

# AERONAUTICAL INFORMATION CIRCULAR 15/21

## NOTICE OF OPERATIONAL TRIAL: NEW RUNWAY HOLD POSITION MARKINGS, PLACEMENT AND LIGHTING TORONTO/LESTER B. PEARSON INTERNATIONAL AIRPORT

### Purpose of the Circular

This circular is to advise pilots of an operational test of new hold position markings, placement and lighting at the airport and confirm method of operation.

### Background

To reduce the risk of runway incursions, an operational trial of angled mandatory hold positions (see illustration on the following page) will be undertaken on Taxiway D4 and Taxiway D5 on the south side of Runway 06L/24R, commencing in April 22, 2021. The trial will also be further advertised via NOTAM.

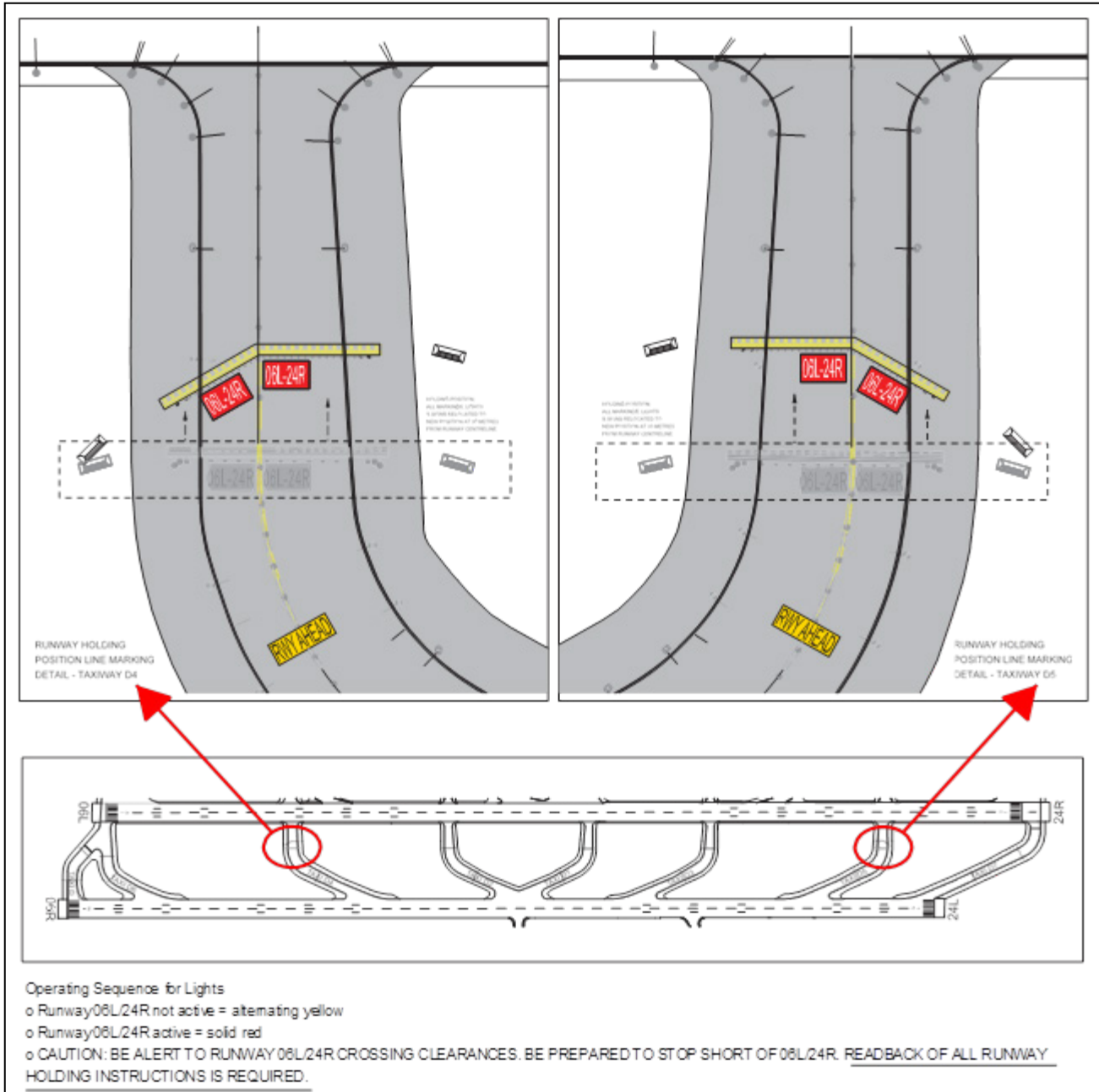
This design concept results from a collaborative effort of the Toronto Pearson local runway safety team, which consists of industry safety experts, to address recommendations from a Transportation Safety Board safety issues investigation.

Characteristics of the trial of angled hold positions designs are as follows:

- One half of the hold position marking is angled 30 degrees toward the path of the approaching aircraft;
- Inset LED wide-angle lens combination runway guard lights (i.e., flashing yellow) / stop bar (i.e., solid red) spaced at 1.5 metres along the entire span of the hold position for a total of 26 fixtures, as compared to the current 10 fixture design at 3.0 metres spacing;
- These lights will flash yellow in an alternating pattern when Runway 06L/24R is not in use and show solid red when Runway 06L/24R is in operation; and
- The entire mandatory hold position has been moved from a distance 115 metres from the centerline of Runway 06L/24R to 90 metres, the more common international standard.

These changes have been tested with aircraft and flight crews in a controlled environment and evaluated by the members of Toronto Pearson's Local Runway Safety Team to provide superior visibility and indication of the required holding point to flight crews exiting Runway 06R/24L.

For the duration of the operational trial (specific end time yet to be determined), the Greater Toronto Airports Authority (GTAA) welcomes and encourages all flight crews using these rapid exit taxiways to provide feedback to air traffic controllers (ATCs), or more detailed observations directly to the GTAA at [report\\_it@gtaa.com](mailto:report_it@gtaa.com).



**Toronto Pearson Operational Trial of Angled Hold Positions at Taxiway D4 and Taxiway D5**

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