

CHICAGO O'HARE INTERNATIONAL AIRPORT



ADVANCED AIRFIELD FAMILIARIZATION MANUAL

GRAPHICS SUPPLEMENT



14 CFR PART 139.329

PREPARED BY
CITY OF CHICAGO
DEPARTMENT OF AVIATION
AIRFIELD OPERATIONS

Revision
202009/01

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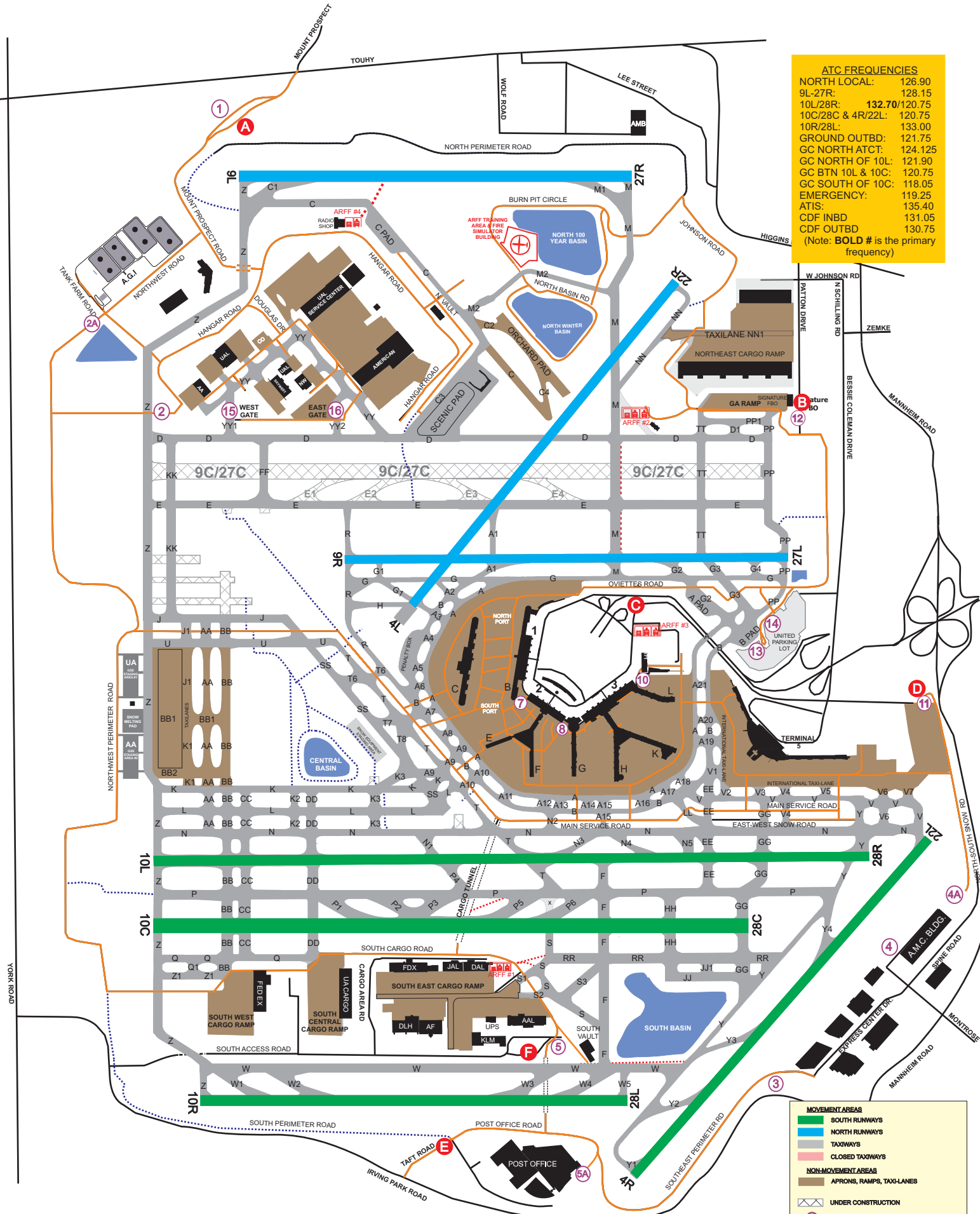
INTRODUCTION

