O'Hare Noise Compatibility Commission
Ad Hoc Daytime Noise Subcommittee

Daytime Operations

March 10, 2022

CDA
CHICAGO DEPARTMENT OF AVIATION

O'HARE & MIDWAY
INTERNATIONAL AIRPORTS

COMPLETION OF THE O'HARE MODERNIZATION PROGRAM (OMP) RESULTS IN A MODERN, EFFICIENT RUNWAY LAYOUT THAT SETS THE STAGE FOR O'HARE TO REGAIN ITS ROLE AS A LEADING GLOBAL HUB AIRPORT

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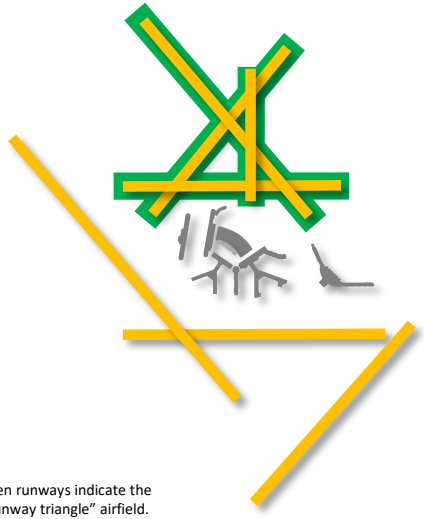
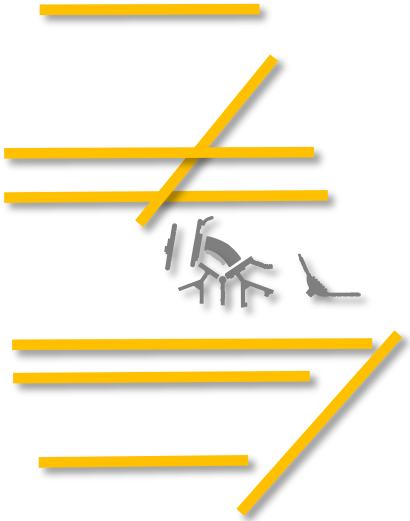


Note: Green runways indicate the original "runway triangle" airfield.

- 3 Sets of Dual Parallel Runways
- Dual independent Arrivals in Poor Weather Conditions

2021



- 6 Parallel East-West Runways
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*"…the essence of any successful plan to provide significant delay reduction at O'Hare involves **correcting the existing "runway triangle"** and realigning the airfield in sets of parallel runways that can handle more traffic, **safely and efficiently** in all weather conditions."*

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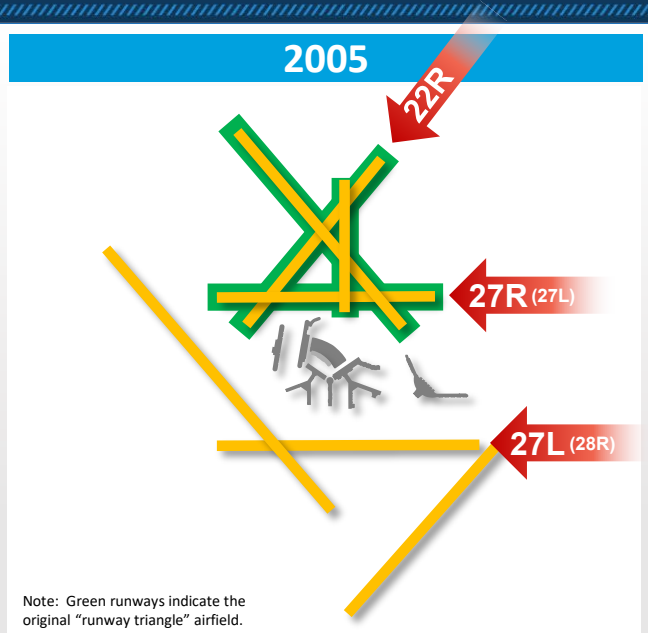

