AIR TRAFFIC CONTROL COMMUNICATION DATA

COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT

(ATC-FILES)

INFORMATION EFFECTIVE DATE: 12/01/2022

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

LOGICAL RECORD INTERVAL: ALL RECORDS WITHIN A SPECIFIC ATC 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

ATC FILES: ATC\_BASE, APT\_SVC, ATC\_RMK

COMMON TO ALL ATC FILES: EFF\_DATE, SITE\_NO, SITE\_TYPE\_CODE, FACILITY\_TYPE, STATE\_CODE, FACILITY\_ID, CITY, COUNTRY\_CODE

GENERAL INFORMATION:

1. 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.
2. The Ordered By list for each ATC FILE documented below is also the Unique Record Key.
3. Data in the ATC\_\*.csv files while comparable to elements from the legacy TWR.txt and AFF.txt is in some cases organized and presented in different ways.
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’.

SITE\_NO – Landing Facility Site Number. A unique identifying number. Not applicable to TRACON, ARTCC or CERAP.

SITE\_TYPE\_CODE – Facility Type Code.

CODE FACILITY

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A AIRPORT

B BALLOONPORT

C SEAPLANE BASE

G GLIDERPORT

H HELIPORT

U ULTRALIGHT

V VERTIPORT

FACILITY\_TYPE – Facility Type.

TYPE CODE DESCRIPTION

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ATCT Air Traffic Control Tower.

ATCT-A/C Air Traffic Control Tower plus Approach Control.

ATCT-RAPCON Air Traffic Control Tower plus Radar Approach Control (Air Force Operates ATCT/FAA Operates Approach Control)

ATCT-RATCF Air Traffic Control Tower plus Radar Approach Control. (Navy Operates ATCT/ FAA Operates Approach Control)

ATCT-TRACON Air Traffic Control Tower plus Terminal Radar Approach Control.

NON-ATCT Non-Air Traffic Control Tower.

TRACON Consolidated Tracon.

ARTCC Air Route Traffic Control Center.

CERAP Center Radar Approach Control Facility.

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

FACILITY\_ID – Location Identifier. Unique 3-4 character alphanumeric identifier assigned to the Landing Facility or TRACON.

CITY – Airport Associated City Name

COUNTRY\_CODE - Country Post Office Code Airport Located

*ATC\_BASE ordered by FACILITY\_ID, FACILITY\_TYPE*

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ICAO\_ID - ICAO Identifier

FACILITY\_NAME – Official Facility Name

REGION\_CODE – FAA Region Code.

CODE REGION NAME

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AAL ALASKA

ACE CENTRAL

AEA EASTERN

AGL GREAT LAKES

ANE NEW ENGLAND

ANM NORTHWEST MOUNTAIN

ASO SOUTHERN

ASW SOUTHWEST

AWP WESTERN-PACIFIC

TWR\_OPERATOR\_CODE – Operator Code of the Agency that Operates the Tower.

OPER CODE DESCRIPTION

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A U.S. Air Force

C U.S. Coast Guard

CITY CITY

COUNTY COUNTY

D Canadian Ministry of Transport

F Federal Aviation Admin

FCT FAA Contract Tower

G Federal Gov't - Not U.S.A

N U.S. Navy

NFCT Non Fed Control Tower

O Other

P Private

R U.S. Army

W U.S. Weather Service

X Royal Canadian Air Force

Z Unknown

TWR\_CALL – Radio Call used by Pilot to Contact Tower.

TWR\_HRS – Hours of Tower Operation in Local Time.

PRIMARY\_APCH\_RADIO\_CALL – Radio Call of Facility That Furnishes Primary Approach Control.

APCH\_P\_PROVIDER – Facility ID (or Provider Description when Provider Type equals ‘S’) of the Agency That Operates the Primary Approach Control Facility/Functions

APCH\_P\_PROV\_TYPE\_CD – Provider Agency Type Code for Agency that Operates the Primary Approach Control Facility/Functions.

CODE FACILITY

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A AIRPORT (with ATCT)

C ARTCC

S Special

T TRACON

SECONDARY\_APCH\_RADIO\_CALL – Radio Call of Facility That Furnishes Secondary Approach Control.

APCH\_S\_PROVIDER – Facility ID (or Provider Description when Provider Type equals ‘S’) of the Agency That Operates the Secondary Approach Control Facility/Functions

APCH\_S\_PROV\_TYPE\_CD – Provider Agency Type Code for Agency that Operates the Secondary Approach Control Facility/Functions.

CODE FACILITY

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A AIRPORT (with ATCT)

C ARTCC

S Special

T TRACON

PRIMARY\_DEP\_RADIO\_CALL – Radio Call of Facility That Furnishes Primary Departure Control.

DEP\_P\_PROVIDER – Facility ID (or Provider Description when Provider Type equals ‘S’) of the Agency That Operates the Primary Departure Control Facility/Functions

DEP\_P\_PROV\_TYPE\_CD – Provider Agency Type Code for Agency that Operates the Primary Departure Control Facility/Functions.

CODE FACILITY

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A AIRPORT (with ATCT)

C ARTCC

S Special

T TRACON

SECONDARY\_DEP\_RADIO\_CALL – Radio Call of Facility That Furnishes Secondary Departure Control.

DEP\_S\_PROVIDER – Facility ID (or Provider Description when Provider Type equals ‘S’) of the Agency That Operates the Secondary Departure Control Facility/Functions

DEP\_S\_PROV\_TYPE\_CD – Provider Agency Type Code for Agency that Operates the Secondary Departure Control Facility/Functions.

CODE FACILITY

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A AIRPORT (with ATCT)

C ARTCC

S Special

T TRACON

CTL\_FAC\_APCH\_DEP\_CALLS – Approach Departure Call associated with a Control Facility.

APCH\_DEP\_OPER\_CODE – Agency Type Code that Operates the Control Facility

CODE FACILITY

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A U.S. AIR FORCE

F FEDERAL AVIATION ADMIN

N U.S. NAVY

R U.S. ARMY

CTL\_PRVDING\_HRS – Hours of Operation of the Primary Control Facility.

SECONDARY\_CTL\_PRVDING\_HRS – Hours of Operation of the Secondary Control Facility.

*ATC\_ATIS ordered by SITE\_NO, SITE\_TYPE\_CODE, ATIS\_NO*

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ATIS\_NO – ATIS Serial Number.

DESCRIPTION – Optional Description of Purpose, Fulfilled by ATIS.

ATIS\_HRS – ATIS Hours of Operation in Local Time.

ATIS\_PHONE\_NO – ATIS Phone Number.

*ATC\_RMK ordered by FACILITY\_ID, FACILITY\_TYPE, REF\_COL\_NAME, REMARK\_NO*

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LEGACY\_ELEMENT\_NUMBER – Legacy Remark Element.

TAB\_NAME – NASR Table name associated with Remark.

REF\_COL\_NAME – NASR Column name associated with Remark. ARPT\_CTL\_REMARKs are identified as ATC\_REMARK. All other Non-specific remarks are identified as GENERAL\_REMARK.

REMARK\_NO - Sequence number assigned to Reference Column Remark.

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

*ATC\_SVC ordered by FACILITY\_ID, FACILITY\_TYPE, CTL\_SVC*

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CTL\_SVC – Services Provided to Satellite Airport.