

## TXT to CSV MAPPING Document

This mapping document is intended to provide users of the legacy txt subscriber files with a guide in finding relevant corresponding data contained in the new csv formatted subscriber files. The header and footer of each page will identify which legacy txt file grid is contained on that page. If you encounter data discrepancies, have suggestions for changes, or have questions about the data contained in our products, please contact us through our Aeronautical Inquiries Portal here:

[https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/aero\\_data/Aeronautical\\_Inquiries/](https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/Aeronautical_Inquiries/)

AFF.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AFF.txt	AFF1	1	RECORD TYPE INDICATOR. BASE DATA	N/A	N/A	
AFF.txt	AFF1	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER. - ARTCC,CERAP	ARB_BASE.csv	LOCATION_ID	
AFF.txt	AFF1	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER. - RCAG	COM.csv	FACILITY_ID	
AFF.txt	AFF1	9	AIR ROUTE TRAFFIC CONTROL CENTER NAME. - ARTCC,CERAP	ARB_BASE.csv	LOCATION_NAME	
AFF.txt	AFF1	9	AIR ROUTE TRAFFIC CONTROL CENTER NAME. - RCAG	COM.csv	FACILITY_NAME	
AFF.txt	AFF1	49	SITE LOCATION. LOCATION OF THE FACILITY - ARTCC,CERAP	ARB_BASE.csv	LOCATION_NAME	
AFF.txt	AFF1	49	SITE LOCATION. LOCATION OF THE FACILITY - RCAG	COM.csv	COMM_OUTLET_NAME	
AFF.txt	AFF1	79	CROSS REFERENCE. ALTERNATE NAME - ARTCC,CERAP	ARB_BASE.csv	CROSS_REF	
AFF.txt	AFF1	79	CROSS REFERENCE. ALTERNATE NAME -RCAG	COM.csv	REMARK	
AFF.txt	AFF1	129	FACILITY TYPE. - ARTCC,CERAP	ARB_BASE.csv	LOCATION_TYPE	
AFF.txt	AFF1	129	FACILITY TYPE. - RCAG	COM.csv	COMM_TYPE	
AFF.txt	AFF1	134	INFORMATION EFFECTIVE DATE - ARTCC,CERAP	ATC_BASE.csv, ARB_BASE.csv	EFF_DATE	
AFF.txt	AFF1	134	INFORMATION EFFECTIVE DATE - RCAG	COM.csv	EFF_DATE	
AFF.txt	AFF1	144	SITE STATE NAME.	N/A	N/A	Redundant info, see state code in STATE and/or STATE_CODE.
AFF.txt	AFF1	174	SITE STATE POST OFFICE CODE. - ARTCC, CERAP	ARB_BASE.csv	STATE	
AFF.txt	AFF1	174	SITE STATE POST OFFICE CODE. - RCAG	COM.csv	STATE_CODE	
AFF.txt	AFF1	176	SITE LATITUDE. (FORMATTED) - ARTCC,CERAP	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ARB_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LAT_DECIMAL	Latitude in Decimal Degree Format
AFF.txt	AFF1	176	SITE LATITUDE. (FORMATTED) - RCAG	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	COM.csv	LAT_DEG	
N/A	N/A	N/A	N/A	COM.csv	LAT_MIN	
N/A	N/A	N/A	N/A	COM.csv	LAT_SEC	