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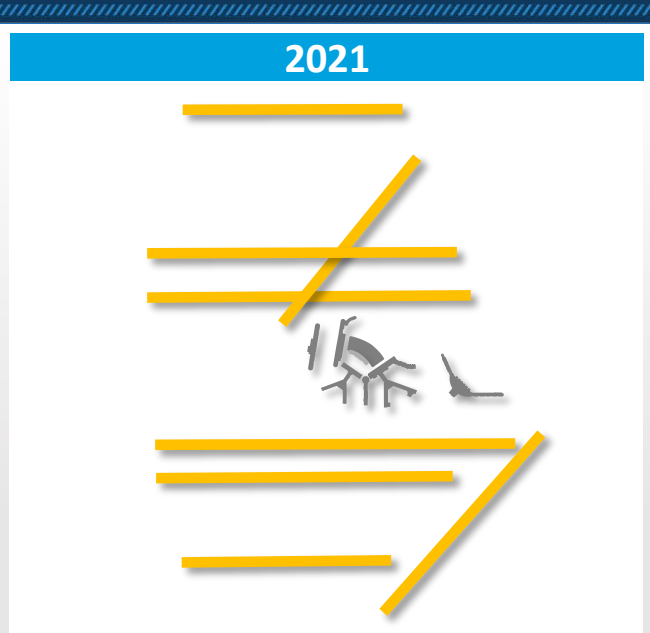

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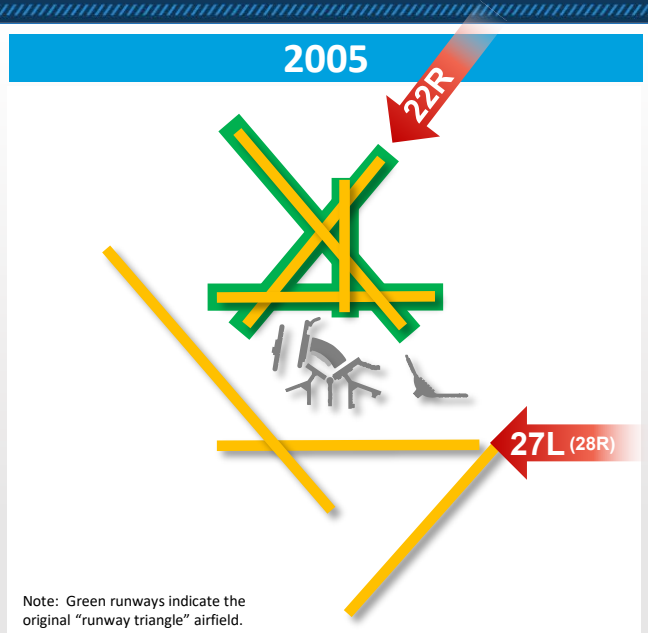

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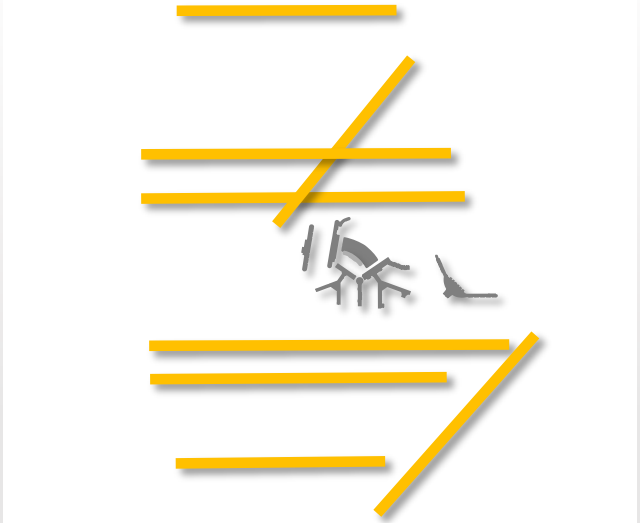

