



Federal Aviation Administration

Readme

Date: August 10, 2023

To: Users of the Aeronautical Information Service (AIS) 28 Day NASR Subscription

From: Aeronautical Information Services

Subject: Comma-Separated Values (CSV) files

There have been requests from users internal and external for an alternative to the flat text fixed length legacy subscriber files. The CSV files documented here are an attempt to meet the need. The goal is to have a full complement of subscriber data coded as CSV files by the end of the 2023 calendar year. There is a DATA LAYOUT document and a CSV DATA STRUCTURE file for each resource grouping. See the Data Layout Document and CSV Data Structure File for further information on what data (including data types, max length, nullable, how displayed and organized) is contained in each.

CSV subscriber files are currently in development. We may be making minor changes to the files on the web through 2023 as user input is incorporated. The data within the files is valid data and operationally usable - like the legacy txt. Only the structure of the file may change.

DATUM

The CSV subscriber files do not cite a datum for geodetic coordinates. All US coordinate information provided currently references NAD 83.

AIR TRAFFIC CONTROL COMMUNICATION CSV files – ATC_*.csv

The ATC_*.csv files were designed from a deconstruction of the legacy TWR.txt and AFF.txt Subscriber Files. ATC_*.csv files are not a complete replacement but a logical grouping of Tower specific data, Radio Call and Operator Data from TWR1 record, Services from TWR4 record, ATIS from TWR9 record, APCH/DEP Primary/Secondary Operator Hours from TWR2 record, ARTCC/CERAP data from AFF1 record, Remarks from the TWR6 record and ARTCC/CERAP remarks from AFF2.

The ATC_*.csv consists of the following files: ATC_BASE.csv, ATC_ATIS.csv, ATC_SVC.csv and ATC_RMK.csv.

AIRPORT CSV files – APT_*.csv

The APT_*.csv files were designed as an alternative file type/layout to the legacy APT.txt subscriber file. It contains the full complement of data that is found in the APT.txt, with the exception of any frequency data which is now located in the FRQ.csv. Data, while comparable to the legacy APT.txt, is in some cases organized and presented in a different way. The APT_*.csv files contain data that was not previously included in APT.txt subscriber – e.g. all airport contact information, not just OWNER/MANAGER, all Fuel Types, etc.

The APT_*.csv consists of the following files: APT_ARS.csv, APT_ATT.csv, APT_BASE.csv, APT_CON.csv, APT_RMK.csv, APT_RWY.csv and APT_RWY_END.csv.

AIRSPACE FIXES CSV files – FIX_*.csv

UPDATE 08/10/23: Correction to FIX_USE_CODE description in FIX DATA LAYOUT.pdf.

The FIX_*.csv files were designed as an alternative file type/layout to the legacy FIX.txt subscriber file. It contains the full complement of data that is found in the FIX.txt. Data, while comparable to the legacy FIX.txt, is in some cases organized and presented in a different way.

The FIX_*.csv consists of the following files: FIX_BASE.csv, FIX_CHRT.csv and FIX_NAV.csv.

ASOS/AWOS CSV file – AWOS.csv

The AWOS.csv file was designed as an alternative file type/layout to the legacy AWOS.txt subscriber file. It contains the full complement of data that is found in the AWOS.txt with the exception of the frequency data which can be found in FRQ.csv. Data, while comparable to the legacy AWOS.txt, is in some cases organized and presented in a different way.

CLASS AIRSPACE CSV file – CLS_ARSP.csv

The CLS_ARSP.csv was designed from a deconstruction of the legacy TWR.txt Subscriber File as a logical grouping of the data found in the TWR8 record - CLASS B/C/D/E AIRSPACE AND AIRSPACE HOURS DATA.

CODED DEPARTURE ROUTES CSV file – CDR.csv

This is an Enroute Charting file that is only generated new every 56 days

The CDR.csv was designed to replace the legacy CDR.txt Subscriber File. Data while comparable to the legacy CDR.txt also includes a header row and five additional columns - ACNTR, TCNTRs, CoordReq, Play and NavEqp.

COMMUNICATIONS OUTLET FACILITIES file – COM.csv

The COM.csv file was designed as a logical grouping of all Communications Outlet Facilities found in the legacy COM.txt and AFF.txt subscriber files. It contains the full complement of data that is found in the COM.txt as well as RCAG data from the legacy AFF.txt subscriber file. Data, while comparable to the legacy COM.txt and AFF.txt, is in some cases organized and presented in a different way.

FLIGHT SERVICE STATIONS CSV files – FSS_*.csv

The FSS_*.csv files were designed as an alternative file type/layout to the legacy FSS.txt subscriber file. It does not contain the full complement of data that is in the FSS.txt. FSS frequency data moved to FRQ.csv. FSS.txt items that are redundant because they are contained in other legacy subscriber products are not included here. Owner and Operator information removed as all US FSS are FAA owned and operated. Data, while comparable to the legacy FSS.txt, is in some cases organized and presented in a different way.

The FSS_*.csv consists of the following files: FSS_BASE.csv and FSS_RMK.csv.