N/A	N/A	N/A	N/A	COM.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	COM.csv	LAT_DECIMAL	Latitude in Decimal Degree Format
AFF.txt	AFF1	190	SITE LATITUDE. (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
AFF.txt	AFF1	201	SITE LONGITUDE. (FORMATTED) - ARTCC,CERAP	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ARB_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ARB_BASE.csv	LONG_DECIMAL	Longitude in Decimal Degree Format
AFF.txt	AFF1	201	SITE LONGITUDE. (FORMATTED) - RCAG	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	COM.csv	LONG_DEG	
N/A	N/A	N/A	N/A	COM.csv	LONG_MIN	
N/A	N/A	N/A	N/A	COM.csv	LONG_SEC	
N/A	N/A	N/A	N/A	COM.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	COM.csv	LONG_DECIMAL	Longitude in Decimal Degree Format
AFF.txt	AFF1	215	SITE LONGITUDE. (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
AFF.txt	AFF1	226	ICAO ARTCC ID. - ARTCC,CERAP	ARB_BASE.csv	ICAO_ID	
N/A	N/A	N/A	N/A	ARB_BASE.csv	COMPUTER_ID	Location Computer Identifier - ARTCC,CERAP
AFF.txt	AFF1	226	ICAO ARTCC ID. - RCAG	N/A	N/A	
AFF.txt	AFF1	230	BLANK.	N/A	N/A	
AFF.txt	AFF2	1	RECORD TYPE INDICATOR. SITE REMARKS DATA	N/A	N/A	
AFF.txt	AFF2	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER.	ATC_RMK.csv	FACILITY_ID	
AFF.txt	AFF2	9	SITE LOCATION. LOCATION OF THE FACILITY	ATC_RMK.csv	CITY	
AFF.txt	AFF2	39	FACILITY TYPE.	ATC_RMK.csv	FACILITY_TYPE	
AFF.txt	AFF2	44	SITE REMARKS ELEMENT NUMBER.	ATC_RMK.csv	LEGACY_ELEMENT_NUMBER	
AFF.txt	AFF2	48	SITE REMARKS TEXT.	ATC_RMK.csv	REMARK	CPDLC remarks in ATC_SVC.csv CTL_SVC column and FRQ.csv CPDLC field.
AFF.txt	AFF2	248	BLANK.	N/A	N/A	
AFF.txt	AFF3	1	RECORD TYPE INDICATOR. COMMUNICATIONS FREQUENCY(S) AND THEIR USES	N/A	N/A	
AFF.txt	AFF3	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER. - ARTCC,CERAP	FRQ.csv	FACILITY_ID	
AFF.txt	AFF3	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER. - RCAG	FRQ.csv	ARTCC_OR_FSS_ID	
AFF.txt	AFF3	9	SITE LOCATION. LOCATION OF THE FACILITY	FRQ.csv	FAC_NAME	
AFF.txt	AFF3	39	FACILITY TYPE.	FRQ.csv	FACILITY_TYPE	

AFF.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AFF.txt	AFF3	44	FREQUENCY ASSOCIATED WITH THE FACILITY.	FRQ.csv	FREQ	
AFF.txt	AFF3	52	ALTITUDE. INDICATION OF WHETHER LOW, HIGH,	FRQ.csv	SECTORIZATION	
AFF.txt	AFF3	62	SPECIAL USAGE NAME. SPECIAL USAGE NAME FOR EACH FREQUENCY	N/A	N/A	Attribute No longer utilized in NASR.
AFF.txt	AFF3	78	RCAG FREQUENCY CHARTED FLAG(Y/N)	FRQ.csv	USE_CODE	
AFF.txt	AFF3	79	LOCATION IDENTIFIER ASSIGNED TO THE LANDING	FRQ.csv	SERVICED_FACILITY	
AFF.txt	AFF3	83	ASSOCIATED STATE NAME.	N/A	N/A	Redundant info, see state code in SERVICED_STATE.
