

**AD 2. AERODROMES****SUCA AD 2.3-1 AERODROME LOCATION INDICATOR AND NAME**

SUCA - COLONIA/International "Laguna de los Patos"

**SUCA 2.3-2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	<i>ARP coordinates and site at AD</i>	342705S 0574601W Apron centre
2	<i>Direction and distance from (city)</i>	9 KM SE from the city
3	<i>Elevation/Reference temperature</i>	20 M (66 FT) / 28°C
4	<i>Geoid undulation at AD ELEV PSN</i>	16 M
5	<i>MAG VAR/Annual change</i>	10° W (JAN 2020) / 0.16° increasing
6	<i>AD operator, address, telephone, telefax, e-mail address, AFS address, website address</i>	Dirección Nacional de Aviación Civil e Infraestructura Aeronáutica Aeropuerto Intl de Colonia Tel: 4522 4853, 4522 2319, 4522 2501 Telefax: 4522 2319 ✉ e-mail: operacionessuca@dinacia.gub.uy AFS: SUCAYTYX
7	<i>Types of traffic permitted (IFR/VFR)</i>	IFR/VFR
8	<i>Remarks</i>	Nil

**SUCA AD 2.3-3 OPERATIONAL HOURS**

1	<i>AD Operator</i>	MON – SUN 10:00 to 22:00 UTC
2	<i>Customs and immigration</i>	O/R
3	<i>Health and sanitation</i>	Only in the city
4	<i>AIS Briefing Office</i>	As AD Operator
5	<i>ATS Reporting Office (ARO)</i>	As AD Operator
6	<i>MET Briefing Office</i>	As AD Operator
7	<i>ATS</i>	MON - SUN 10:00 to 22:00 UTC
8	<i>Fuelling</i>	MON – SUN 11:00 to 20:00 UTC
9	<i>Handling</i>	As AD Operator
10	<i>Security</i>	Nil
11	<i>De-icing</i>	Nil
12	<i>Remarks</i>	Nil

**SUCA AD 2.3-4 HANDLING SERVICES AND FACILITIES**

1	<i>Cargo-handling facilities</i>	2 cages
2	<i>Fuel/oil types</i>	Fuel 100/130, JET A-1 / Oil: Nil
3	<i>Fuelling facilities/capacity</i>	Fuel 100/130: 9.000 L; JET A-1: 6.000 L
4	<i>De-icing facilities</i>	Nil
5	<i>Hangar space for visiting aircraft</i>	Nil
6	<i>Repair facilities for visiting aircraft</i>	Nil
7	<i>Remarks</i>	Nil

**SUCA AD 2.3-5 PASSENGER FACILITIES**

1	<i>Hotels</i>	In the city
2	<i>Restaurants</i>	In the city
3	<i>Transportation</i>	☛Taxis O/R; bus service at 1000 M
4	<i>Medical facilities</i>	In the city
5	<i>Bank and Post Office</i>	In the city
6	<i>Tourist Office</i>	In the city
7	<i>Remarks</i>	Nil

**SUCA AD 2.3-6 RESCUE AND FIRE FIGHTING SERVICES**

1	<i>AD category for fire fighting</i>	☛ Manual extinguishers
2	<i>Rescue equipment</i>	Nil
3	<i>Capability for removal of disabled aircraft</i>	Nil
4	<i>Remarks</i>	In case of major accident, FAU aircraft support immediate response, FAU rescue personnel, firefighters and doctors specializing in severe polytrauma.

**SUCA AD 2.3-7 SEASONAL AVAILABILITY - CLEARING**

1	<i>Types of clearing equipment</i>	Nil
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**SUCA AD 2.3-8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	<i>Apron surface and strength</i>	Surface: bituminous treatment Strength: 10/F/B/W/U
2	<i>Taxiway width, surface and strength</i>	Width: 15 M Surface: bituminous treatment Strength: 10/F/B/W/U
3	<i>Altimeter checkpoint location and elevation</i>	Apron centre (342705S/0574601W) 27 M
4	<i>VOR/INS checkpoints</i>	Nil
5	<i>Remarks</i>	Nil

