



Mackay Airport FRM SealCoat

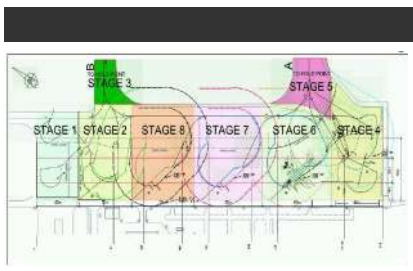
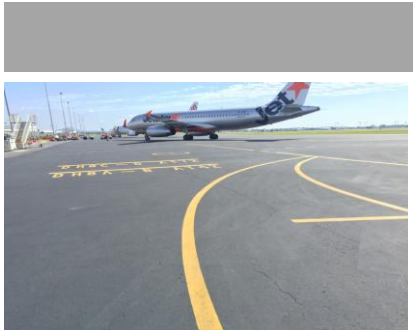
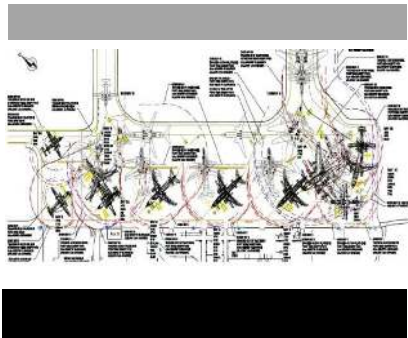
Location:
Mackay, QLD

Project Date:
October 2013

Project Duration:
8 Days

Contract Type:
SOR

Contract:
30,000 m²



Overview

Mackay Airport wanted to seal and protect its main apron from fuel spills and oxidation and this was achieved by spraying FRM SealCoat.

FRM is an FAA fuel resistant, non-toxic, low PAH emulsion based sealcoat that is Jet fuel resistant once applied to asphalt pavements.

It was decided that the works would be staged over 8 days so as not to affect any aircraft movements. This was achieved by closing one parking bay at a time then relining marking as soon as the FRM was touch dry.

The final results:

- Looks like new.
- Extended pavement life
- Safety with new lines.

Scope

FRM SealCoat was applied to 30,000 square meters of asphalt pavement on the main apron over a seven day period. As soon as the FRM was dry the Mackay airport line marking crews started to set out and reline mark the bays. This was all performed during the day with aircraft parking bays still in operation.

Project Challenges

The most significant challenge on this project was completing on time with little disruption to the existing apron. Using FRM which was drying quickly allowed the line marking crews enough time to survey and reline mark so that the bay could be back in operation fast.

Colas managed to spray and complete each bay within a couple of hours.

How we managed this

Mackay airport planned this project well and understood the limitations of what they wanted to achieve. It was decided to start with the least used bay so that any difficulties could be ironed out before the more frequently used bays were treated. Colas have highly experienced crews and supervisors who understand what is required when working airside at airports.

Each shift was planned with the client to eliminate and obstacles.

Value Added

Colas worked together with the client to maximize the number of bays that could be completed on a daily basis.

Colas also sprayed SRS SealCoat on the internal roads by the eastern GA.