The Advanced Airfield Familiarization Manual was developed by the City of Chicago, Department of Aviation, Airport Airfield Operations Section (AAO). Its purpose is to implement training requirements mandated by 14 CFR 139.329, and to review important safety information relating to personnel who operate vehicles, equipment, and taxi aircraft in the movement area - runways, taxiways, and surrounding surfaces. This graphics supplement was created to accompany the Advanced Airfield Familiarization Manual. All graphics that pertain to the aircraft movement area will now be located in this supplement. The reason for this division is so the Advanced Airfield Familiarization Manual only has to be updated when content has been changed, added, or removed – instead of when taxiway or runway nomenclature has been changed.

Summary of Changes

Revision 201708/01	1. Content Addition – Summary of Changes 2. Content Replacement – Graphic 2, 3, & 4 (Pp 7-9) with ORD Critical Areas (Pg 7)
Revision 201710/01	1. Content Replacement – ORD Critical Areas (Pg 7) with Graphics 1 - 4
Revision 201803/01	1. Content Addition – Gate Frequency Map 2. Content Replacement – Update for March 29, 2018 Change Over
Revision 201807/01	1. Content Replacement – Update for Jul 19, 2018 Change Over
Revision 201809/01	1. Content Replacement – Update for Sep 13, 2018 Change Over 2. Content Addition – ORD Critical Areas
Revision 201811/01	1. Content Replacement – Update for Nov 08, 2018 Change Over
Revision 201901/01	1. Content Replacement – Update for Jan 03, 2019 Change Over
Revision 201904/01	1. Content Replacement – Update for Apr 25, 2019 Change Over
Revision 201906/01	1. Content Replacement – Update for Jun 20, 2019 Change Over
Revision 201908/01	1. Content Replacement – Update for Aug 15, 2019 Change Over
Revision 201910/01	1. Content Replacement – Update for Oct 10, 2019 Change Over
Revision 201912/01	1. Content Replacement – Update for Dec 05, 2019 Change Over
Revision 202001/01	1. Content Replacement – Update for Jan 30, 2020 Change Over
Revision 202003/01	1. Content Replacement – Update for Mar 26, 2020 Change Over
Revision 202005/01	1. Content Replacement – Update for May 21, 2020 Change Over
Revision 202007/01	1. Content Replacement – Update for July 16, 2020 Change Over
Revision 202009/01	1. Content Replacement – Update for Sept 10, 2020 Change Over

ATC FREQUENCIES	
NORTH LOCAL:	126.90
9L-27R:	128.15
10L/28R:	132.70 /120.75
10C/28C & 4R/22L:	120.75
10R/28L:	133.00
GROUND OUTBD:	121.75
GC NORTH ATCT:	124.125
GC NORTH OF 10L:	121.90
GC BTN 10L & 10C:	120.75
GC SOUTH OF 10C:	118.05
EMERGENCY:	119.25
ATIS:	135.40
CDF INBD:	131.05
CDF OUTBD:	130.75
(Note: BOLD # is the primary frequency)	



