



# **INFORME DE VERIFICACIÓN Y VALIDACIÓN**

**Récord Ida y Vuelta: 303,1 km**  
**Categoría General**

**Leonardo Andrade Vallebella**  
**23/12/2023**

# Record Ida y Vuelta Leonardo Andrade Vallebella

## Horarios Sol en Iquique el 23-12-2023 (SHOA)

- Orto: 06:59 hrs. (UTC -03:00)
- Ocaso: 20:20 hrs. (UTC -03:00)

## Horarios del vuelo:

- ✓ Despegue: 10:27 hrs. (UTC -03:00)
- ✓ Aterrizaje: 20:12 hrs. (UTC -03:00)

|           |  |  |
|-----------|--|--|
| pilot :   | <a href="#">Leonardo Andrade</a>   | CL                            |
|           | <a href="#">[leoglider]</a>  |  |
| date :    | <a href="#">23.12.2023 10:27</a>   | =UTC-03:00   |
| launch :  | <a href="#">Iquique</a>  | CL                            |
| route :   | 309.87 km  |  433.82 p.                    |
| glider :  | Enzo 3   |  |
| airtime : | 9:45 h   | Ø 31.87 km/h   |
|           |  <a href="#">IGC file</a> |  <a href="#">Google Earth</a> |

[Flight](#) [Route](#) [Start](#) [Land](#)

|                    |                                 |
|--------------------|---------------------------------|
| <b>Start point</b> |                                 |
| time :             | <a href="#">10:27:34</a> -03:00 |
| altitude :         | 537 m                           |
| GPS lat :          | <a href="#">20.2736 S</a>       |
| GPS lon :          | <a href="#">70.11035 W</a>      |

[Flight](#) [Route](#) [Start](#) [Land](#)

|                  |                                 |
|------------------|---------------------------------|
| <b>End point</b> |                                 |
| time :           | <a href="#">20:12:43</a> -03:00 |
| altitude :       | 0 m                             |
| GPS lat :        | <a href="#">20.24855 S</a>      |
| GPS lon :        | <a href="#">70.138867 W</a>     |

# Record Ida y Vuelta Leonardo Andrade Vallebella

- **Puntos de control relevantes:**
  - Punto de inicio: despegue (SP)
  - Punto sur: Caleta Punta Arenas (TP2)
  - Retorno y distancia al Punto de Inicio (<800m)

## Flight detail Leonardo Andrade · 23.12.2023 · 309.87 km

|           |                                  |                              |
|-----------|----------------------------------|------------------------------|
| pilot :   | <a href="#">Leonardo Andrade</a> | CL                           |
|           | <a href="#">[leoglider]</a>      |                              |
| date :    | <a href="#">23.12.2023 10:27</a> | -UTC-03:00                   |
| launch :  | <a href="#">Iquique</a>          | CL                           |
| route :   | <b>309.87 km</b>                 | <b>433.82 p.</b>             |
| glider :  | Enzo 3                           |                              |
| airtime : | 9:45 h                           | Ø 31.87 km/h                 |
|           | <a href="#">IGC file</a>         | <a href="#">Google Earth</a> |

[Flight](#) [Route](#) [Start](#) [Land](#)

|                  |               |
|------------------|---------------|
| route length :   | 309.87 km     |
| route duration : | 9:43:25 h     |
| avg. speed :     | 31.87 km/h    |
| route type :     | flat triangle |
| coeficient :     | 1.40          |
| points :         | 433.82 p.     |

[SP](#) [L](#) [TP1](#) [L](#) [TP2](#) [L](#) [TP3](#) [L](#) [KB](#)

|                    |                            |
|--------------------|----------------------------|
| <b>Start point</b> |                            |
| time :             | 10:28:27 -03:00            |
| altitude :         | 530 m                      |
| GPS lat :          | 20.274 S                   |
| GPS lon :          | <a href="#">70.11125 W</a> |