**SUCA AD 2.3-9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Nil
2	<i>RWY and TWY markings and LGT</i>	RWY: Designation, centre line and THR TWY: Centre line and holding positions.
3	<i>Stop bars</i>	Nil
4	<i>Remarks</i>	Nil

**SUCA AD 2.3-10 AERODROME OBSTACLES**

<i>In approach/TKOF areas</i>			<i>In circling area and at AD</i>		<i>Remarks</i>
1			2		3
<i>RWY/Area affected</i>	<i>Obstacle type Elevation Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type Elevation Markings/LGT</i>	<i>Coordinates</i>	Nil
a	b	c	a	b	
13/APCH	Antenna 126 M 300°	No data AVBL	Antenna 150 M 330°	No data AVBL	

**SUCA AD 2.3-11 METEOROLOGICAL INFORMATION PROVIDED**

1	<i>Associated MET Office</i>	COLONIA
2	<i>Hours of service MET Office outside hours</i>	☛ As AD Operator -
3	<i>Office responsible for TAF preparation Periods of validity</i>	Surveillance MET Office CARRASCO H 24
4	<i>Trend forecast Interval of issuance</i>	Nil
5	<i>Briefing/consultation provided</i>	O/R
6	<i>Flight documentation Language(s) used</i>	Nil
7	<i>Charts and other information available for briefing or consultation</i>	O/R
8	<i>Supplementary equipment available for providing information</i>	Nil
9	<i>ATS units provided with information</i>	SUCA TWR
10	<i>Additional information (limitation of service, etc.)</i>	Nil

**SUCA AD 2.3-12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates.	THR elevation
				RWY end coordinates. THR geoid undulation	and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
13	☛117.96°	1 370 x 30	10/F/B/W/U Bituminous treatment	342712.60S 0574638.02W 342712.60S 0574638.02W GUND 16.0 M	THR 20 M/66 FT -
31	☛297.96°	1 370 x 30	10/F/B/W/U Bituminous treatment	342733.53S 0574550.42W 342733.53S 0574550.42W GUND 16.0 M	THR 10 M/33 FT TDZ 12 M/40 FT
Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
+0.2%/+0.71%/+1.1%/ +0.7% (225 M) (350 M) (325 M) (470 M)	Nil	Nil	☛1 490 x 280	Nil	Nil
-0.7%/-1.1%/-0.7%/ -0.2% (470 M) (325 M) (350 M) (225 M)	Nil	Nil	☛1 490 x 280	Nil	Nil

**SUCA AD 2.3-13 DECLARED DISTANCES**

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
13	1 370	1 370	1 370	1 370	Nil
31	1 370	1 370	1 370	1 370	Nil

**SUCA AD 2.3-14 APPROACH AND RUNWAY LIGHTING**

<i>RWY Desig- nator</i>	<i>APCH LGT type LEN INTST</i>	<i>THR LGT colour WBAR</i>	<i>VASIS (MEHT) PAPI</i>	<i>TDZ, LGT LEN</i>	<i>RWY Centre Line LGT Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN (M) colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
13	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
31	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**SUCA AD 2.3-15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: TWR building / IBN: Nil
2	<i>LDI location and LGT Anemometer location and LGT</i>	WDI: 600 M S of ARP Anemometer: 800 M of RWY centre line
3	<i>TWY edge and centre line lighting</i>	Edge: Nil Centre: Nil
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply: 200 KW generator. Switch-over time: 10 SEC
5	<i>Remarks</i>	Nil

**SUCA AD 2.3-16 HELICOPTER LANDING AREA**

1	<i>Coordinates TLOF or THR of FATO</i>	Nil
2	<i>TLOF and/or FATO elevation M/FT</i>	Nil
3	<i>TLOF and FATO area dimensions, surface, strength, marking</i>	Nil
4	<i>True and MAG BRG FATO</i>	Nil
5	<i>Declared distance available</i>	Nil
6	<i>APP and FATO lighting</i>	Nil
7	<i>Remarks</i>	Nil