AFF.txt	AFF3	113	ASSOCIATED STATE POST OFFICE CODE.	FRQ.csv	SERVICED_STATE	
AFF.txt	AFF3	115	ASSOCIATED CITY NAME.	FRQ.csv	SERVICED_CITY	
AFF.txt	AFF3	155	OFFICIAL AIRPORT NAME.	FRQ.csv	SERVICED_FAC_NAME	
AFF.txt	AFF3	205	LATITUDE OF THE AIRPORT. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	FRQ.csv	LAT_DECIMAL	Airport Reference Point Latitude in Decimal Degree Format
AFF.txt	AFF3	219	LATITUDE OF THE AIRPORT. (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
AFF.txt	AFF3	230	LONGITUDE OF THE AIRPORT. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	FRQ.csv	LONG_DECIMAL	Airport Reference Point Longitude in Decimal Degree Format
AFF.txt	AFF3	244	LONGITUDE OF THE AIRPORT. (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
AFF.txt	AFF4	1	RECORD TYPE INDICATOR. REMARKS DATA	N/A	N/A	
AFF.txt	AFF4	5	AIR ROUTE TRAFFIC CONTROL CENTER IDENTIFIER.	FRQ.csv	ARTCC_OR_FSS_ID	
AFF.txt	AFF4	9	SITE LOCATION. LOCATION OF THE FACILITY	FRQ.csv	FAC_NAME	
AFF.txt	AFF4	39	FACILITY-TYPE.	FRQ.csv	FACILITY_TYPE	
AFF.txt	AFF4	44	FREQUENCY ASSOCIATED WITH THE REMARK.	FRQ.csv	FREQ	
AFF.txt	AFF4	52	FREQUENCY REMARK SEQUENCE NUMBER.	N/A	N/A	
AFF.txt	AFF4	54	FREQUENCY REMARKS TEXT.	FRQ.csv	REMARK	
AFF.txt	AFF4	254	BLANK.	N/A	N/A	

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
APT.txt	APT	1	RECORD TYPE INDICATOR. Basic Landing Facility Info	N/A	N/A	
APT.txt	APT	4	LANDING FACILITY SITE NUMBER	APT_BASE.csv	SITE_NO	
APT.txt	APT	4	LANDING FACILITY SITE NUMBER	APT_BASE.csv	SITE_TYPE_CODE	
APT.txt	APT	15	LANDING FACILITY TYPE	APT_BASE.csv	SITE_TYPE_CODE	See Layout Document for Code Mapping
APT.txt	APT	28	LOCATION IDENTIFIER	APT_BASE.csv	ARPT_ID	
APT.txt	APT	32	INFORMATION EFFECTIVE DATE (MM/DD/YYYY)	APT_BASE.csv	EFF_DATE	
APT.txt	APT	42	FAA REGION CODE	APT_BASE.csv	REGION_CODE	
APT.txt	APT	45	FAA DISTRICT OR FIELD OFFICE CODE	APT_BASE.csv	ADO_CODE	
APT.txt	APT	49	ASSOCIATED STATE POST OFFICE CODE	APT_BASE.csv	STATE_CODE	
APT.txt	APT	51	ASSOCIATED STATE NAME	APT_BASE.csv	STATE_NAME	
APT.txt	APT	71	ASSOCIATED COUNTY (OR PARISH) NAME	APT_BASE.csv	COUNTY_NAME	
APT.txt	APT	92	ASSOCIATED COUNTY'S STATE (POST OFFICE CODE)	APT_BASE.csv	COUNTY_ASSOC_STATE	
APT.txt	APT	94	ASSOCIATED CITY NAME	APT_BASE.csv	CITY	
N/A	N/A	N/A	N/A	APT_BASE.csv	COUNTRY_CODE	Country Post Office Code Airport Located
APT.txt	APT	134	OFFICIAL FACILITY NAME	APT_BASE.csv	ARPT_NAME	
APT.txt	APT	184	AIRPORT OWNERSHIP TYPE	APT_BASE.csv	OWNERSHIP_TYPE_CODE	
APT.txt	APT	186	FACILITY USE	APT_BASE.csv	FACILITY_USE_CODE	
N/A	N/A	N/A	N/A	APT_CON.csv	TITLE	Title of Contact (MANAGER, OWNER, ASST-MGR, etc.)
