

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.