MINISTERIO DE OBRAS PÚBLICAS Y TRANSPORTES
GOBIERNO DE COSTA RICA
DIRECCIÓN GENERAL DE AVIACIÓN CIVIL COSTA RICA

TEL: (506) 2106-9093
AFS: MROCYOYX
Web Page: www.dgac.go.cr
E-mail: aiscr@dgac.go.cr

REPUBLIC OF COSTA RICA
CIVIL AVIATION AUTHORITY
Air Navigation Services Department
Aeronautical Information Services Unit
P.O. Box 5026 -1000
San José, Costa Rica

2022-2026 COSTA RICA TRABAJANDO, DECIDIENDO, MEJORANDO

AIP
Supplement 18
30 MAY 2025

ENR

WEATHER METEOROLOGICAL BALLOON LAUNCH IN FREE-ASCENT OF THE UNIVERSITY OF COSTA RICA MEASUREMENT OF OZONE, WATER VAPOR, AND OTHER ATMOSPHERIC VARIABLES

The Civil Aviation Authority informs that from **Wednesday, June 04, 2025** to **Friday, August 22, 2025**, precaution is recommended for launching a balloon with a meteorological probe in free ascent, with a center at the coordinates 09°56'22"N 084°02'33"W (GasLab from CICANUM, University of Costa Rica, San Pedro), within a radius of 5 NM, from the surface to unlimited above mean sea level.

Once the launch of the balloon has been coordinated with the AIJS Radar Control personnel, the ascent and descent trajectory, as well as the estimated landing coordinates will be reported directly to the AIJS Radar Control personnel. Control Radar AIJS will provide this information upon request. The launch of the balloon is subject to air traffic conditions.

LAUNCHING DATE	UTC HOUR
Wednesday, June 04, 2025	**1100-1700**
Wednesday, June 25, 2025	
Thursday, June 26, 2025	
Friday, June 27, 2025	
Friday, July 11, 2025	
Thursday, July 24, 2025	
Tuesday, August 12, 2025	
Friday, August 22, 2025	

Other details are provided in the following tables:

Instruments detail:

Balloon diameter: 2 m (aprox.)
Balloon weight: 1.200 g
Balloon color: Light beige
Radiosonde weight: 1.200 g
Radiosonde dimensions: 38 cm x 19 cm x 26 cm
Length cable supporting the load: 60 m
Float Gas used: Industrial Helium
Total length of equipment deployed: 62 m

Balloon and Sonde Flight Parameters

Ascent speed:	From 590 to 1,300 fpm
Descent speed:	From 980 to 4,000 fpm
Average maximum height:	108.000 ft (33 km) AMSL
Maximum registered height:	131.200 ft (40 km) AMSL