# Record Ida y Vuelta Leo Andrade Vallebella

**Punto de inicio: despegue (SP)**

Lat: 20.274 S

Lon: 70.11125 W

Flight detail Leonardo Andrade · 23.12.2023 · 309.87 km

|           |                                  |                              |
|-----------|----------------------------------|------------------------------|
| pilot :   | <a href="#">Leonardo Andrade</a> | CL                           |
|           | <a href="#">[leoglider]</a>      |                              |
| date :    | <a href="#">23.12.2023 10:27</a> | -UTC-03:00                   |
| launch :  | <a href="#">Iquique</a>          | CL                           |
| route :   | <b>309.87 km</b>                 | <b>433.82 p.</b>             |
| glider :  | Enzo 3                           |                              |
| airtime : | 9:45 h                           | Ø 31.87 km/h                 |
|           | <a href="#">IGC file</a>         | <a href="#">Google Earth</a> |

[Flight](#) [Route](#) [Start](#) [Land](#)

|                  |               |
|------------------|---------------|
| route length :   | 309.87 km     |
| route duration : | 9:43:25 h     |
| avg. speed :     | 31.87 km/h    |
| route type :     | flat triangle |
| coeficient :     | 1.40          |
| points :         | 433.82 p.     |

[SP](#) [L](#) [TP1](#) [L](#) [TP2](#) [L](#) [TP3](#) [L](#) [KB](#)

|                    |                 |
|--------------------|-----------------|
| <b>Start point</b> |                 |
| time :             | 10:28:27 -03:00 |
| altitude :         | 530 m           |
| GPS lat :          | 20.274 S        |
| GPS lon :          | 70.11125 W      |



# Record Ida y Vuelta Leo Andrade Vallebella

**Punto sur: Caleta Punta Arenas (TP2)**

Lat: 21.64275 S

Lon: 70.1388 W

Flight detail Leonardo Andrade · 23.12.2023 · 309.87 km

|           |  |  |
|-----------|--|--|
| pilot :   | <a href="#">Leonardo Andrade</a>   | CL                            |
|           | <a href="#">[leoglider]</a>  |  |
| date :    | <a href="#">23.12.2023 10:27</a>   | =UTC-03:00   |
| launch :  | <a href="#">Iquique</a>  | CL                            |
| route :   | <b>309.87 km</b>   |  <b>433.82 p.</b>             |
| glider :  | Enzo 3   |  |
| airtime : | 9:45 h   | Ø 31.87 km/h   |
|           |  <a href="#">IGC file</a> |  <a href="#">Google Earth</a> |

[Flight](#) [Route](#) [Start](#) [Land](#)

|   |                   |
|---|-------------------|
| route length :  | 309.87 km         |
| route duration :  | 9:43:25 h         |
| avg. speed :  | 31.87 km/h        |
| route type :  | flat triangle     |
| coeficient :  | 1.40              |
| points :  | 433.82 p.         |
| <a href="#">SP</a> <a href="#">L</a> <a href="#">TP1</a> <a href="#">L</a> <a href="#">TP2</a> <a href="#">L</a> <a href="#">TP3</a> <a href="#">L</a> <a href="#">KB</a> |                   |
| <b>Turnpoint 2</b>  |                   |
| time :  | 16:00:08 -03:00   |
| altitude :  | 742 m             |
| GPS lat :   | <b>21.64275 S</b> |
| GPS lon :   | <b>70.1388 W</b>  |



# FÉDÉRATION AÉRONAUTIQUE INTERNATIONALE WORLD DISTANCE CALCULATOR

Record Ida y Vuelta  
Leo Andrade Vallebella

**WORLD MODELS AVAILABLE: WGS84 ELLIPSOID, FAI SPHERE**

(operation instructions available at the end of this page)