MOVEMENT AREAS

- SOUTH RUNWAYS
- NORTH RUNWAYS
- TAXIWAYS
- CLOSED TAXIWAYS

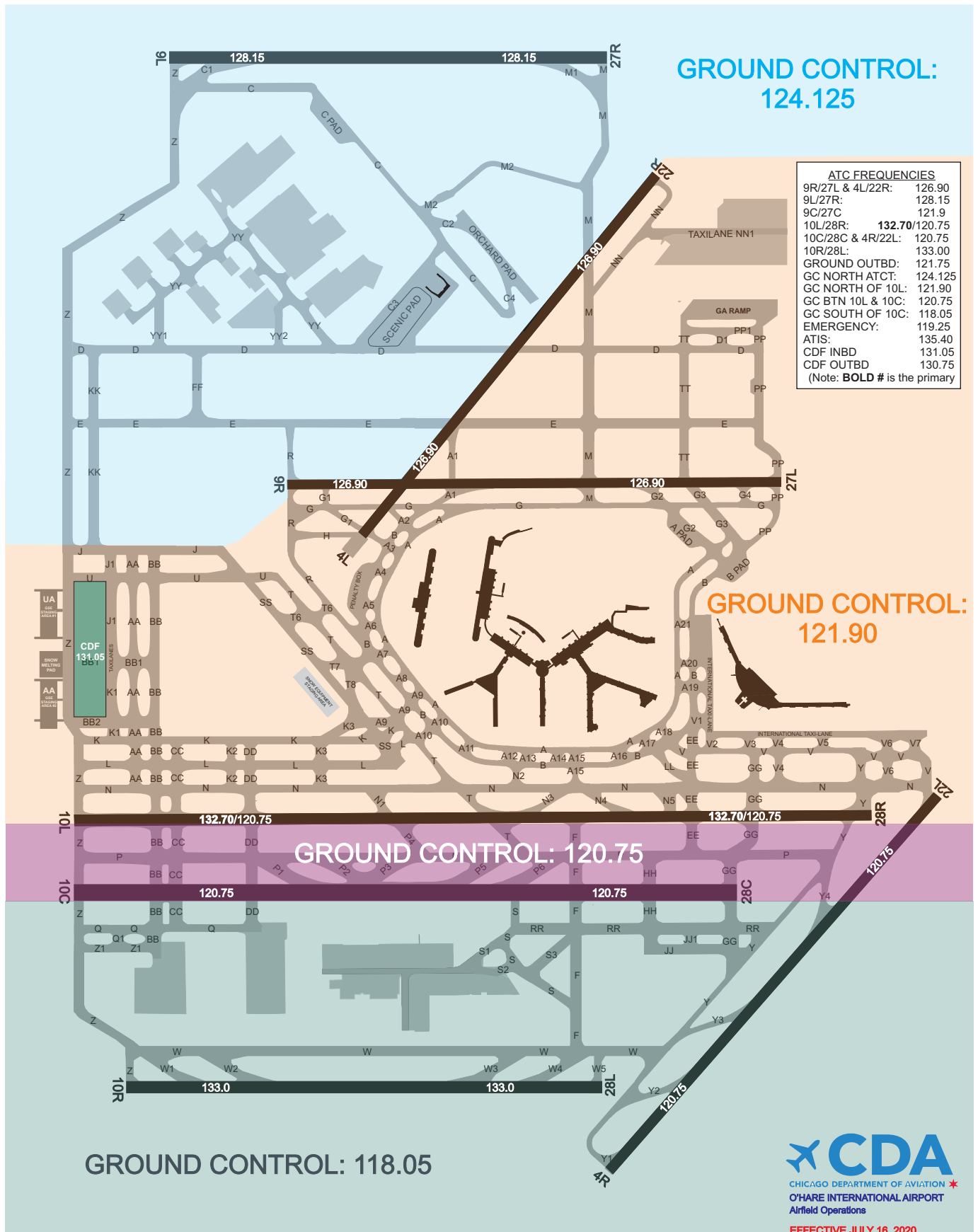
NON-MOVEMENT AREAS

- APRONS, RAMPS, TAXI-LANES
- UNDER CONSTRUCTION

SECURITY ZONES

- SECURITY POSTS
- STAGING AREAS
- SERVICE ROAD
- RESTRICTED ACCESS
- RESTRICTED ACCESS: FAA & CDA SECURITY
- PUBLIC ROADS

