

AERONAUTICAL BOUNDARY SEGMENTS (ARB) DATA
COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT
(ARB-FILE)

INFORMATION EFFECTIVE DATE: 11/30/2023

RECORD FORMAT: COMMA DELIMITED WITH ALL TEXT FIELDS ENCLOSED WITHIN DOUBLE-QUOTE CHARACTERS

LOGICAL RECORD INTERVAL: ALL RECORDS HAVE THE SAME NUMBER OF FIELDS, IN THE SAME ORDER AND RECORD ENDS AT A LINE TERMINATOR

DATA HEADERS: FIRST ROW CONTAINS FIELD NAMES

ARB FILES: ARB_BASE, ARB_SEG

COMMON TO ALL ARB FILES: EFF_DATE, LOCATION_ID, LOCATION_NAME

GENERAL INFORMATION:

1. The ARB_*.csv files were designed to replace the legacy ARB.txt Subscriber File.
2. ARB_*.csv files contain the data found in the legacy ARB.txt Subscriber File. Data while comparable to the legacy ARB.txt is in some cases organized and presented in a different way.
3. Please enter any feedback in the Aeronautical Information Portal.
<https://nfdc.faa.gov/nfdcApps/controllers/PublicSecurity/nfdcLogin>

FIELD DESCRIPTIONS

COMMON TO ALL

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EFF_DATE – The 28 Day NASR Subscription Effective Date in format ‘YYYY/MM/DD’.

LOCATION_ID – Location Identifier. 3-4 character alphanumeric identifier.

LOCATION_NAME – Center Name.

ARB_BASE ordered by and unique key: LOCATION_ID

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COMPUTER_ID – Location Computer Identifier

ICAO_ID – ICAO Identifier

LOCATION_TYPE – Location Type (ARTCC or CERAP).

CITY – Location City Name

STATE_CODE – Location State Post Office Code standard two letter abbreviation for US States and Territories.

COUNTRY_CODE – Location Country Post Office Code

LAT_DEG – Location Reference Point Latitude Degrees

LAT_MIN – Location Reference Point Latitude Minutes

LAT_SEC – Location Reference Point Latitude Seconds

LAT_HEMIS – Location Reference Point Latitude Hemisphere

LAT_DECIMAL – Location Reference Point Latitude in Decimal Format

LONG_DEG – Location Reference Point Longitude Degrees

LONG_MIN – Location Reference Point Longitude Minutes

LONG_SEC – Location Reference Point Longitude Seconds

LONG_HEMIS – Location Reference Point Longitude Hemisphere

LONG_DECIMAL – Location Reference Point Longitude in Decimal Format

CROSS_REF – Cross Reference Text (Free Form Text that further describes a specific Information Item.)

ARB_SEG ordered by LOCATION_ID, TYPE, ALTITUDE, POINT_SEQ; Unique key: REC_ID

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REC_ID – Concatenation of the LOCATION_ID * BNDRY_CODE * 5 Character Point Designator.

ALTITUDE – Boundary Altitude Structure – HIGH, LOW or UNLIMITED.

TYPE – Boundary Type (ARTCC, FIR, CTA, CTA/FIR, UTA).

POINT_SEQ – Sequencing number in multiples of ten. Points are in order adapted for given Boundary.

LAT_DEG – Boundary Point Latitude Degrees

LAT_MIN – Boundary Point Latitude Minutes

LAT_SEC – Boundary Point Latitude Seconds

LAT_HEMIS – Boundary Point Latitude Hemisphere

LAT_DECIMAL – Boundary Point Latitude in Decimal Format

LONG_DEG – Boundary Point Longitude Degrees

LONG_MIN – Boundary Point Longitude Minutes

LONG_SEC – Boundary Point Longitude Seconds

LONG_HEMIS – Boundary Point Longitude Hemisphere

LONG_DECIMAL – Boundary Point Longitude in Decimal Format

BNDRY_PT_DESCRIP – Description of Boundary Line Connecting Points on The Boundary.

NAS_DESCRIP_FLAG – An 'X' In This Field Indicates This Point Is Used Only in The NAS Description and Not the Legal Description.