



**MINISTERIO
DE OBRAS PÚBLICAS
Y TRANSPORTES**
GOBIERNO DE COSTA RICA



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

AIP
Supplement 26
08 SEP 2026

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, September 09, 2026** to **Friday, November 20, 2026**, 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, September 09, 2026	1100-1700
Friday, September 18, 2026	
Friday, October 02, 2026	
Friday, October 23, 2026	
Friday, November 06, 2026	
Friday, November 20, 2026	

Other details are provided in the following tables:

Instruments detail:

Balloon diameter: 2 m (aprox.)
Balloon weight: 1,2 kg
Balloon color: Light beige
Radiosonde weight: 1,2 kg
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