ORD FREQUENCY AREA MAP



Vehicles with Transponder Only

NORTH AIRFIELD PROCEDURES

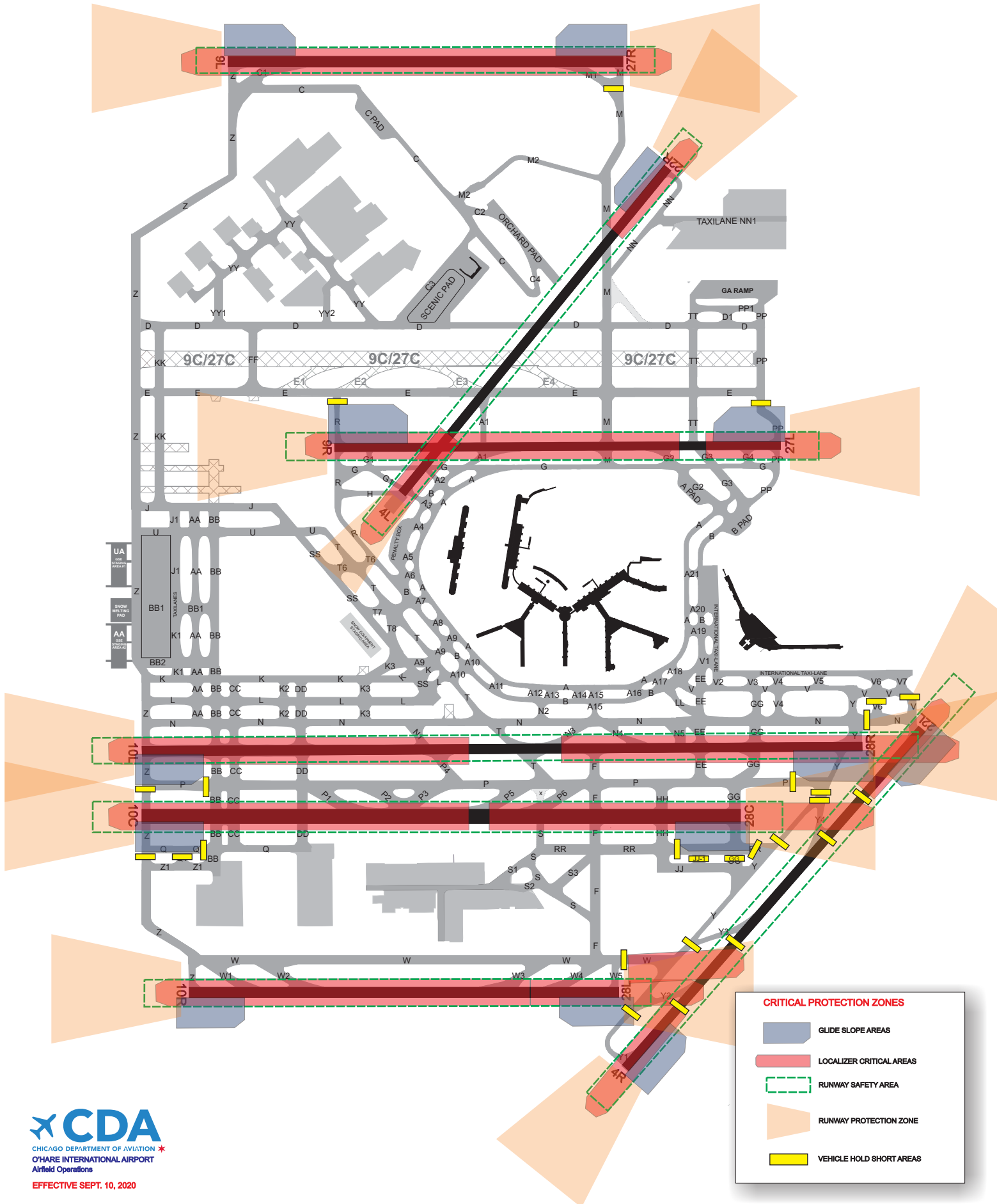
- ALL VEHICLES MUST HAVE AN OPERATING TRANSPONDER TO DRIVE ON RWY 9L/27R AND TWYS C AND C1, IF THAT RUNWAY AND THOSE TAXIWAYS ARE OPEN, ON EXCEPTIONS.
- THE ONLY WAY AROUND THIS IS IF RWY 9L/27R AND TWYS C, AND C1 ARE CLOSED
- IF THERE IS A NEED TO GO ONTO RUNWAY 9L/27R AND/OR TAXIWAY C, C1:
YOU MUST CALL OPERATIONS TO FORMALLY CLOSE THIS PAVEMENT