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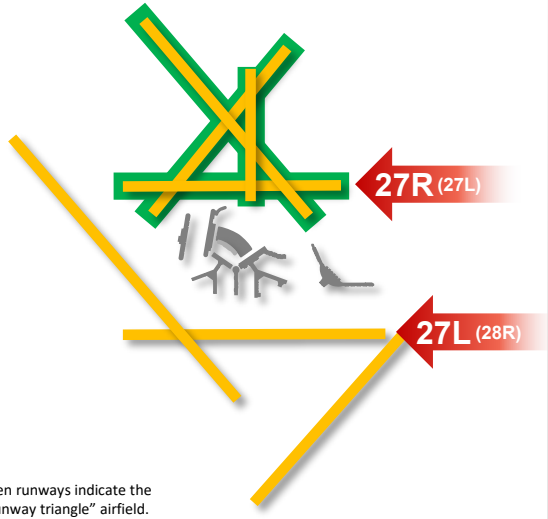

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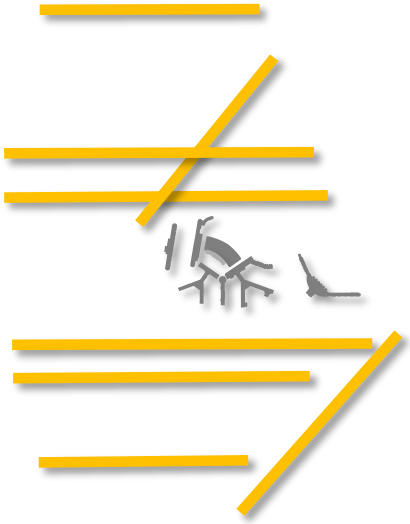

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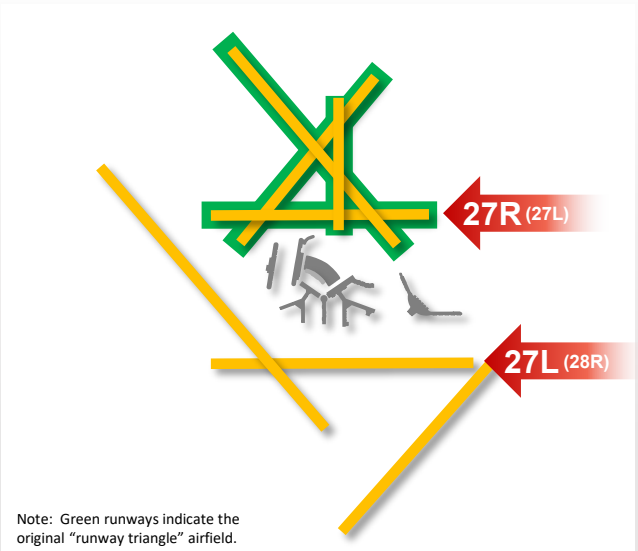

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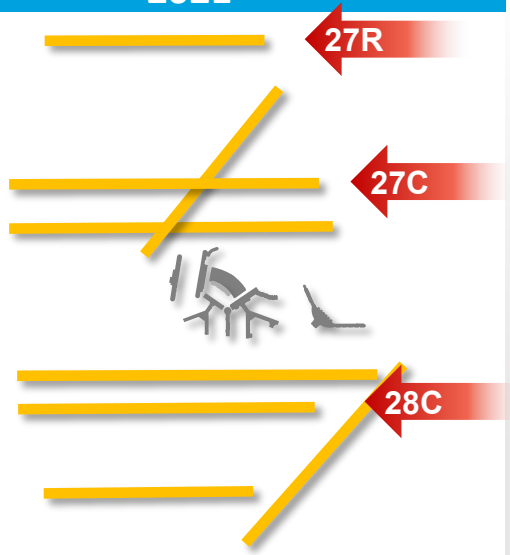

