

HOLDING PATTERN (HPF) DATA  
COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT  
(HPF-FILES)

INFORMATION EFFECTIVE DATE: 05/19/2022

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

HPF FILES: HPF\_BASE, HPF\_CHRT, HPF\_RMK, HPF\_SPD\_ALT

COMMON TO ALL HPF FILES: EFF\_DATE, HP\_NAME, HP\_NO, STATE\_CODE, COUNTRY\_CODE

GENERAL INFORMATION:

1. The HPF\_\*.csv files were designed to replace the legacy HPF.txt Subscriber File.
2. The Ordered By list for each HPF FILE documented below is also the Unique Record Key.
3. HPF\_\*.csv files contain the data found in the legacy HPF.txt Subscriber File. Data while comparable to the legacy HPF.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’.

HP\_NAME – Holding Pattern Identifier (NAVAID\_NAME FACILITY\_TYPE\*STATE\_CODE) OR (FIX\_NAME FIX\_TYPE\*STATE\_CODE\*ICAO\_REGION\_CODE).

HP\_NO – Pattern Number to Uniquely Identify Holding Pattern

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

COUNTRY\_CODE - Country Post Office Code

*HPF\_BASE ordered by HP\_NAME, HP\_NO*

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FIX\_ID – Fix with which Holding is Associated.

ICAO\_REGION\_CODE – ICAO Region Code of the Fix with which the Holding is Associated.

NAV\_ID – NAVAID with which Holding is Associated.

NAV\_TYPE – Facility Type of the NAVAID with which the Holding is Associated.

HOLD\_DIRECTION – Direction of Holding on the NAVAID or Fix

HOLD\_DEGREES – Magnetic Bearing, Radial (Degrees) or Course Direction of Holding

AZIMUTH - Azimuth (Degrees Shown Above is a Radial, Course, Bearing, or RNAV Track)

COURSE\_INBOUND\_DEG – Inbound Course.

TURN\_DIRECTION – Turning Direction

LEG\_LENGTH\_DIST –Leg Length Outbound DME (NM)

*HPF\_CHRT ordered by HP\_NAME, HP\_NO, CHARTING\_TYPE\_DESC*

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CHARTING\_TYPE\_DESC – Chart on Which Holding Pattern is To Be Depicted.

*HPF\_RMK ordered by HP\_NAME, HP\_NO, TAB\_NAME, REF\_COL\_NAME, REF\_COL\_SEQ\_NO*

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TAB\_NAME – NASR table associated with Remark.

REF\_COL\_NAME – NASR Column name associated with Remark. Non-specific remarks are identified as GENERAL\_REMARK.

REF\_COL\_SEQ\_NO – Sequence number assigned to Reference Column Remark.

REMARK – Remark Text (Free Form Text that further describes a specific Information Item.)

*HPF\_SPD\_ALT ordered by HP\_NAME, HP\_NO, SPEED\_RANGE, ALTITUDE*

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SPEED\_RANGE– Speed Range for Holding Altitude of Record.

ALTITUDE – Holding Altitude for Speed Range of Record.