APT.txt	APT	188	FACILITY OWNER'S NAME	APT_CON.csv	NAME	
APT.txt	APT	223	OWNER'S ADDRESS	APT_CON.csv	ADDRESS1	
APT.txt	APT	223	OWNER'S ADDRESS	APT_CON.csv	ADDRESS2	
APT.txt	APT	295	OWNER'S CITY, STATE AND ZIP CODE	APT_CON.csv	TITLE_CITY	
APT.txt	APT	295	OWNER'S CITY, STATE AND ZIP CODE	APT_CON.csv	STATE	
APT.txt	APT	295	OWNER'S CITY, STATE AND ZIP CODE	APT_CON.csv	ZIP_CODE	
APT.txt	APT	295	OWNER'S CITY, STATE AND ZIP CODE	APT_CON.csv	ZIP_PLUS_FOUR	
APT.txt	APT	340	OWNER'S PHONE NUMBER	APT_CON.csv	PHONE_NO	
APT.txt	APT	356	FACILITY MANAGER'S NAME	APT_CON.csv	NAME	
APT.txt	APT	391	MANAGER'S ADDRESS	APT_CON.csv	ADDRESS1	
APT.txt	APT	391	MANAGER'S ADDRESS	APT_CON.csv	ADDRESS2	
APT.txt	APT	463	MANAGER'S CITY, STATE AND ZIP CODE	APT_CON.csv	TITLE_CITY	
APT.txt	APT	463	MANAGER'S CITY, STATE AND ZIP CODE	APT_CON.csv	STATE	
APT.txt	APT	463	MANAGER'S CITY, STATE AND ZIP CODE	APT_CON.csv	ZIP_CODE	
APT.txt	APT	463	MANAGER'S CITY, STATE AND ZIP CODE	APT_CON.csv	ZIP_PLUS_FOUR	
APT.txt	APT	508	MANAGER'S PHONE NUMBER	APT_CON.csv	PHONE_NO	
APT.txt	APT	524	AIRPORT REFERENCE POINT LATITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_DECIMAL	Airport Reference Point Latitude in Decimal Format
APT.txt	APT	539	AIRPORT REFERENCE POINT LATITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	APT	551	AIRPORT REFERENCE POINT LONGITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_DECIMAL	Airport Reference Point Longitude in Decimal Format
APT.txt	APT	566	AIRPORT REFERENCE POINT LONGITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	APT	578	AIRPORT REFERENCE POINT DETERMINATION METHOD	APT_BASE.csv	SURVEY_METHOD_CODE	
APT.txt	APT	579	AIRPORT ELEVATION(NEAREST TENTH OF A FOOT MSL)	APT_BASE.csv	ELEV	
APT.txt	APT	586	AIRPORT ELEVATION DETERMINATION METHOD	APT_BASE.csv	ELEV_METHOD_CODE	
APT.txt	APT	587	MAGNETIC VARIATION AND DIRECTION	APT_BASE.csv	MAG_VARN	
APT.txt	APT	587	MAGNETIC VARIATION AND DIRECTION	APT_BASE.csv	MAG_HEMIS	
APT.txt	APT	590	MAGNETIC VARIATION EPOCH YEAR	APT_BASE.csv	MAG_VARN_YEAR	
APT.txt	APT	594	TRAFFIC PATTERN ALTITUDE(WHOLE FEET AGL)	APT_BASE.csv	TPA	
APT.txt	APT	598	AERONAUTICAL SECTIONAL CHART ON WHICH FACILITY	APT_BASE.csv	CHART_NAME	
APT.txt	APT	628	DISTANCE FROM CENTRAL BUSINESS DISTRICT OF	APT_BASE.csv	DIST_CITY_TO_AIRPORT	
APT.txt	APT	630	DIRECTION OF AIRPORT FROM CENTRAL BUSINESS	APT_BASE.csv	DIRECTION_CODE	
APT.txt	APT	633	LAND AREA COVERED BY AIRPORT (ACRES)	APT_BASE.csv	ACREAGE	
APT.txt	APT	638	BOUNDARY ARTCC IDENTIFIER	N/A	N/A	