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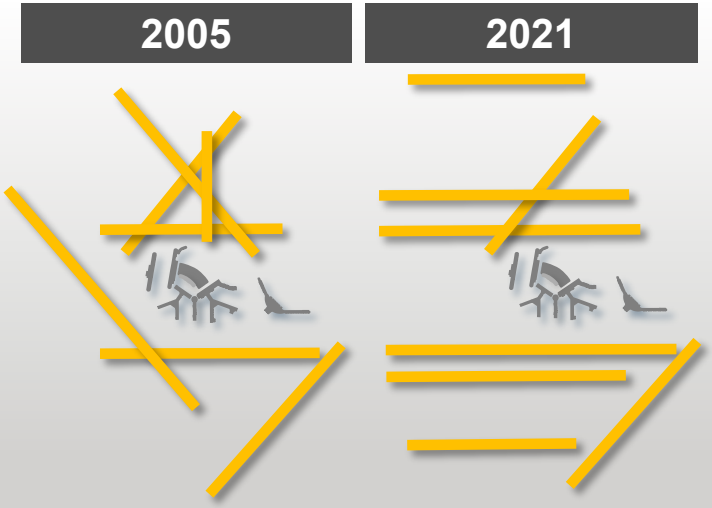
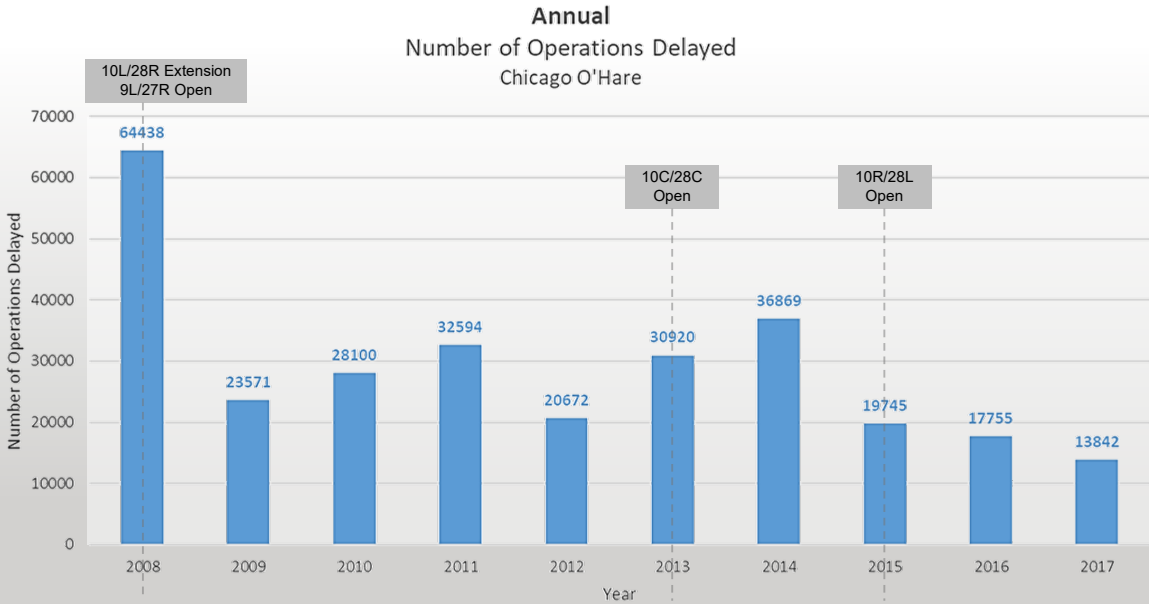
CONTINUED INVESTMENTS AT O'HARE'S AIRFIELD HAVE RESULTED IN DRAMATIC REDUCTIONS IN DELAYS