SOUTH AIRFIELD PROCEDURES

- ALL VEHICLES MUST HAVE AN OPERATING TRANSPONDER TO DRIVE ON RWY 10R/28L WHEN THAT RUNWAY IS OPEN, NO EXCEPTIONS.
- THE ONLY WAY AROUND THIS IS IF RWY 10R/28L IS CLOSED
- IF THERE IS A NEED TO GO ONTO RUNWAY 10R/28L:
YOU MUST CALL OPERATIONS TO FORMALLY CLOSE THIS PAVEMENT

ORD CRITICAL AREAS



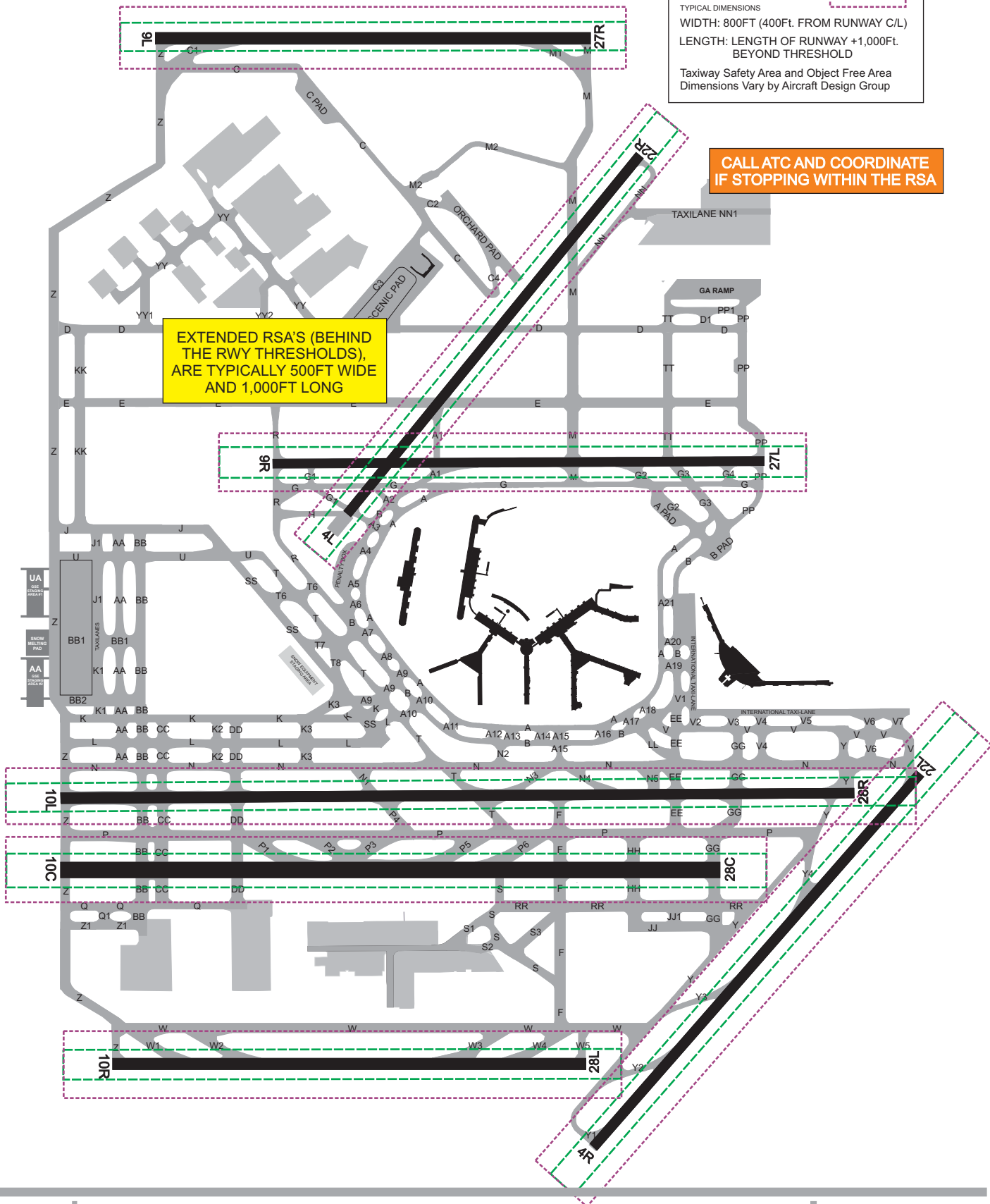
RUNWAY SAFETY AREAS 
 TYPICAL DIMENSIONS
 WIDTH: 500FT (250FT FROM RUNWAY C/L)
 LENGTH: LENGTH OF RUNWAY +1,000FT.
 BEYOND THRESHOLD