APT.txt	APT	642	BOUNDARY ARTCC (FAA) COMPUTER IDENTIFIER	N/A	N/A	

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
APT.txt	APT	645	BOUNDARY ARTCC NAME	N/A	N/A	
APT.txt	APT	675	RESPONSIBLE ARTCC IDENTIFIER	APT_BASE.csv	RESP_ARTCC_ID	
APT.txt	APT	679	RESPONSIBLE ARTCC (FAA) COMPUTER IDENTIFIER	APT_BASE.csv	COMPUTER_ID	
APT.txt	APT	682	RESPONSIBLE ARTCC NAME	APT_BASE.csv	ARTCC_NAME	
APT.txt	APT	712	TIE-IN FSS PHYSICALLY LOCATED ON FACILITY	APT_BASE.csv	FSS_ON_ARPT_FLAG	
APT.txt	APT	713	TIE-IN FLIGHT SERVICE STATION (FSS) IDENTIFIER	APT_BASE.csv	FSS_ID	
APT.txt	APT	717	TIE-IN FSS NAME	APT_BASE.csv	FSS_NAME	
APT.txt	APT	747	LOCAL PHONE NUMBER FROM AIRPORT TO FSS	APT_BASE.csv	PHONE_NO	
APT.txt	APT	763	TOLL FREE PHONE NUMBER FROM AIRPORT TO FSS	APT_BASE.csv	TOLL_FREE_NO	
APT.txt	APT	779	ALTERNATE FSS IDENTIFIER	APT_BASE.csv	ALT_FSS_ID	
APT.txt	APT	783	ALTERNATE FSS NAME	APT_BASE.csv	ALT_FSS_NAME	
APT.txt	APT	813	TOLL FREE PHONE NUMBER FROM AIRPORT TO	APT_BASE.csv	ALT_TOLL_FREE_NO	
APT.txt	APT	829	FACILITY RESPONSIBLE FOR NOTAMS AND WXL INFO	APT_BASE.csv	NOTAM_ID	
APT.txt	APT	833	AVAILABILITY OF NOTAM 'D' SERVICE AT AIRPORT	APT_BASE.csv	NOTAM_FLAG	
APT.txt	APT	834	AIRPORT ACTIVATION DATE (MM/YYYY)	APT_BASE.csv	ACTIVATION_DATE	
APT.txt	APT	841	AIRPORT STATUS CODE	APT_BASE.csv	ARPT_STATUS	
APT.txt	APT	843	AIRPORT ARFF CERTIFICATION TYPE AND DATE	APT_BASE.csv	FAR_139_TYPE_CODE	
APT.txt	APT	843	AIRPORT ARFF CERTIFICATION TYPE AND DATE	APT_BASE.csv	FAR_139_CARRIER_SER_CODE	
APT.txt	APT	843	AIRPORT ARFF CERTIFICATION TYPE AND DATE	APT_BASE.csv	ARFF_CERT_TYPE_DATE	
APT.txt	APT	858	NPIAS/FEDERAL AGREEMENTS CODE	APT_BASE.csv	ASP_CODE	
APT.txt	APT	865	AIRPORT AIRSPACE ANALYSIS DETERMINATION	APT_BASE.csv	ASP_ANLYS_DTRM_CODE	
APT.txt	APT	878	INTERNATIONAL AIRPORT OF ENTRY FOR CUSTOMS	APT_BASE.csv	CUST_FLAG	
APT.txt	APT	879	CUSTOMS LANDING RIGHTS AIRPORT	APT_BASE.csv	LNDG_RIGHTS_FLAG	
APT.txt	APT	880	FACILITY HAS MILITARY/CIVIL JOINT USE AGREEMENT	APT_BASE.csv	JOINT_USE_FLAG	
APT.txt	APT	881	LANDING RIGHTS TO THE MILITARY	APT_BASE.csv	MIL_LNDG_FLAG	
APT.txt	APT	882	AIRPORT INSPECTION METHOD	APT_BASE.csv	INSPECT_METHOD_FLAG	
APT.txt	APT	884	AGENCY/GROUP PERFORMING PHYSICAL INSPECTION	APT_BASE.csv	INSPECTOR_CODE	
APT.txt	APT	885	LAST PHYSICAL INSPECTION DATE (MMDDYYYY)	APT_BASE.csv	LAST_INSPECTION	
APT.txt	APT	893	LAST DATE INFORMATION REQUEST WAS COMPLETED	APT_BASE.csv	LAS_INFO_RESPONSE	
APT.txt	APT	901	FUEL TYPES AVAILABLE FOR PUBLIC USE AT THE AIRPORT	APT_BASE.csv	FUEL_TYPES	
