

Safety Management Systems



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SMS Gap Analysis and Implementation Plan & review of Runway Clear Areas for the Greater Toronto Airports Authority (GTAA)

GTAA assumed control of the Toronto Lester B. Pearson International Airport from Transport Canada in 1997 and became its regulating body. In 2007, the airport was ranked 21st amongst the world's busiest airports with an approximate passenger flow of 31 million. The airport serves as the primary hub for Air Canada as well as a major hub for West Jet, Canada's two largest airlines.

Services:

In 2006, ISR, in association with Jacques Whitford, conducted a verification SMS gap analysis of the Lester B. Pearson International Airport at the request of the GTAA. This gap analysis verified the state of the current safety management system/process components and elements with respect to the Transport Canada SMS requirements. Based on this gap analysis, ISR and associates made recommendations. These recommendations covered the gaps found, the GTAA document structure and their implementation.



In 2009, ISR was selected to facilitate a workshop with GTAA staff and airport stakeholders for the review of the risks associated with all of Lester B. Pearson International Airport's runway clear areas. This review involved an operational assessment of each runway and associated clear area in case of landing undershoot, landing overrun and take off overrun.



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Engineering risk management solutions