

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

INFORMATION EFFECTIVE DATE: 02/22/2024

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 – 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.