APT.txt	APT	941	AIRFRAME REPAIR SERVICE AVAILABILITY/TYPE	APT_BASE.csv	AIRFRAME_REPAIR_SER_CODE	
APT.txt	APT	946	POWER PLANT (ENGINE) REPAIR AVAILABILITY/TYPE	APT_BASE.csv	PWR_PLANT_REPAIR_SER	
APT.txt	APT	951	TYPE OF BOTTLED OXYGEN AVAILABLE	APT_BASE.csv	BOTTLED_OXY_TYPE	
APT.txt	APT	959	TYPE OF BULK OXYGEN AVAILABLE	APT_BASE.csv	BULK_OXY_TYPE	
APT.txt	APT	967	AIRPORT LIGHTING SCHEDULE	APT_BASE.csv	LGT_SKED	
APT.txt	APT	974	BEACON LIGHTING SCHEDULE	APT_BASE.csv	BCN_LGT_SKED	
APT.txt	APT	981	AIR TRAFFIC CONTROL TOWER LOCATED ON AIRPORT	APT_BASE.csv	TWR_TYPE_CODE	
APT.txt	APT	982	UNICOM FREQUENCY AVAILABLE AT THE AIRPORT	FRQ.csv	FACILITY_TYPE	UNICOM
APT.txt	APT	989	COMMON TRAFFIC ADVISORY FREQUENCY (CTAF)	FRQ.csv	FACILITY_TYPE	CTAF
APT.txt	APT	996	SEGMENTED CIRCLE AIRPORT MARKER SYSTEM ON THE AIRPORT	APT_BASE.csv	SEG_CIRCLE_MKR_FLAG	
APT.txt	APT	1000	LENS COLOR OF OPERABLE BEACON LOCATED ON THE AIRPORT	APT_BASE.csv	BCN_LENS_COLOR	
APT.txt	APT	1003	LANDING FEE CHARGED TO NON-COMMERCIAL USERS OF AIRPORT	APT_BASE.csv	LNDG_FEE_FLAG	
APT.txt	APT	1004	LANDING FACILITY IS USED FOR MEDICAL PURPOSES	APT_BASE.csv	MEDICAL_USE_FLAG	
APT.txt	APT	1005	SINGLE ENGINE GENERAL AVIATION AIRCRAFT	APT_BASE.csv	BASED_SINGLE_ENG	
APT.txt	APT	1008	MULTI ENGINE GENERAL AVIATION AIRCRAFT	APT_BASE.csv	BASED_MULTI_ENG	
APT.txt	APT	1011	JET ENGINE GENERAL AVIATION AIRCRAFT	APT_BASE.csv	BASED_JET_ENG	
APT.txt	APT	1014	GENERAL AVIATION HELICOPTER	APT_BASE.csv	BASED_HEL	
APT.txt	APT	1017	OPERATIONAL GLIDERS	APT_BASE.csv	BASED_GLIDER	
APT.txt	APT	1020	OPERATIONAL MILITARY AIRCRAFT (INCLUDING HELICOPTERS)	APT_BASE.csv	BASED_MIL_ACFT	
APT.txt	APT	1023	ULTRALIGHT AIRCRAFT	APT_BASE.csv	BASED_ULTRALGT_ACFT	
APT.txt	APT	1026	COMMERCIAL SERVICES	APT_BASE.csv	COMMERCIAL_OPS	
APT.txt	APT	1032	COMMUTER SERVICES	APT_BASE.csv	COMMUTER_OPS	
APT.txt	APT	1038	AIR TAXI	APT_BASE.csv	AIR_TAXI_OPS	
APT.txt	APT	1044	GENERAL AVIATION LOCAL OPERATIONS	APT_BASE.csv	LOCAL_OPS	
APT.txt	APT	1050	GENERAL AVIATION ITINERANT OPERATIONS	APT_BASE.csv	ITNRT_OPS	
APT.txt	APT	1056	MILITARY AIRCRAFT OPERATIONS	APT_BASE.csv	MIL_ACFT_OPS	
APT.txt	APT	1062	12-MONTH ENDING DATE ON WHICH ANNUAL OPERATIONS DATA	APT_BASE.csv	ANNUAL_OPS_DATE	
APT.txt	APT	1072	AIRPORT POSITION SOURCE	APT_BASE.csv	ARPT_PSN_SOURCE	
APT.txt	APT	1088	AIRPORT POSITION SOURCE DATE (MM/DD/YYYY)	APT_BASE.csv	POSITION_SRC_DATE	
APT.txt	APT	1098	AIRPORT ELEVATION SOURCE	APT_BASE.csv	ARPT_ELEV_SOURCE	
