

# Rehabilitation of Julius Nyerere International Airport (Phase 1), Dar es Salaam, Tanzania

**Client:**

Tanzania Airports Authority (TAA)

**Main Contractor:**

BAM

**Location:**

Dar es Salaam International  
Airport, Tanzania

**Date:**

April 2005 – June 2006



Julius Nyerere International Airport is the largest and the busiest international airport in Tanzania.

The airport is one of the 62 airports and airstrips owned, operated, developed and managed by the Tanzania Airports Authority (TAA) on the Tanzania mainland.

The goal of this first phase of airport rehabilitation was to return the 3.1 kilometre runway and the parking apron at the international terminal to international aviation standards (ICAO).

This challenging contract was completed in June 2006. The second phase of the project, consisting of the rehabilitation and extension of all taxi ways and the domestic and cargo aprons, was also awarded to BAM International.

**Off-peak hours**

To enable normal flight movements to continue without any interruption, the entire runway rehabilitation was performed during off-peak hours. Construction commenced daily after the last departure around midnight and the runway was

handed over again to airtraffic control before the first arrival every morning.

With only seven hours at their disposal each night, the milling and asphalt crews were able to successfully complete a total area of 187,000 square metres within a seven-month period.

In addition, part of the aerodrome ground lighting system was replaced and reconnected to the main power supply without interference of the operations.

**Re-establishment**

In front of the international terminal building, the existing aircraft parking bays were renovated. The remaining 74,000 square metres of the apron were resurfaced with a new asphalt overlay and fuel resistant coating at selected areas.

Finally, the guidance markings on both the runway and the new apron surface were re-established in special high-quality reflective white and yellow paint.