**SUCA AD 2.3-17 ATS AIRSPACE**

1	<i>Designation and lateral limits</i>	COLONIA CTR Radius arc of 10 NM centred at 342705S/0574601W (ARP) up to FIR limit  COLONIA ATZ Circle, radius 4 NM (7.4 KM) centred at 342705S/0574601W
2	<i>Vertical limits</i>	CTR: SFC up to FL 055          ATZ: SFC up to 450 M
3	<i>Airspace classification</i>	From MON to SUN from 10:00 to 22:00 UTC: "C"; others: "G"
4	<i>ATS unit call sign Language(s)</i>	Colonia Tower ☛ Spanish, English (O/R)
5	<i>Transition altitude</i>	900 M
6	<i>Remarks</i>	Nil

**SUCA AD 2.3-18 ATS COMMUNICATION FACILITIES**

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
TWR	Colonia Tower	120.8 MHZ 122.1 MHZ	As AD	Nil

**SUCA AD 2.3-19 RADIO NAVIGATION AND LANDING AIDS**

<i>Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/MLS, give declination)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Position of transmitting antenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
Nil	Nil	Nil	Nil	Nil	Nil	

## SUCA AD 2.3-22 FLIGHT PROCEDURES

### ✈ IFR takeoff minimums

✈ The minimum applicable for take-off in terms of ceiling and visibility shall be the minimum expected for the instrumental approach procedure published for the runway in use. If a visual circulation is necessary, the minimums published for the runway in use shall be applied.

- a) ✈ Aircraft must be equipped with the necessary instruments for the operation;
- b) ✈ the necessary radio aids must be operational

### ✈ IFR landing minimums

✈ The minimum necessary for landing in terms of ceiling and visibility, shall be the minimum for the instrumental approach procedure published for the runway in use.

### Minimum vertical separation in the Traffic Circuit of Colonia.

Nil.

### Coordination, control and communication procedures between Colonia Aerodrome (SUCA) and Jorge Newbery Aeroparque (SABE) - 01 APR 2019

#### *VFR traffic routing*

VFR traffic from Ezeiza FIR originated in SABE whose destination is SUCA aerodrome, shall be routed by SURBO corridor and shall be instructed to communicate with Colonia Torre.

VFR traffic from SUCA aerodrome and whose destination is SABE aerodrome, shall be routed by SURBO corridor and shall be instructed to communicate with Aeroparque Torre.

All aircrafts must maintain communication / listening at the frequencies established according to the airspace overfly.

All aircrafts must have transponder (Mode A and C) operative and fly to the flight levels or altitudes established in the corresponding Table of Cruise Levels, in the AIP of each State.

#### *IFR traffic routing*

IFR flights shall be developed at 600 M (2000 FT) or higher, and must fly at the flight levels or altitudes established in the AIP of each State.

#### Traffic to SUCA Aerodrome:

The aircraft shall receive the control authorization from Aeroparque Approach up to SURBO position. Between SABE and SURBO the aircraft shall maintain communication with Aeroparque Aproximación and from the position SURBO shall communicate with Colonia Torre.

Note: in the event that the aircraft reaches SURBO position and has not established communication with Colonia Torre, it must comply with the Communication Failure Procedure established by ICAO.



☛ Traffic to SABE Aerodrome:

☛ Colonia Torre shall coordinate the air traffic control authorization with Aeroparque Aproximación through the established direct oral link.

☛ This authorization shall be extended from SURBO position and shall include the following information:

- a) Estimated time of approach;
- b) SSR code assigned;
- c) altitude or flight level (FL);
- d) ATS Dependency and frequency with which you must communicate in SURBO.

☛ ***Coordination***

☛ The coordination prior to the transfer shall be made through the exchange of ATS messages prescribed according to ICAO Doc. 4444-PANS ATM and in particular of the following:

- FPL- Flight plan
- DLA- Delay
- CHG- Modification
- ALR- Alert
- CNL- Cancellation

☛ For the coordination among the agencies, direct oral channels shall be used.