APT.txt	APT	1114	AIRPORT ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_BASE.csv	ELEVATION_SRC_DATE	

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
APT.txt	APT	1124	CONTRACT FUEL AVAILABLE	APT_BASE.csv	CONTR_FUEL_AVBL	
APT.txt	APT	1125	TRANSIENT STORAGE FACILITIES	APT_BASE.csv	TRNS_STRG_BUOY_FLAG	
APT.txt	APT	1125	TRANSIENT STORAGE FACILITIES	APT_BASE.csv	TRNS_STRG_HGR_FLAG	
APT.txt	APT	1125	TRANSIENT STORAGE FACILITIES	APT_BASE.csv	TRNS_STRG_TIE_FLAG	
APT.txt	APT	1137	OTHER AIRPORT SERVICES AVAILABLE	APT_BASE.csv	OTHER_SERVICES	
APT.txt	APT	1208	WIND INDICATOR	APT_BASE.csv	WIND_INDCR_FLAG	
APT.txt	APT	1211	ICAO IDENTIFIER	APT_BASE.csv	ICAO_ID	
APT.txt	APT	1218	MINIMUM OPERATIONAL NETWORK(MON)	APT_BASE.csv	MIN_OP_NETWORK	
APT.txt	APT	1219	AIRPORT RECORD FILLER (BLANK)	N/A	N/A	
N/A	N/A	N/A	N/A	APT_BASE.csv	USER_FEE_FLAG	If Flag is checked in NASR, User Fee Airports Will Be Designated With Text "US CUSTOMS USER FEE ARPT."
N/A	N/A	N/A	N/A	APT_BASE.csv	CTA	Cold Temperature Airport. Altitude Correction Required At or Below Temperature Given in Celsius.
APT.txt	ATT	1	RECORD TYPE INDICATOR. Airport Attendance Schedule	N/A	N/A	
APT.txt	ATT	4	LANDING FACILITY SITE NUMBER	APT_ATT.csv	SITE_NO	
APT.txt	ATT	4	LANDING FACILITY SITE NUMBER	APT_ATT.csv	SITE_TYPE_CODE	
APT.txt	ATT	15	LANDING FACILITY STATE POST OFFICE CODE	APT_ATT.csv	STATE_CODE	
N/A	N/A	N/A	N/A	APT_ATT.csv	ARPT_ID	Location Identifier
N/A	N/A	N/A	N/A	APT_ATT.csv	CITY	City of Loc ID
N/A	N/A	N/A	N/A	APT_ATT.csv	COUNTRY_CODE	2 character Country Code
APT.txt	ATT	17	ATTENDANCE SCHEDULE SEQUENCE NUMBER	APT_ATT.csv	SKED_SEQ_NO	
APT.txt	ATT	19	AIRPORT ATTENDANCE SCHEDULE	APT_ATT.csv	MONTH	
APT.txt	ATT	19	AIRPORT ATTENDANCE SCHEDULE	APT_ATT.csv	DAY	
APT.txt	ATT	19	AIRPORT ATTENDANCE SCHEDULE	APT_ATT.csv	HOUR	
APT.txt	ATT	127	ATTENDANCE SCHEDULE RECORD FILLER (BLANK)	N/A	N/A	
APT.txt	RWY	1	RECORD TYPE INDICATOR. Runway at the Landing Facility info	N/A	N/A	
APT.txt	RWY	4	LANDING FACILITY SITE NUMBER	APT_RWY.csv, APT_RWY_END.csv	SITE_NO	
APT.txt	RWY	4	LANDING FACILITY SITE NUMBER	APT_RWY.csv, APT_RWY_END.csv	SITE_TYPE_CODE	
APT.txt	RWY	15	RUNWAY STATE POST OFFICE CODE	APT_RWY.csv, APT_RWY_END.csv	STATE_CODE	
N/A	N/A	N/A	N/A	APT_RWY.csv, APT_RWY_END.csv	ARPT_ID	Location Identifier
N/A	N/A	N/A	N/A	APT_RWY.csv, APT_RWY_END.csv	CITY	City of Loc ID
N/A	N/A	N/A	N/A	APT_RWY.csv, APT_RWY_END.csv	COUNTRY_CODE	2 char Country Code
APT.txt	RWY	17	RUNWAY IDENTIFICATION	APT_RWY.csv, APT_RWY_END.csv	RWY_ID	
