

# CASE STUDY CANADA LA TUQUE AIRPORT

## PROJECT KEY FACTS

**Airport:** La Tuque Airport

**Location:** Canada

**Application:** Municipal Airport

**Runway:** 1 524 m

**Products:** LED PAPI powered by 6.6 Amp

**Buyer:** Village of La Tuque

**Year of Installation:** 2023



## OVERVIEW

Aéroport de La Tuque is a municipal airport that plays a crucial role in connecting local communities within the Province of Quebec, Canada. The airport serves as a vital lifeline for regional transportation needs.

The Village of La Tuque started a significant airport upgrade project after receiving a grant from the Quebec Regional Airport Infrastructure Assistance Program (PAQIAR). This massive refurbishment aimed to modernize the airport's runway and navigational aids to meet the safety standards and increasing demands of regional air traffic.

**Approach Navigation Systems**, S4GA's partner in Canada, seamlessly integrated S4GA's innovative solutions into the airport's infrastructure upgrade.

## CHALLENGE

As air traffic increased in the region, the airport had to overhaul the runway itself and its navigational aids.

So the main challenge of the project was to comply with the standards outlined in the Aerodromes Standards and Recommended Practices (TP 312 Rev 5) that govern all navigational aids at the aerodrome.

The solution had to comply not only with regulatory mandates but also seamlessly integrate with existing infrastructure to support the burgeoning air traffic. **Timely delivery** of critical components, particularly the Precision Approach Path Indicators (PAPIs), emerged as a pivotal factor in selecting the most suitable solution.

## SOLUTION

After a close examination of the technical capabilities, it was decided to select the S4GA LED PAPI lights. This decision was motivated by the advanced technological features and faster delivery schedule offered by S4GA, which were critical in meeting the project deadlines.

The S4GA PAPIs that were installed have not only met but also surpassed expectations:

- reliability and ease of maintenance;
- seamless installation process;
- remote control from the ATC Tower via S4GA ALCMS - Airfield Lighting Control And Monitoring System;
- compliance with international aviation standards.

The Village of La Tuque stands as evidence of the effectiveness of S4GA PAPIs, endorsing their use in future aviation projects.



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## S4GA PRODUCTS



S4GA LED PAPI  
POWERED BY 6.6 AMP

## APPLICATION PHOTOS

