Aeronautical Charting Meeting

U.S. NOTAM Governance
APRIL 2021
Overview

• Introduction
  – U.S. NOTAM Governance (AJV-A36)
  – U.S. NOTAM Operations (AJV-A37)

• History
  – NOTAM Modernization
  – Pilot Bill of Rights
  – ICAO Compliance World Wide
ICAO Compliant Changes

• ICAO NOTAM format will replace Domestic NOTAM

• Domestic NOTAM
  !ORD 02/070 ORD RWY 04L/22R CLSD 2002141700-2002141800

• ICAO NOTAM
  B0667/13 NOTAMN
  Q) KZAU/QMRLC/IV/NBO/A/000/999/4159N08754W005
  A) KORD <Location>
  B) 2002141700 <Effective Time>
  C) 2002141800 <Expiration Time>
  D) <Schedule>
  E) RWY 04L/22R CLSD <Text>
  F) <Lower Limit>
  G) <Upper Limit>
What is Changing with ICAO

<table>
<thead>
<tr>
<th>Series</th>
<th>Type NOTAM (N,R,C)</th>
</tr>
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<tbody>
<tr>
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- **Series**
  - There are 13 proposed series due to:
    - Numbering rollover as per ICAO SARPs (1-9999)
    - Sorting

- **Type of NOTAM**
  - N – New
  - R – Replacement
  - C – Cancelled
Series

- **Series B.** Aerodrome Maneuvering Areas (RWY, TWY)
- **Series C.** Published Services (COM, WX, ATC)
- **Series D.** Special Activity Airspace (SAA)
- **Series E.** Airspace Events and Activities (PJE, Gliders etc.)
- **Series G.** Airways and Air Traffic Services Routes
- **Series H.** Regulatory (TFR, Security) NOTAMs (prior FDC)
- **Series I.** Apron/Ramp and Facilities
- **Series J.** Obstructions (Crane, BLDG, Non-FCC Tower)
- **Series K.** FCC Obstructions (ASR assigned)
- **Series N.** Ground-Based Navigational Aids
- **Series R.** Field Condition (TALPA) NOTAM
- **Series V.** Published Instrument Procedures
- **Series Z.** Satellite Based Information
Qualifier Line

• **Purpose:**
  - Used for system filtering, sorting and prioritization.
  - Information may not be visible to pilot in display of NOTAM information.

<table>
<thead>
<tr>
<th>FIR</th>
<th>NOTAM CODE</th>
<th>TRAFFIC</th>
<th>PURPOSE</th>
<th>SCOPE</th>
<th>LOWER</th>
<th>UPPER</th>
<th>COORDINATES/RADIUS</th>
</tr>
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<tr>
<td>KZAU</td>
<td>QMRLC</td>
<td>IV</td>
<td>NBO</td>
<td>A</td>
<td>000</td>
<td>999</td>
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B0667/13 NOTAMN

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Qualifier Line - Accountability

- Accountability: Used for numbering and filing. ICAO uses Flight Information Region (FIR).

Q) KZAU/QMRLC/IV/NBO/A/000/999/4159N08754W005

- Replaces the Flight Service Station accountability.
- In CONUS, FIR identifier is ARTCC identifier.
- No three (3) letter identifier.
- FDC, CARF, GPS accountability not compliant in ICAO.
Qualifier Line – NOTAM Code

• Keywords (COM, NAV, SVC, OBST etc.):
  – Currently used in domestic format for identifying and sorting.

  Q) KZAU/QMRLC/IV/NBO/A/000/999/4159N08754W005

• NOTAM Code:
  – Replaces keyword with Q Line NOTAM code field.
  – Five (5) letter combination.
  – Ability to use for Filtering, Sorting and Prioritization.

• Starts with Q (i.e. QMRLC)
Qualifier Line – NOTAM Code

• **Second and Third Letter (QMR**LC**)**
  – NOTAM Subject
  – MR – Movement Area Runway
    • E) R**W**Y 07L/25**R** CLSD

• **Fourth and Fifth Letter (QMR**LC**)**
  – NOTAM Condition
    • LC – Limitation + Closed
    • E) R**W**Y 07L/25**R** CLSD
Qualifier Line – NOTAM Code

– Examples

• QRRCA – Restricted Area activated
  – E) R4102 ACT

• QMXCH – Taxiway Closure
  – E) TWY A CLSD

• QNVAS – VOR unserviceable
  – E) TTT VOR U/S

• QFUAU – Fuel not available
  – E) 100LL FUEL NOT AVBL

• QLAAS – Approach Lighting System unserviceable
  – E) RWY 22 ALS U/S
Qualifier Line

Q) KZAU/QMRLC/IV/NBO/A/000/999/4159N08754W005

- Traffic (I, V)
- Purpose (N, B, O, M, K)
- Scope (A, E, W)
- Altitude Limit (Lower, Upper in FL)
- Coordinates (Center of Activity)
- Radius
Affected Location

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• **A) line will accept only ICAO identifiers**
  – Four (4) letter ICAO location identifier or FIR
  – Alpha-Numeric identifiers not allowed
  – If Alpha-Numeric or longer than 4 letters, it will be stated in the E) line with the A) line being the FIR
NOTAM Validity Time/Schedule

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• B) and C) lines (possible use for system filtering)
  – Start and End of Activity

• D) line
  – Daily time (DLY; MON WED FRI; MON-FRI, H24)
    • Combination of whole day-periods (H24) with part day-periods. Activity H24 on WED and FRI, and from 0600 to 1700 on SUN:

• Example:  
  B) 2002100600  
  C) 2002292359  
  D) SUN 0600-1700, WED FRI H24
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• **E) line**
  - NOTAM Textual Content
  - No KEYWORDS
  - ICAO abbreviations/contractions or plain language
  - Alpha-Numeric Location
Altitude

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- **F) and G) line**
  - Altitude range.
- **Altitudes from items F) and G) will generate the values for the qualifier line altitude field.**

**Options:**

- FL  –  SFC
- GND  –  AGL
- AMSL  –  UNL
Questions?

• Contact NOTAM Governance Group:

https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/Aeronautical_Inquiries/

To create an account:

https://nfdc.faa.gov/nfdcApps/controllers/PublicSecurity/register