FREQUENCY CSV file – FRQ.csv

The FRQ.csv was designed as a comprehensive frequency data file. It is a consolidation of the frequency, use, and airport servicing that is currently reported in the TWR.txt and AFF.txt legacy subscriber files, specifically in the TWR3, TWR7, AFF3 and AFF4 records. It also includes RCO from COM.txt, GCO/CTAF/UNICOM from RMK record type in the APT.txt, ASOS/AWOS from AWOS.txt and FSS/RADIO from FSS.txt.

HOLDING PATTERN CSV files – HPF_*.csv

The HPF_*.csv files were designed as an alternative file type/layout to the legacy HPF.txt subscriber file. It contains the full complement of data that is found in the HPF.txt. Data, while comparable to the legacy HPF.txt, is in some cases organized and presented in a different way.

The HPF_*.csv consists of the following files: HPF_BASE.csv, HPF_CHRT.csv, HPF_RMK.csv and HPF_SPD_ALT.csv.

INSTRUMENT LANDING SYSTEM CSV files – ILS_*.csv

It contains the full complement of data that is found in the ILS.txt. It does not, however, contain DECOMMISSIONED Systems or Components. Data, while comparable to the legacy ILS.txt, is in some cases organized and presented in a different way.

The ILS_*.csv consists of the following files: ILS_BASE.csv, ILS_DME.csv, ILS_GS.csv, ILS_MKR.csv and ILS_RMK.csv.

MILITARY OPERATIONS CSV file – MIL_OPS.csv

The MIL_OPS.csv was designed from a deconstruction of the legacy TWR.txt Subscriber File as a logical grouping of military data found in the TWR1 and TWR2 records.

NAVIGATION AID CSV files – NAV_*.csv

The NAV_*.csv files were designed as an alternative file type/layout to the legacy NAV.txt subscriber file. It contains the full complement of data that is found in the NAV.txt. It does not, however, contain DECOMMISSIONED NAVAIDS. Data, while comparable to the legacy NAV.txt, is in some cases organized and presented in a different way.

The NAV_*.csv consists of the following files: NAV_BASE.csv, NAV_CKPT.csv and APT_RMK.csv.

PREFERRED ROUTE CSV files – PFR_*.csv

This is an Enroute Charting file that is only generated new every 56 days.

UPDATE 08/10/23: SEGMENT_SEQ added to PFR_SEG for each SEG_VALUE. It is a sequencing number in multiples of five. Segment Values are in order adapted for each Preferred Route.

The PFR_*.csv files are designed as an alternative file type/layout to the legacy PFR.txt subscriber file. It contains the full complement of data that is found in the legacy PFR.txt subscriber file. Data, while comparable to the legacy PFR.txt, is in some cases organized and presented in a different way.

RADAR CSV file – RDR.csv

The RDR.csv was designed from a deconstruction of the legacy TWR.txt Subscriber File as a logical grouping of radar data found in the TWR5 record.

WEATHER REPORTING LOCATIONS CSV files – WXL_*.csv

This is an Enroute Charting file that is only generated new every 56 days.

The WXL_*.csv files were designed as an alternative file type/layout to the legacy WXL.txt subscriber file. It contains the full complement of data that is found in the WXL.txt. Data, while comparable to the legacy WXL.txt, is in some cases organized and presented in a different way.

The WXL_*.csv consists of the following files: WXL_BASE.csv and WXL_SVC.csv.

UPDATE 08/10/23: The Following CSV files added new for this cycle:

AIRWAY CSV files – AWY_*.csv

This is an Enroute Charting file that is only generated new every 56 days

The AWY_*.csv files were designed as an alternative file type/layout to the legacy AWY.txt and ATS.txt subscriber files. It does not contain the full complement of data that is in the AWY.txt and ATS.txt. Several data items removed as non-essential. A new column called REGULATORY added to be able to combine the two files. Airways designated as REGULATORY “Y” correspond to AWY.txt and REGULATORY “N” correspond to ATS.txt. Data, while comparable to the legacy AWY.txt and ATS.txt, is in some cases organized and presented in a different way.

The AWY_*.csv consists of the following files: AWY_BASE.csv, AWY_ALT.csv and AWY_SEG.csv.

STANDARD DEPARTURE PROCEDURE CSV files – DP_*.csv

This is an Enroute Charting file that is only generated new every 56 days

The DP_*.csv files were designed as an alternative file type/layout of the Departure Procedure (DP) information from the legacy STARDP.txt subscriber file. It contains a full complement of the DP data that is in the STARDP.txt. Data, while comparable to the legacy STARDP.txt, is in some cases organized and presented in a different way.

The DP_*.csv consists of the following files: DP_BASE.csv, DP_APT.csv and DP_RTE.csv.

STANDARD TERMINAL ARRIVAL CSV files – STAR_*.csv

This is an Enroute Charting file that is only generated new every 56 days

The STAR_*.csv files were designed as an alternative file type/layout of the Standard Terminal Arrival (STAR) information from the legacy STARDP.txt subscriber file. It contains a full complement of the STAR data that is in the STARDP.txt. Data, while comparable to the legacy STARDP.txt, is in some cases organized and presented in a different way.

The STAR_*.csv consists of the following files: STAR_BASE.csv, STAR_APT.csv and STAR_RTE.csv.

Feedback greatly appreciated. Please enter your feedback in the Aeronautical Information Portal. <https://nfdc.faa.gov/nfdcApps/controllers/PublicSecurity/nfdcLogin>