## WORLD DISTANCE CALCULATOR

<https://www.fai.org/page/world-distance-calculator>

**Dist ida y vuelta: 151,57 \* 2 = 303,14 km**

Input = Lat/Longs to the same Geodetic Datum, preferably WGS84

Lat 1

Long 1

20.27400

S ▾

70.11125

W ▾

Lat 2

Long 2

21.64275

S ▾

70.1388

W ▾

Distance Units: Kilometres ▾

Earth model: WGS84 ▾

COMPUTE

RESET

Output = true courses, then shortest distance on the surface of the selected world model

Course 1-2 (deg)

Course 2-1 (deg)

Shortest distance

181.07824114

1.0880961959

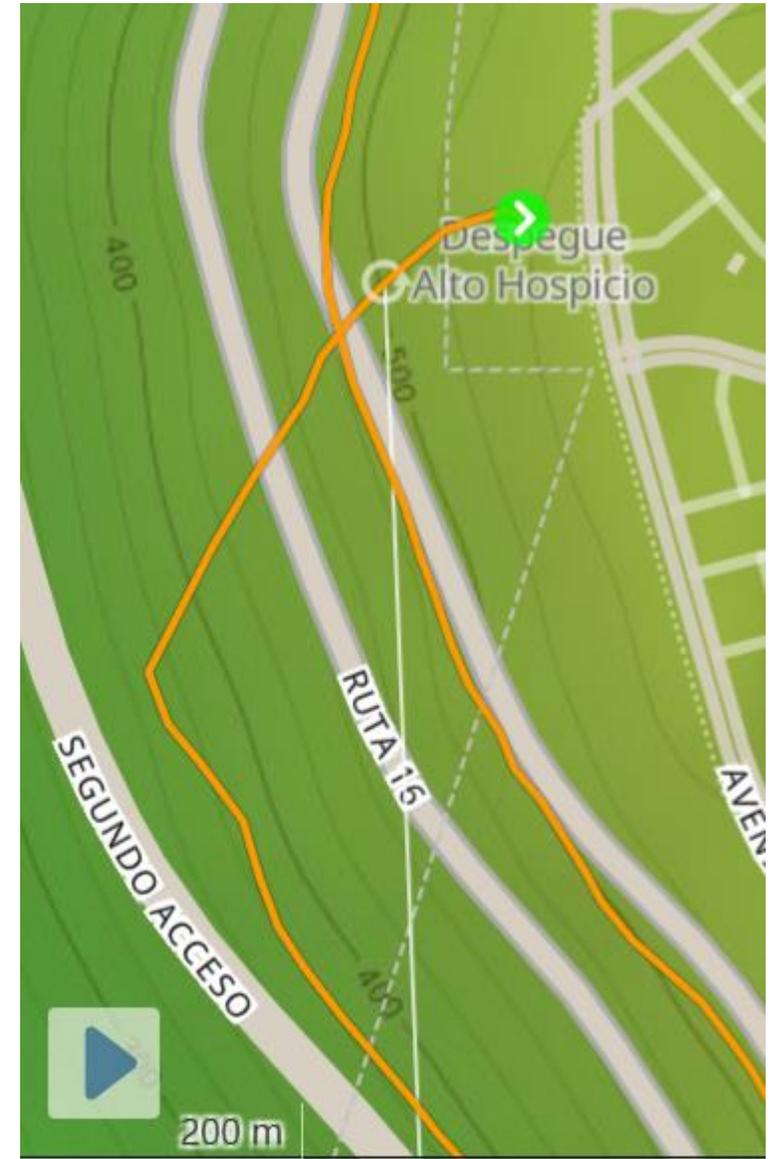
151.570326884

## Record Ida y Vuelta Leonardo Andrade Vallebella

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**Retorno y distancia al Punto de Inicio (<800m):**

- ✓ Menos de 100 m



**Requisitos:**

- ✓ Licencia DGAC
- ✓ Archivo IGC
- ✓ Horario del vuelo
- ✓ Regreso al inicio (<800m)

**Revisor:**

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**Conclusión:**

Se cumplen todos los requisitos y se establece:

Récord de distancia Ida y Vuelta:

303,1 km

Categoría: General

Leonardo Andrade Vallebella

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