

AIRSPACE FIXES (FIX) DATA
COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT
(FIX-FILES)

INFORMATION EFFECTIVE DATE: 11/30/2023

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

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

DATA HEADERS: FIRST ROWS CONTAIN FIELD NAMES

FIX FILES: FIX_BASE, FIX_CHRT, FIX_NAV

COMMON TO ALL FIX FILES: EFF_DATE, FIX_ID, ICAO_REGION_CODE, STATE_CODE, COUNTRY_CODE

GENERAL INFORMATION:

1. The FIX_*.csv files were designed to replace the legacy FIX.txt Subscriber File.
2. The Ordered By list for each FIX FILE documented below is also the Unique Record Key.
3. FIX_*.csv files contain the data found in the legacy FIX.txt Subscriber File. Data while comparable to the legacy FIX.txt is in some cases organized and presented in a different way.
4. 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’.

FIX_ID – Fixed Geographical Position Identifier.

ICAO_REGION_CODE – International Civil Aviation Organization (ICAO) Code. In General, the First Letter of an ICAO Code refers to the Country. The Second Letter discerns the Region within the Country.

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

COUNTRY_CODE - Country Post Office Code

FIX_BASE ordered by FIX_ID, ICAO_REGION_CODE

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LAT_DEG – FIX Latitude Degrees

LAT_MIN – FIX Latitude Minutes

LAT_SEC – FIX Latitude Seconds

LAT_HEMIS – FIX Latitude Hemisphere

LAT_DECIMAL – FIX Latitude in Decimal Format

LONG_DEG – FIX Longitude Degrees

LONG_MIN – FIX Longitude Minutes

LONG_SEC – FIX Longitude Seconds

LONG_HEMIS – FIX Longitude Hemisphere

LONG_DECIMAL – FIX Longitude in Decimal Format

FIX_ID_OLD – Previous Name(s) of the Fix before It was Renamed.

CHARTING_REMARK – Charting Information.

FIX_USE_CODE – FIX Type.

CN (COMPUTER NAVIGATION FIX)
MR (MILITARY REPORTING POINT)
MW (MILITARY WAYPOINT)
NRS (NRS WAYPOINT)
RADAR (RADAR)
RP (REPORTING POINT)
VFR (VFR WAYPOINT)
WP (WAYPOINT)

ARTCC_ID_HIGH – Denotes High ARTCC Area Of Jurisdiction.

ARTCC_ID_LOW – Denotes Low ARTCC Area Of Jurisdiction.

PITCH_FLAG - Pitch (Y = YES or N = NO)

CATCH_FLAG – Catch (Y = YES or N = NO)

SUA_ATCAA_FLAG - SUA/ATCAA (Y = YES or N = NO)

MIN_RECEP_ALT - Fix Minimum Reception Altitude (MRA)

COMPULSORY – Compulsory FIX identified as HIGH or LOW or LOW/HIGH. Null in this field identifies Non-Compulsory FIX.

CHARTS – Concatenated list of the information found in the FIX_CHRT file separated by a comma.

FIX_CHRT ordered by FIX_ID, ICAO_REGION_CODE, CHARTING_TYPE_DESC

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CHARTING_TYPE_DESC – Chart on Which Fix Is To Be Depicted

FIX_NAV ordered by FIX_ID, ICAO_REGION_CODE, NAV_ID, NAV_TYPE

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NAV_ID – NAVAID Identifier.

NAV_TYPE – Facility Type.

BEARING – Bearing, Radial, Direction or Course depending on Facility Type.

DISTANCE – DME Distance from Facility.