**SUCA AD 2.3-24 CHARTS RELATED TO AN AERODROME**

Aerodrome/Heliport Chart - ICAO.....	AD 2.3-11
Instrument Approach Chart - ICAO RNAV (GNSS) RWY 13 .....	AD 2.3-13
Instrument Approach Chart - ICAO RNAV (GNSS) RWY 31 .....	AD 2.3-15

AERODROME/HELIPORT **34°27'05"S** **ELEV 20**  
CHART - ICAO **057°46'01"W** **(66)**

**TWR 120.8 122.1**  
**APRON 120.8 - 122.1**

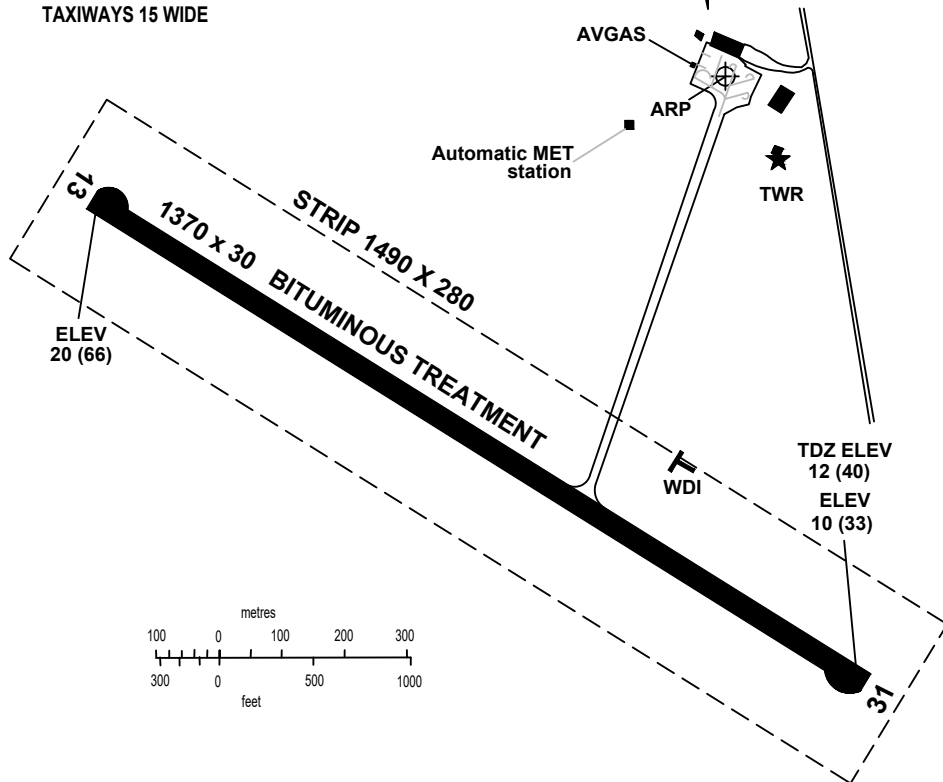
**COLONIA/Intl**  
**Laguna de los Patos**

RWY	DIRECTION	THR	GUND	BEARING STRENGTH
13	← 128°	34°27'12.60"S 57°46'38.02"W	16.0 M	Runway, Apron and Taxiways PCN 10/F/B/W/U
31	→ 308°	34°27'33.53"S 57°45'50.42"W	16.0 M	

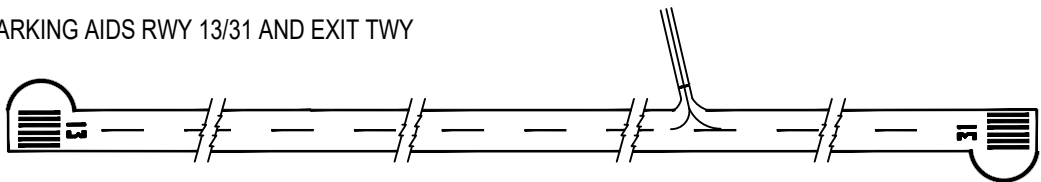
VAR 10° N - 2020  
ANNUAL RATE  
OF CHANGE 0.9° W