System Impact Delays have been reduced by 63 percent

Source: FAA Operations Network (OPSNET) - Delay data

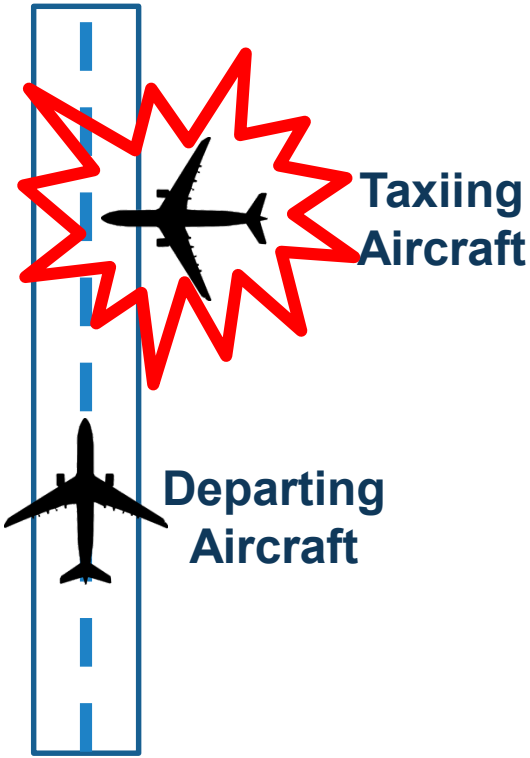
RUNWAY INCURSIONS AND HOT SPOTS

Runway Incursion

- “Any occurrence at an aerodrome involving the incorrect presence of an aircraft, vehicle or person on the protected area of a surface designated for the landing and take off of aircraft”
- Example: aircraft or vehicle accidentally crossing an active runway
- The FAA has a renewed focus on reducing runway risks and started the Runway Incursion Mitigation (RIM) program in June 2015

Hot Spots

- “A location on an airport movement area with a history of potential risk of collision or runway incursion and where heightened attention by pilots and drivers is necessary”



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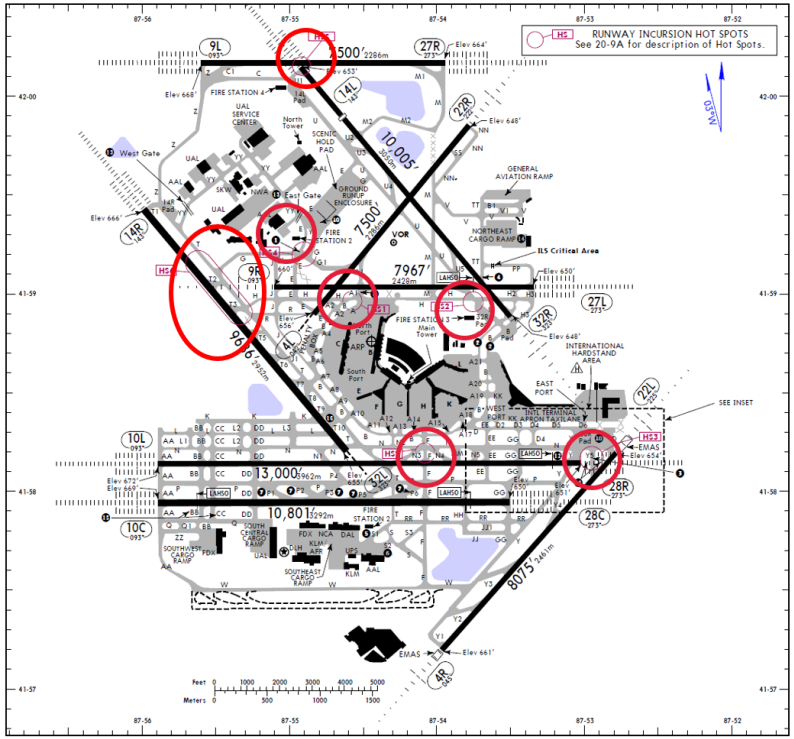
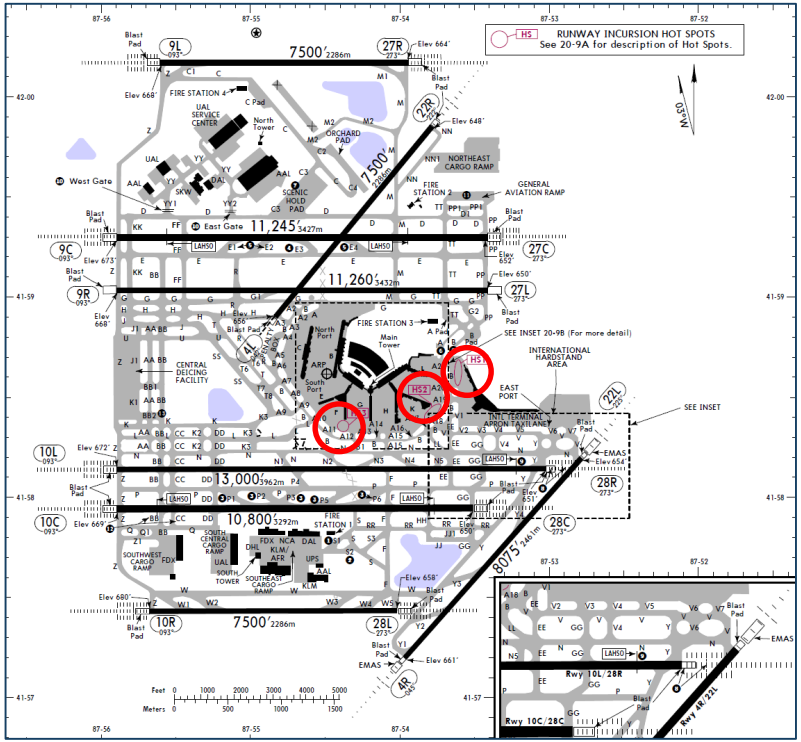
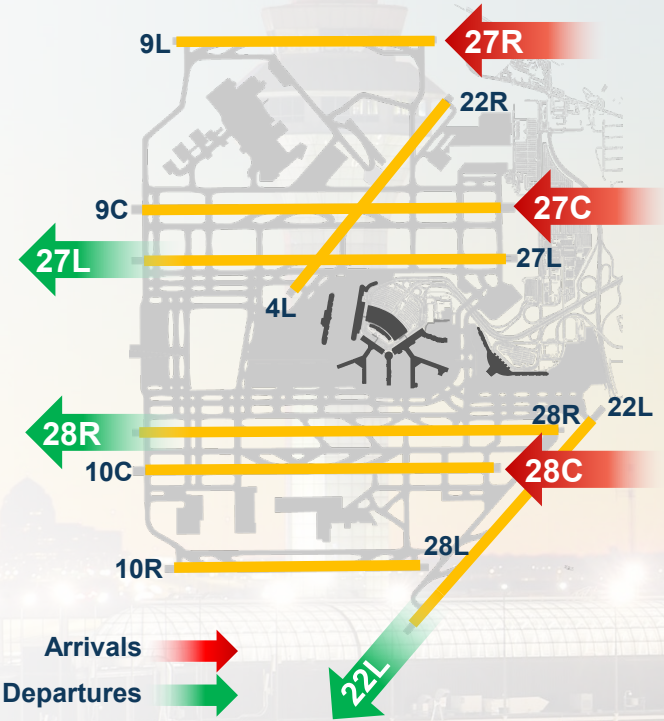




