NDB Meeting

April 16-19, 2023, Hapeville, Georgia

1. Welcome, Introduction, and Intellectual Property Presentation
2. Acceptance of the NDB Meeting Reports (**23-063/NDT-189**)
3. IFPP Update—Lufthansa Navigation Systems
4. True North Advisory Group (WP 21)
5. Working Papers

|  |  |
| --- | --- |
| Subject | Source |
| 1. Runway Final End Points
 | Garmin |
| 1. Foldout Pages
 | ARINC IA |
| 1. Adding Continuation Record number to Communication Type Translation Table Primary Record
 | Lufthansa Systems |
| 1. Adding Clearway and a Primary Extension Continuation Record to the Runway Record
 | Lufthansa Systems |
| 1. Updating GLS Identifier Examples
 | Lufthansa Systems |
| 1. Update to leg Sequencing
 | GE Aerospace |
| 1. PI Leg Excursion Time
 | GE Aerospace |
| 1. Vertical Angles Coded between FAF and MAPT
 | The Boeing Company |
| 1. Localizer Position Field 5.48
 | Boeing/Jeppesen |
| 1. Update PP Record SBAS ID and APD in Order to Support DFMC
 | Boeing/Jeppesen |
| 1. True Runways
 | Boeing/Jeppesen |
| 1. Update of Section 6.2.10.2.F in Attachment 5
 | Boeing/Jeppesen |
| 1. VNAV on Approach Transition Sequences
 | Boeing/Jeppesen |
| 1. SBAS Service Provider for Non-Precision Approach, Terminal & Enroute Navigation
 | Thales |
| 1. Communication Frequency for Restrictive and Controlled Airspace
 | Thales |
| 1. Remove isForMultipleProcedures Waypoint Type from XML Schema
 | Lufthansa Systems |
| 1. Update of the Navaid Collocation Criteria
 | Thales |
| 1. XML Altitude Types
 | Lufthansa Systems |
| 1. Visual Guidance Fix, Visual Fix, and VPT Procedure Qualifier
 | Boeing/Jeppesen |
| 1. ARINC 424 XML Schemas
 | MITRE |
| 1. ICAO True North Advisory Group
 | ICAO |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

# 5. Action Items from the Previous Meeting Report

1. Jeppesen is to provide an updated proposal on Initial Missed Approach Leg with Immediate Turn, xA legs to 400 ft. Data base suppliers are to provide test data to FMS manufacturers (Working Paper 8, Reference 17-161/NDT-173, Reference 19-093/NDT-180 Attachments 21-23, and Work Paper 20 Reference 21-091/NDT-186).
2. Universal Avionics accepted the action to review Chapter 4 and update Notes 1 and 2 to the non-standard sorting sequence as appropriate.
3. Jeppesen to provide an updated proposal to Visual Guidance Fix, Working Paper 12 Rev 2, Reference 21-091/NDT-186.
4. Airbus to provide a proposal coding the vertical angle coding at the FAF. Reference 21-091/NDT-186, Working Paper 19.
5. Garmin to provide an updated proposal on Code Inserted Runway Fixes as FEP, Reference Working Paper 19 Rev 5, Reference 23-063/NDT-189.
6. GE Aerospace to provide a proposal on clarifying step-down fixes, Working Paper 3, Reference 23-063/NDT-189.
7. Boeing/Jeppesen to provide a proposal on updating the definition text for the localizer and Glideslope relative position content for the PI Record, Working Paper 14, Reference 23-063/NDT-189.

# 6. Future Work Program

#### a. Tasks to next meeting

#### b. Next Meeting Dates and Location