ELEVATIONS IN METRES (AND FEET)  
DIMENSIONS IN METRES  
BEARING ARE MAGNETIC

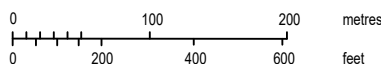
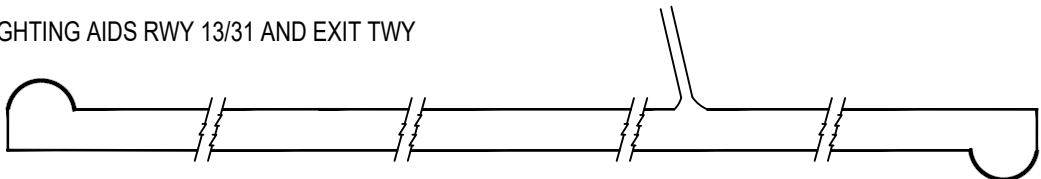
TAXIWAYS 15 WIDE



MARKING AIDS RWY 13/31 AND EXIT TWY



LIGHTING AIDS RWY 13/31 AND EXIT TWY



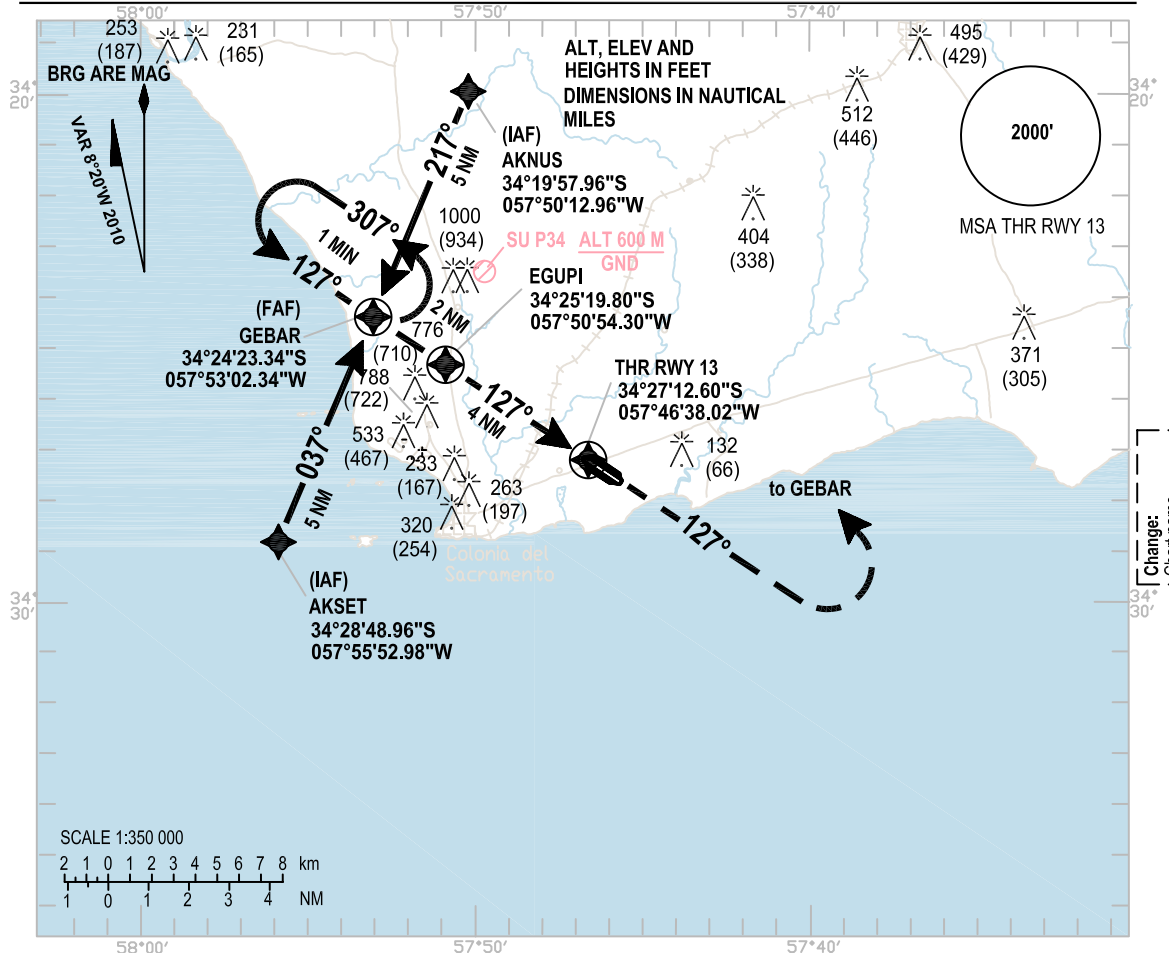
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INSTRUMENT  
APPROACH  
CHART - ICAO

