**ARINC 424 NDB**

**Draft 1 of Supplement 23**

**Discussion/Proposal**

**Location Renton, Washington**

**July 9-11, 2019**

Runway Type

**V.0**

David Atkinson

Alexis Lehr-Kwarta

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| **SUMMARY** |
| There is currently no method for indicating specific types (not surfaces) of runways in 424-22 that have source or can be derived from imagery. We are proposing new codes added to runway ident that would indicate the runway type and support the need for unique runway identifier records. |

1. **INTRODUCTION/ BACK GROUND**

NGA is receiving source or viewing imagery that indicates more than one runway with the same ident or an ident with the runway type such as Assault Strip, Grass/Earth, Helicopter, Short Take-Off and Landing (STOL), Unmanned Aerial System/ Unmanned Aerial Vehicle (UAS), and Water.

1. **DISCUSSION and or ACTION**

Let’s look at the attached .ppt, it has examples of imagery and host source.



1. **Changes as depicted (Track Changes is Helpful)**

Current specification:

**5.46 Runway Identifier (RUNWAY ID)**

Definition/Description: The Runway Identifier field identifies the runways described in runway records and runways served by the ILS/MLS described in ILS/MLS records.

Source/Content: Runway identifiers are derived from official government sources and are shown in the following format:

The two letters RW are followed by two numeric, 01 thru 36, and may contain a fifth character designation of one of the following:

|  |  |
| --- | --- |
| C | Center (Runway of three parallel runways) |
| L | Left (Runway of two or three parallel runways) |
| R | Right (Runway of two or three parallel runways) |

Any other designations (suffixes), such as North, South, East, West, True, or STOL will not be included in the ARINC 424 database file.

|  |  |
| --- | --- |
| Used On: | Airport and Heliport ILS and MLS, GLS Runway, Airport and |
|  | Heliport Localizer Marker, Path Point, and GLS Records. |
| Length: | 5 characters max |
| Character Type: | Alpha/numeric |
| Examples: | RW26L, RW08R, RW26C, RW05, |

New Proposal:

**5.46 Runway Identifier (RUNWAY ID)**

Definition/Description: The Runway Identifier field identifies the runways described in runway records and runways served by the ILS/MLS described in ILS/MLS records.

Source/Content: Runway identifiers are derived from official government sources and are shown in the following format:

The two letters RW are followed by two numeric, 01 thru 36, and may contain a fifth character designation of one of the following:

|  |  |
| --- | --- |
| C | Center (Runway of three parallel runways) |
| L | Left (Runway of two or three parallel runways) |
| R | Right (Runway of two or three parallel runways) |
| A | Assault Strip |
| E | Earth (Dirt and or Grass) |
| H | Helicopter |
| S | Short Take-Off and Landing (STOL) |
| U | Unmanned Aerial Vehicle/System (UAS/UAV) |
| W | Water |

|  |  |
| --- | --- |
| Used On: | Airport and Heliport ILS and MLS, GLS Runway, Airport and |
|  | Heliport Localizer Marker, Path Point, and GLS Records. |
| Length: | 5 characters max |
| Character Type: | Alpha/numeric |
| Examples: | RW26L, RW08R, RW26C, RW05, RW23A, RW18H |