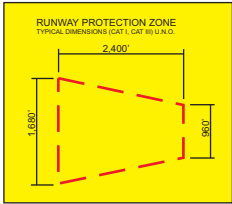
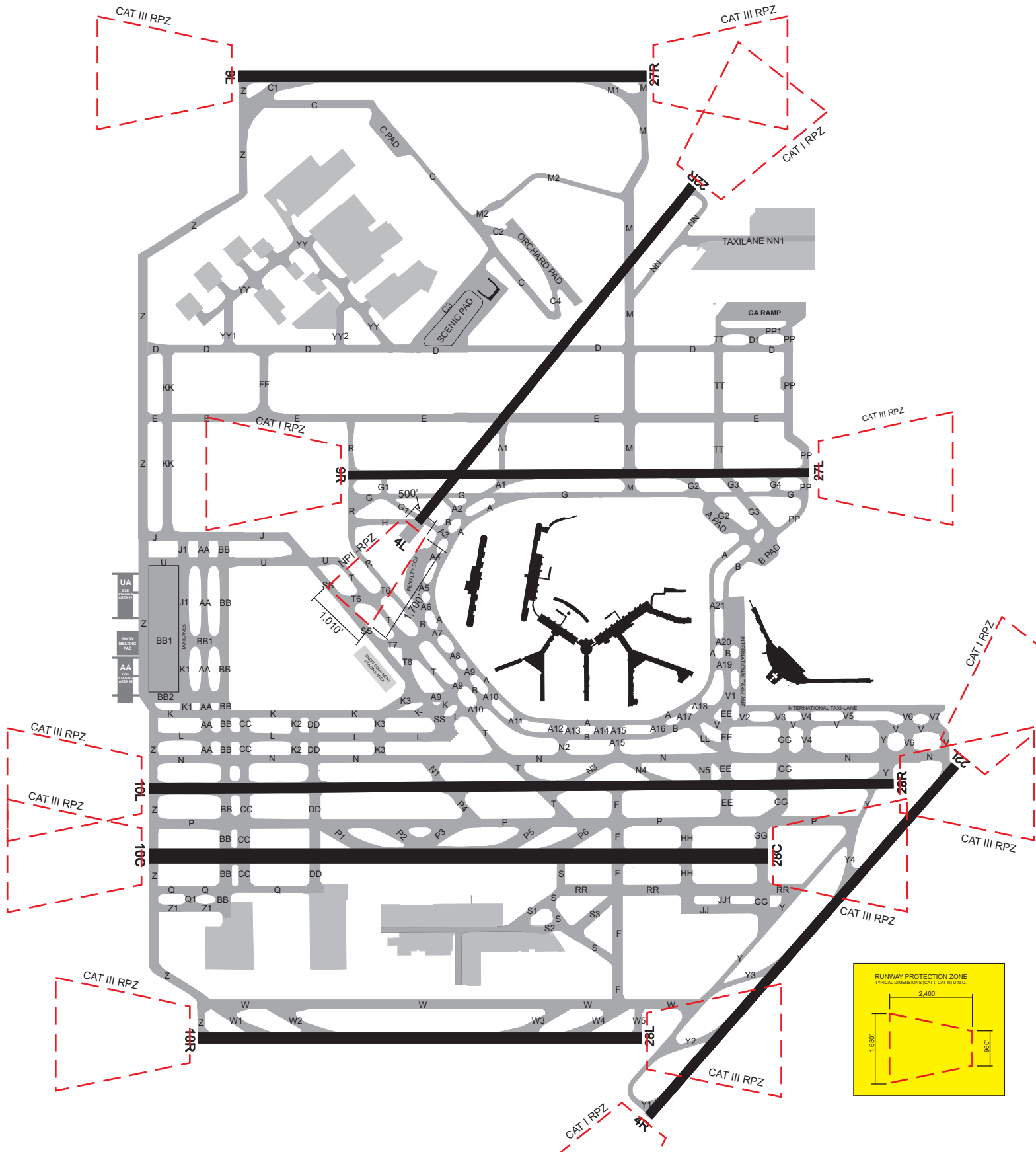
OBJECT FREE AREA 
 TYPICAL DIMENSIONS
 WIDTH: 800FT (400FT FROM RUNWAY C/L)
 LENGTH: LENGTH OF RUNWAY +1,000FT.
 BEYOND THRESHOLD

