIRANTE ZAR (SAVT)**
TRELEW

Carta de aproximación por instrumentos
*Instrument approach chart*

**RNP RWY 07**

| ATIS | TRELEW TWR | EMERG |
|---|---|---|
| 127.70 | 118.70 120.65 | 121.50 |

| LOC TR | FINAL APCH CRS | ALTITUD MNM MAMGO | LNAV/VNAV DA(H) | AD Elev / THR Elev |
|---|---|---|---|---|
| 109.5 | 067° | 1760' (1746') | 444' (330') | 114' / 114' |

02° E (2025)

3000'

MSA 25 NM ARP

Aproximación frustrada: ASC sobre curso 067° hasta VT620, virar a la izquierda DCT ROKAB alcanzando 3000 ft, HLDG y seguir instrucciones ATC.
*Missed approach: Climb on course 067° to VT620, turn left DCT ROKAB MNM 3000 ft, reaching and proceed as directed by ATC.*

NOTA: Para sistemas Baro VNAV no compensado, debajo de -10 °C o superior a 48 °C N.A.

*NOTE: For uncompensated Baro VNAV systems, N.A. below -10 °C or above 48 °C.*

FUERA DE ESCALA
*OUT OF SCALE*

157° 4NM MHA 3000' MAX 210 KT 337°

(IAF/MAHF) ROKAB

RNP APCH

IAF MAX 220KT
IF MAX 180KT

MARCACIONES: MAGNÉTICAS
DISTANCIAS: MILLAS NÁUTICAS
ALTITUDES, ELEVACIONES Y ALTURAS: PIES

*BEARINGS: MAGNETICS*
*DISTANCES: NAUTICAL MILES*
*ALTITUDES, ELEVATIONS AND HEIGHTS: FEET*

1 0 1 2 3 4 5 NM

65° 20' 65° 10' 43° 10' 43° 20' 65° 30'

896'

(IAF/MAHF) ROKAB 3000'

532' 157° 5.0

(FAF) MAMGO 067° 5.0

208' 067° 5.0 VT620

(MAPt) RW07 284'

AEROCLUB TRELEW

TRELEW

RAWSON

486' 067° 5.0

(IF) GUVUM 1800'

(IAF) KAKOG 3000'

337° 5.0

(IAF) VURPI 3000'

624'

10 NM ARP

DISEÑO EANA - NAVEGACIÓN AÉREA ARGENTINA

TA 3000'

IF GUVUM 1800'

FAF MAMGO 1760'

LNAV 530'

LNAV/VNAV 445'

067° 5.2% (3.0°) 067°

MAPt LNAV RW07

1100' MDA

RDH 50'

TO THR 07 (NM) 10.0 5.0 1.1 0.9 0.0

DIRECTA RWY 07 / *Straight in RWY 07*

| CAT | LNAV/VNAV | | LNAV | |
|---|---|---|---|---|
| | DA 445' / OCA 445' | DH 331' / OCH 331' | MDA 530' / OCA 530' | MDH 416' / OCH 416' |
| | VIS | | VIS | |
| A | 1500 M | | 1900 M | |
| B | | | | |
| C | | | | |
| D | | | | |

Circulación Visual N.A.
*Circle to land N.A.*

| GS KT | 90 | 110 | 130 | 150 | 160 | DIST to MAPt | 5,0 | 4,0 | 3,0 | 2,0 | 1,1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FAF - MAPt 5,0 NM | 3:20 | 2:44 | 2:18 | 2:00 | 1:53 | ALT | 1760 | 1440 | 1120 | 800 | 530 |
| FPM | 480 | 580 | 690 | 800 | 850 | HGT | (1646) | (1326) | (1006) | (686) | (416) |

*Changes: Update.*
Cambios: Actualización.
PANS OPS

DIRECCIÓN REGULACIÓN NORMAS Y PROCEDIMIENTOS - DNINA

## 1/2 ALMIRANTE ZAR (SAVT) RNP RWY 07

| Seq Num | Fix Ident | Coordinates | Path Terminator | Fly Over | Distance (NM) | Course M°(T°) | Turn | Alt / Descr (ft/FL) | Speed Limit (Kt) | Navigation Specification | RNP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | ROKAB | S 43°11'44.17" W 065°32'18.86" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP APCH | 1.0 |
| 20 | GUVUM | S 43°16'24.93" W 065°29'54.06" | TF | N | 5.0 | 157 (159.4) | N/A | +1800 | -180 | RNP APCH | 1.0 |
| 10 | VURPI | S 43°21'05.64" W 065°27'28.90" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP APCH | 1.0 |
| 20 | GUVUM | S 43°16'24.93" W 065°29'54.06" | TF | N | 5.0 | 337 (339.3) | N/A | +1800 | -180 | RNP APCH | 1.0 |
| 10 | KAKOG | S 43°18'10.71" W 065°36'18.42" | IF | N | N/A | N/A | N/A | +3000 | -220 | RNP APCH | 1.0 |
| 20 | GUVUM | S 43°16'24.93" W 065°29'54.06" | TF | N | 5.0 | 067 (069.4) | N/A | +1800 | -180 | RNP APCH | 1.0 |
| 10 | GUVUM | S 43°16'24.93" W 065°29'54.06" | IF | N | N/A | N/A | N/A | +1800 | -180 | RNP APCH | 1.0 |
| 20 | MAMGO | S 43°14'38.85" W 065°23'30.01" | TF | N | 5.0 | 067 (069.3) | N/A | +1760 | N/A | RNP APCH | 1,0 |
| 30 | RW07 | S 43°12'52.41" W 065°17'06.35" | TF | Y | 5.0 | 067 (069.3) | N/A | @164 | N/A | RNP APCH | 0.3 |
| 40 | VT620 | S 43°11'05.60" W 065°10'43.06" | CF | Y | 5.0 | 067 (069.2) | N/A | N/A | N/A | RNP APCH | 1.0 |

| 2/2 ALMIRANTE ZAR (SAVT) RNP RWY 07 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Seq Num** | **Fix Ident** | **Coordinates** | **Path Terminator** | **Fly Over** | **Distance (NM)** | **Course M°(T°)** | **Turn** | **Alt / Descr (ft/FL)** | **Speed Limit (Kt)** | **Navigation Specification** | **RNP** |
| 50 | ROKAB | S 43°11'44.17" W 065°32'18.86" | DF | N | N/A | N/A | L | +3000 | N/A | RNP APCH | 1,0 |
| 60 | ROKAB | S 43°11'44.17" W 065°32'18.86" | HM | Y | 4.0 | 157 (159.2) | N/A | +3000 | -210 | RNP APCH | 1.0 |