TORONTO PEARSON INTERNATIONAL AIRPORT
AIRPORT OPERATING AREA (AOA)
AND
COMPOSITE NOISE CONTOURS

AIRPORT OPERATING AREA (AOA)

30 = COMPOSITE NOISE CONTOURS (1996 NEP and 2000 NEF)

MUNICIPAL BOUNDARIES

Scale 1 : 35000

Source: Noise Contours Prepared by the GTAA

Noise Exposure Forecast

Transport Canada has developed a Noise Exposure Forecast (NEF) model to calculate long-term aircraft noise exposure based on forecasted flights, and the assessed level of noise annoyance in those areas. Contour lines are drawn on a map connecting points of equal noise impact representing 25, 30, 35 and 40 NEF. It is important to remember that the NEF contour does not measure decibel levels for individual flights, but is a cumulative noise value of overall forecasted flights, and noise annoyance.

Airport Operating Area

The GTAA has established the Toronto Pearson Airport Operating Area (AOA), which uses well-defined natural and manmade boundaries to approximate the 30 NEF contour on the ground. Surrounding municipalities have included this operating area in their Official Plans and have approved associated policies that limit incompatible land uses within these areas.