Taxiway Safety Area and Object Free Area
 Dimensions Vary by Aircraft Design Group

**CALL ATC AND COORDINATE
 IF STOPPING WITHIN THE RSA**

**EXTENDED RSA'S (BEHIND
 THE RWY THRESHOLDS),
 ARE TYPICALLY 500FT WIDE
 AND 1,000FT LONG**

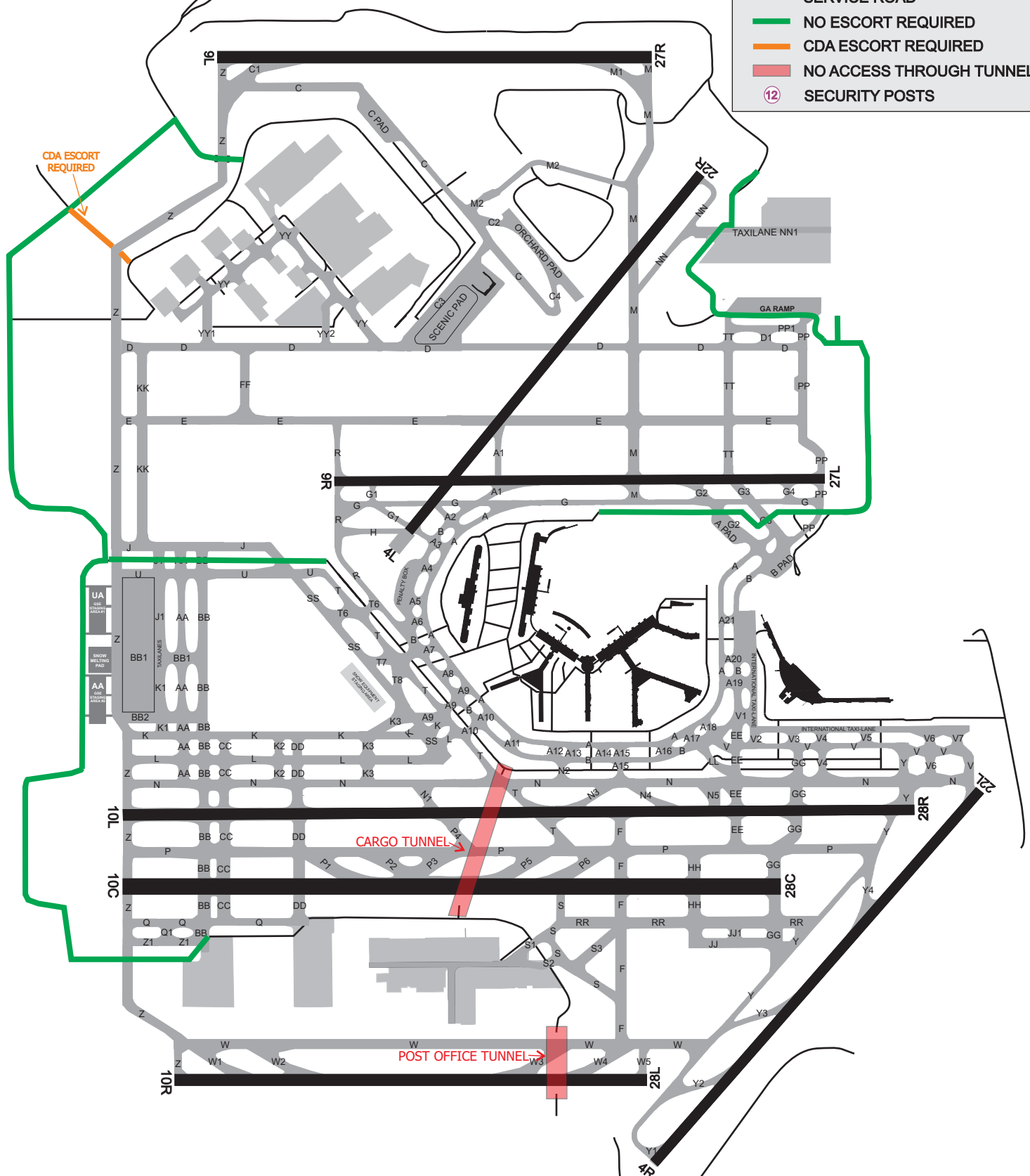




ORD FUEL TRUCK APPROVED ROUTES AND RESTRICTIONS

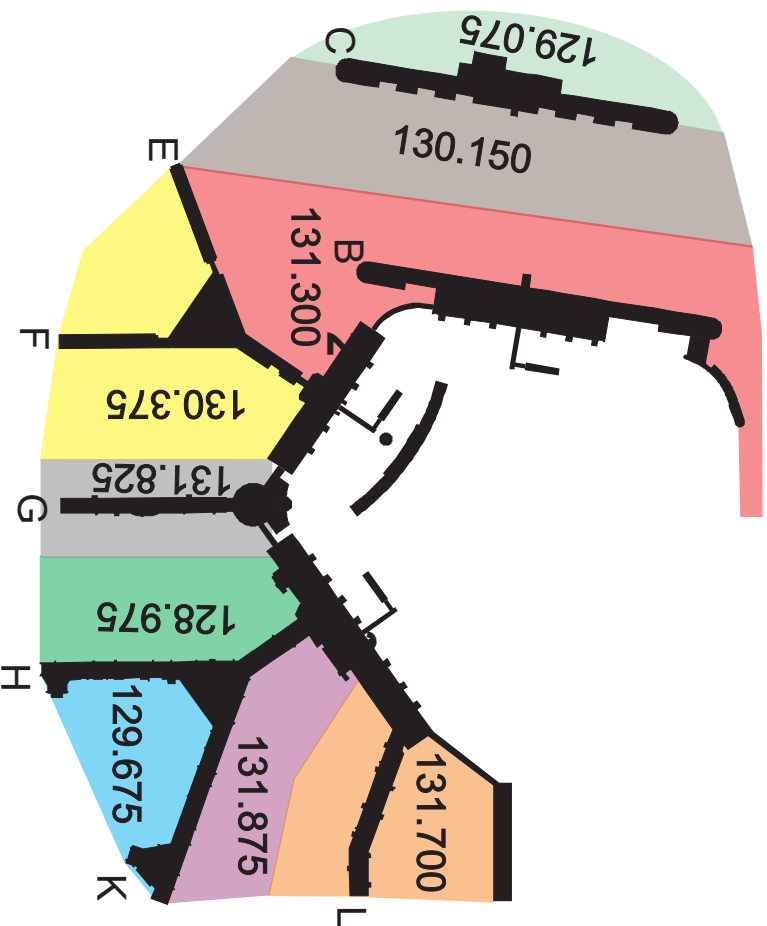
LEGEND

- SERVICE ROAD
- NO ESCORT REQUIRED
- CDA ESCORT REQUIRED
- NO ACCESS THROUGH TUNNEL
- 12 SECURITY POSTS



- Fuel trucks are NOT allowed to cross runways or over the A & B Bridges
- Fuel trucks are NOT allowed through the following tunnels: cargo tunnel (under Rwy 10L/28R & 10C/28C), Post office tunnel (under Rwy 10R/28L), tunnels under the terminals.
- Fuel trucks NOT allowed through Sally Port Gates #42 & #43
- Fuel trucks are allowed to drive under Taxiways Z, W & RWY 10R/28L.

ORD GATE FREQUENCIES



ARINC
129.400
EMERGENCY/GUARD
121.50
FLIGHT SERVICE
122.200
O'HARE CLEARANCE
119.250
121.600
O'HARE RAMP/METERING
121.675
O'HARE RAMP/METERING
(NORTH/SOUTH)
131.300
SIGNATURE
128.925

