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ENR

WEATHER BALLOON LAUNCH
IN FREE RISE OF THE UNIVERSITY OF COSTA RICA
MEASUREMENT OF GASES AND ATMOSPHERIC PARTICLES

The Civil Aviation Authority informs that effective from **Wednesday, March 05, 2025** and until **Thursday, May 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, March 05, 2025 | 1100-1700 |
| Thursday, 06 March, 2025 | |
| Friday, March 07, 2025 | |
| → Tuesday, March 11, 2025 | |
| Thursday, March 20, 2025 | |
| Friday, April 04, 2025 | |
| Thursday, April 24, 2025 | |
| Tuesday, May 13, 2025 | |
| Thursday, May 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" (33 km) AMSL
Maximum registered height: 131.200" (40 km) AMSL

REPLACES WITH MODIFICATIONS SUPPLEMENT 07/25 DATED 17FEB25