

**UPGRADING
SULTAN AZLAN
SHAH AIRPORT,
IPOH, PERAK**

Start Date: 13th April 2011

Completion Date: 1st November 2012

PROJECT BACKGROUND:

- The objectives of the upgrading project were to improve the infrastructures to accommodate the operation of B737-800 / A320 aircrafts and to upgrade the existing terminal building capacity in order for the ATR-72-500 aircraft to operate on international routes.
- MOT is the project proponent and the project was carried out on conventional basis by a contractor that appointed through Open Tender (with pre-Qualified Assessment).
- The project commenced on 13 April 2011 and practically completed on 1st November 2012 with overall cost of RM35 million.
- The focus is of the project to give major impact on passengers, airline companies and other government agencies that occupying the existing terminal building.

SCOP OF UPGRADING WORKS:

The scope of upgrading works are as follows:-

- Extension of the existing runway length from 1,798 metres to 2,000 metres and widening of runway from 36.5 metres to 45 metres to cater the operations of B737-800 / A320 aircrafts;
- Resurfacing existing runway and building new connecting taxiway;
- Widening works for commercial aircraft parking;
- Upgrading the existing related lighting system (Aeronautical Ground Lighting);
- Renovation of existing terminal building facade;
- Upgrading of Arrival / Departure halls;
- Upgrading of air conditioning system, closed circuit television and installation of new elevator/lift;
- Refurbishment works for VIP/VVIP rooms;
- Replacements of new check in and immigration counters; and
- Upgrading of other amenities such as toilets, prayer room, airlines and government agencies offices, etc.

PROJECT IMPACT TO THE TARGETED GROUP:

1. Increase in numbers of Passenger and Aircraft Movements

Based on statistical data from MAHB, there are significant increases in numbers of passengers and commercial aircraft movements from year 2010 until 2014. As compared to year 2010, total numbers of inflows and outflows for passenger through LTSAS Airport has increased 47% in year 2011. Commercial aircraft movements during the same period has increased 82%. For year 2012 and 2013, the number of passenger movements has increased 3% and 1% respectively. However, in year 2014 the number of passenger movements increased drastically to 33%.

Traffic	2009	2010	2011	2012	2013	2014
Numbers of Passenger	21,937	48,508	71,169	73,354	74,320	98,768
Cargo (Tan)	0	0	0	34	403	296
Numbers of Aircraft Movements	384	844	1,536	1,515	1,464	1,960

Source: MAHB, 2015

2. Ungrading of Facilities LTSAS, Ipoh

Now LTSAS Ipoh can offer the better facilities to the public with its fully air-conditioned building and more disabled friendly amenities.

3. Increase in Aircrafts' capacity

LTSAS Ipoh now can accommodate three (3) parking bays for A320/ B737/ ATR72-600 PIPO concurrently as opposed to only one (1) parking bay for B737 and two (2) ATR72-500 before the upgrading works were carried out.

4. Positive Feedback of Customer Satisfactions' Surveys

Based on the ACSPP (Airport Customer Satisfaction Performance Programme) study carried out by MAHB in 2013 and 2014, users were satisfied with the new amenities, facilities, design and services rendered by the airport authorities.



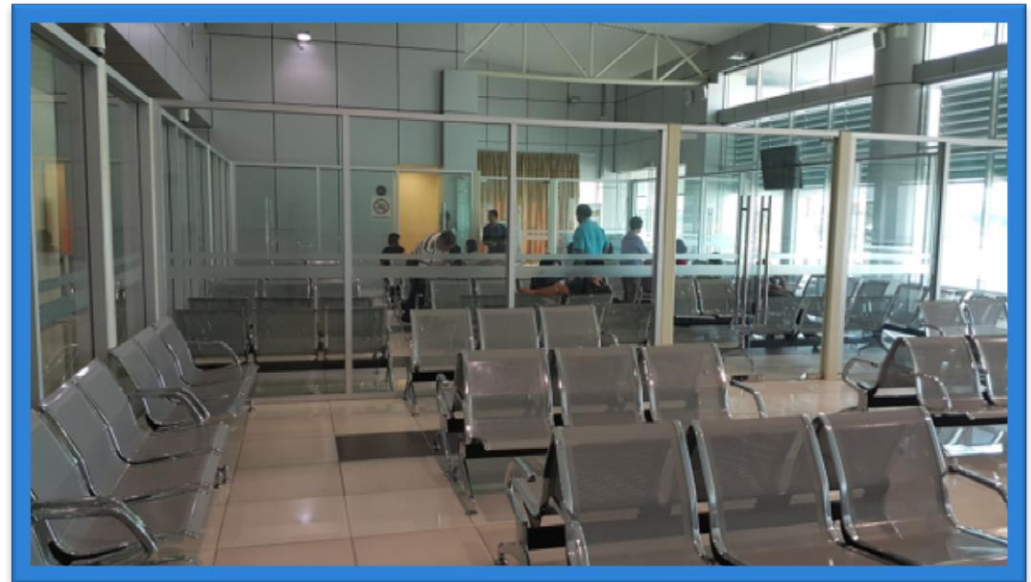
Check In Counter before upgrading works

Check In Counter after upgrading works





Departure hall before upgrading works



Departure hall after upgrading works

Terminal Building façade (airside view) before upgrading works



Terminal Building façade (airside view) after upgrading works





Terminal Building Roofing before upgrading works

Terminal Building Roofing after upgrading works



Drop off area before upgrading works



Drop off area after upgrading work

