

AIP CANADA (ICAO) SUPPLEMENT 15/16

QUEBEC REGION TECHNOCENTRE ÉOLIEN WIND TURBINE FARM RIVIÈRE-AU-RENARD, QC MARCH 2016–DECEMBER 2018

TechnoCentre éolien will conduct trials on its wind turbines to vary the intensity of lighting according to measured visibility.

The trials will take place at a wind farm located 13 NM north of Gaspé airport, south of Rivière-au-Renard, Quebec (see map below).

CAR Standard 621 specifies the lighting intensity as 2 000 cd (candelas). The trials will consist of lowering lighting intensity so as to reduce the visual impact of the lighting on surrounding populations in certain visibility conditions.

The lighting variations that will be tested are:

- (a) for visibility greater than 5 km (approximately 3 SM) but less than or equal to 10 km (approximately 6 SM), lighting intensity will be set to 30% (600 cd); and
- (b) for visibility greater than 10 km (approximately 6 SM), lighting intensity will be set to 10% (200 cd).

For measured visibility of less than or equal to 5 km, lighting intensity will remain at 100% (2 000 cd).

The trials are scheduled to continue until December 31, 2018.



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