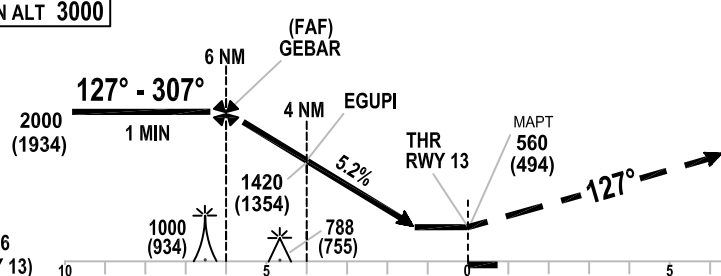
AERODROME ELEV **66 FT**  
HEIGHTS RELATED TO  
**THR RWY 13 - ELEV 66 FT**

**TWR 120.8 - 122.1**

**COLONIA/Intl**  
**Laguna de los**  
**Patos** RNAV (GNSS)  
RWY 13



**TRANSITION ALT 3000**



MISSED APPROACH  
**Climb on RWY 13 with heading 127° up to 2000 FT, then turn left heading to GEBAR**

ELEV 66 (THR RWY 13)		10	5	0	5	10	NM to THR RWY 13						
OCA/H	A	B	C	D	KT	80	100	120	140	160	180	200	
GPS	560(494)				Min : Sec	3:20	2:48	2:15	1:50	1:40	1:30	1:20	
VIS	1600 M		2000 M		Rate of descent	Feet/Min	400	500	600	700	800	900	1000
Straight-in Approach					NM RWY 13	0	1	2	3	4			
					ALTITUDE	130	450	700	1080	1420			
Circling VIS	Circling not allowed				HEIGHT	60	380	640	1017	1354			