O'HARE DAYTIME RUNWAY CONFIGURATIONS

FAA decides how runways are used

WEST FLOW



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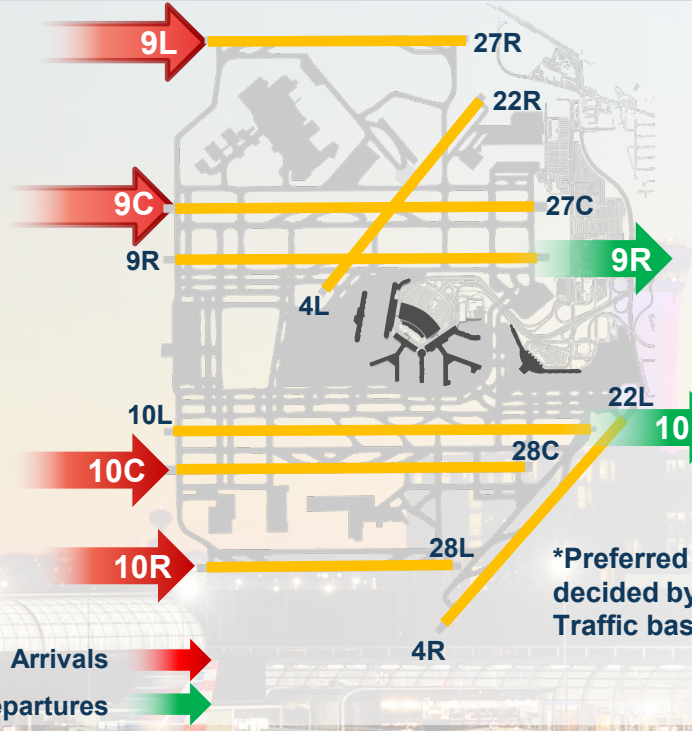