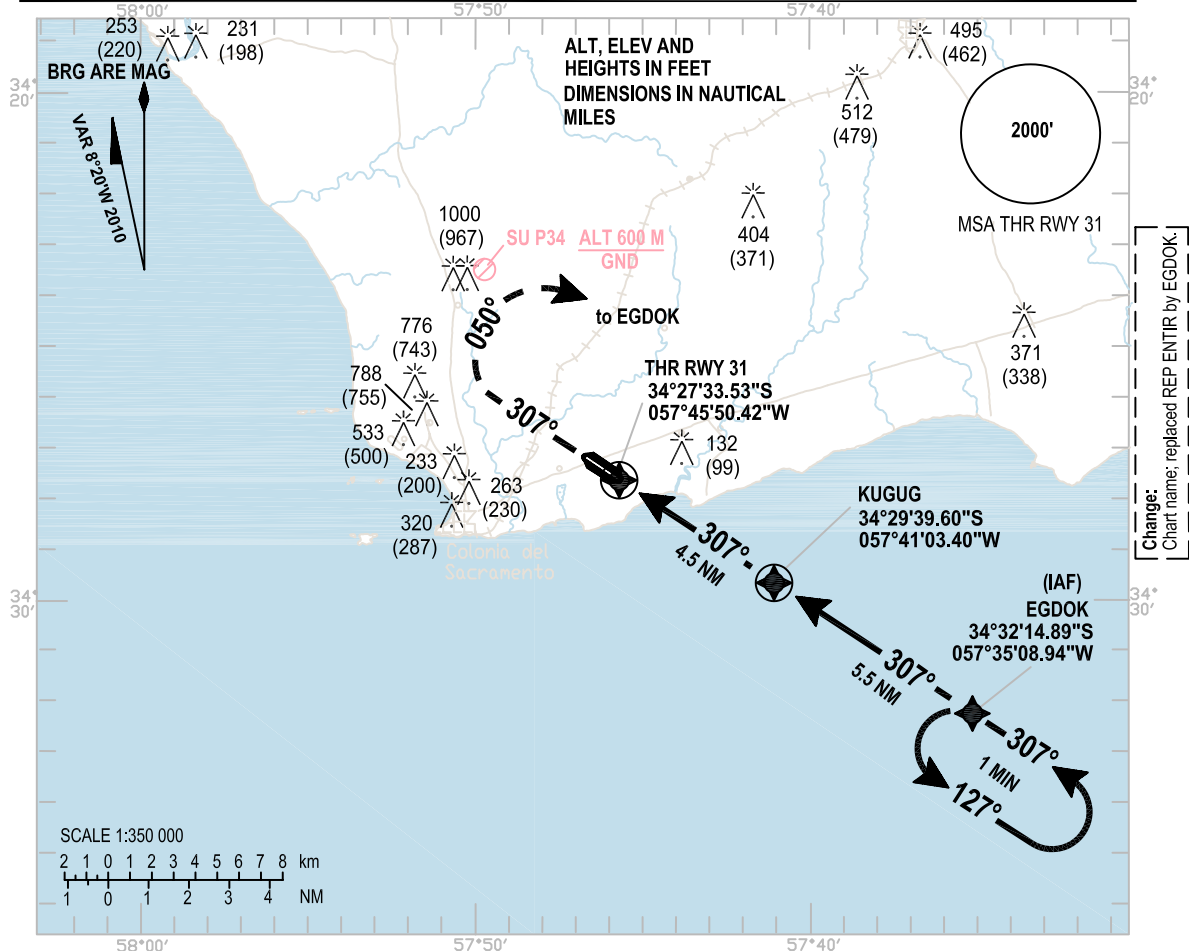
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INSTRUMENT  
APPROACH  
CHART - ICAO

AERODROME ELEV **66 FT**  
HEIGHTS RELATED TO  
**THR RWY 31 - ELEV 33 FT**

**TWR 120.8 - 122.1**

**COLONIA/Intl**  
**Laguna de los**  
**Patos** RNAV (GNSS)  
**RWY 31**

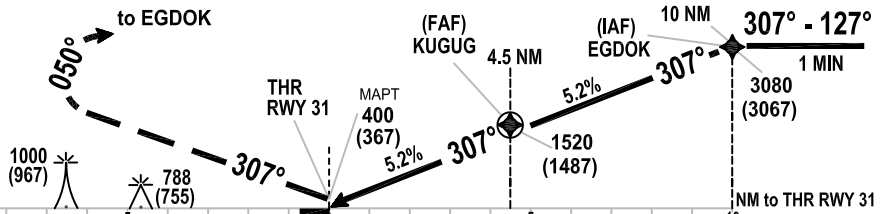


Change:  
Chart name: replaced REP ENTIR by EGDOK.

MISSED  
APPROACH

**TRANSITION ALT 3000**

Climb on RWY 31 on right turn with heading 050° to 3000 FT, then head to EGDOK and ask for directives to TWR.



ELEV 33  
(THR RWY 31)

OCA/H		A	B	C	D														
Straight-in Approach	GPS	<b>400 (367)</b>																	
	VIS	1500 M		2000 M		KUGUG to RWY 31						KT	80	100	120	140	160	180	200
	VDP	1 NM THR 31				Rate of descent 5,2%						Min : Sec	3:52	3:00	2:30	2:10	1:50	1:42	1:25
						NM RWY 31						Feet/Min	430	530	640	750	850	950	1060
Circling VIS		Circling not allowed										NM RWY 31	0	1	2	3	4	5	
												ALTITUDE	88	400	720	1050	1370	1520	
												HEIGHT	55	367	687	1017	1304	1487	

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