Only arriving 3 Runways at a time

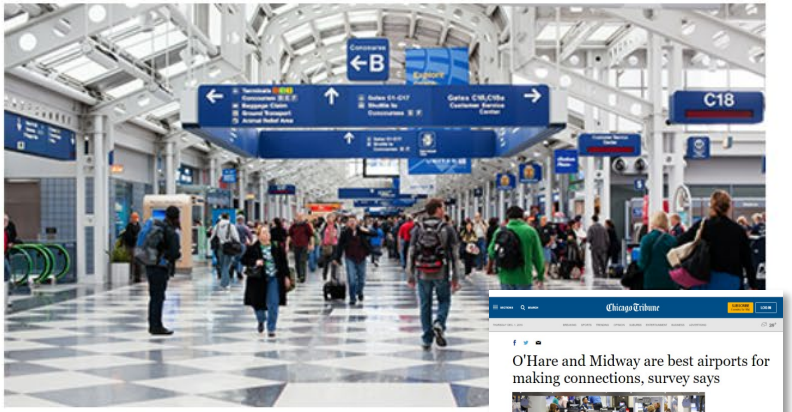
Multiple arrival runway combinations:

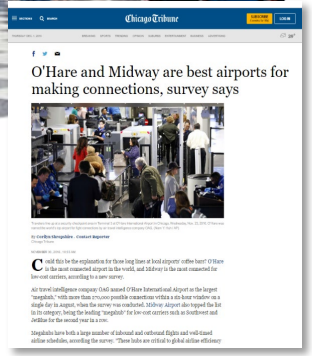
- 9L, 9C, 10C
- 9L, 9C, 10R
- 9L, 10C, 10R*
- 9C, 10C, 10R*

*Preferred combinations, decided by FAA Air Traffic based on demand

Chicago
Aurora
Naperville
Evanston
Schaumburg
Elgin
Rockford
Belvidere
Crystal Lake
Woodstock
McHenry
Waukegan
Harvard
Loves Park
Beloit
Pleasant Prairie
Allegan
South Haven
Hartford
Paw Paw
Coloma
Benton Harbor
Stevensville
Dowagiac
Cassopolis
Niles
New Buffalo
Michigan City
New Carlisle
South Bend
Elkhart
Bristol
Goshen
La Porte
Gary
Hammond
Westville
North Liberty
Valparaiso
Walkerton
Bremen
Nappanee
Wanatah
Crown Point
Merrillville
Tinley Park
Orland Park
Oak Lawn
Oak Brook
Bolingbrook
Frankfort
Joliet
Plainfield
Oswego
Plano
Somonauk
Sheridan
Mendota
Sycamore
DeKalb
Rochelle
Geneva
Armington Heights
Plymouth
Knox
North Judson
De Motte
Culver
Warsaw
Bourbonnais
Kankakee
Morris
Ottawa
Marseilles
Oglesby
Peru
La Salle
Streator

O'HARE "MEGAHUB" ONE OF THE WORLD'S BEST AIRPORT FOR CONNECTIONS




Chicago Tribune

O'Hare and Midway are best airports for making connections, survey says

Source:

oag.com

ORD Still The Largest US Megahub

Chicago O'Hare Airport (ORD) retains its place as the largest US Domestic Megahub in 2019. With a Connectivity Index score of 459, the airport ranks well ahead of other US airports for connectivity. On the busiest day this year a total of 83,580 possible connections were possible between domestic scheduled flights within a three hour time window at ORD, 2% more than last year. United Airlines operates 48% of flights, down slightly from 50% in 2018.

JAMIE L. RHEE, COMMISSIONER

www.flychicago.com