APT.txt	RWY	24	PHYSICAL RUNWAY LENGTH (NEAREST FOOT)	APT_RWY.csv	RWY_LEN	
APT.txt	RWY	29	PHYSICAL RUNWAY WIDTH (NEAREST FOOT)	APT_RWY.csv	RWY_WIDTH	
APT.txt	RWY	33	RUNWAY SURFACE TYPE AND CONDITION	APT_RWY.csv	SURFACE_TYPE_CODE	
APT.txt	RWY	33	RUNWAY SURFACE TYPE AND CONDITION	APT_RWY.csv	COND	
APT.txt	RWY	45	RUNWAY SURFACE TREATMENT	APT_RWY.csv	TREATMENT_CODE	
APT.txt	RWY	50	PAVEMENT CLASSIFICATION NUMBER (PCN)	APT_RWY.csv	PCN	
APT.txt	RWY	50	PAVEMENT CLASSIFICATION NUMBER (PCN)	APT_RWY.csv	PAVEMENT_TYPE_CODE	
APT.txt	RWY	50	PAVEMENT CLASSIFICATION NUMBER (PCN)	APT_RWY.csv	SUBGRADE_STRENGTH_CODE	
APT.txt	RWY	50	PAVEMENT CLASSIFICATION NUMBER (PCN)	APT_RWY.csv	TIRE_PRES_CODE	
APT.txt	RWY	50	PAVEMENT CLASSIFICATION NUMBER (PCN)	APT_RWY.csv	DTRM_METHOD_CODE	
APT.txt	RWY	61	RUNWAY LIGHTS EDGE INTENSITY	APT_RWY.csv	RWY_LGT_CODE	
APT.txt	RWY	66	BASE END IDENTIFIER	APT_RWY_END.csv	RWY_END_ID	
APT.txt	RWY	69	RUNWAY END TRUE ALIGNMENT	APT_RWY_END.csv	TRUE_ALIGNMENT	
APT.txt	RWY	72	INSTRUMENT LANDING SYSTEM (ILS) TYPE	APT_RWY_END.csv	ILS_TYPE	
APT.txt	RWY	82	RIGHT HAND TRAFFIC PATTERN FOR LANDING AIRCRAFT	APT_RWY_END.csv	RIGHT_HAND_TRAFFIC_PAT_FLAG	
APT.txt	RWY	83	RUNWAY MARKINGS(TYPE)	APT_RWY_END.csv	RWY_MARKING_TYPE_CODE	
APT.txt	RWY	88	RUNWAY MARKINGS(CONDITION)	APT_RWY_END.csv	RWY_MARKING_COND	
APT.txt	RWY	89	LATITUDE OF PHYSICAL RUNWAY END (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_SEC	

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DECIMAL	Latitude of Physical Runway end in Decimal Format
APT.txt	RWY	104	LATITUDE OF PHYSICAL RUNWAY END (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	116	LONGITUDE OF PHYSICAL RUNWAY END (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DECIMAL	Longitude of Physical Runway end in Decimal Format
APT.txt	RWY	131	LONGITUDE OF PHYSICAL RUNWAY END (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	143	ELEVATION (FEET MSL) AT PHYSICAL RUNWAY END	APT_RWY_END.csv	RWY_END_ELEV	
APT.txt	RWY	150	THRESHOLD CROSSING HEIGHT (FEET AGL)	APT_RWY_END.csv	THR_CROSSING_HGT	
APT.txt	RWY	153	VISUAL GLIDE PATH ANGLE (HUNDREDTHS OF DEGREES)	APT_RWY_END.csv	VISUAL_GLIDE_PATH_ANGLE	
APT.txt	RWY	157	LATITUDE AT DISPLACED THRESHOLD (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DISPLACED_THR_DECIMAL	Latitude at Displaced Threshold in Decimal Format
APT.txt	RWY	172	LATITUDE AT DISPLACED THRESHOLD (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	184	LONGITUDE AT DISPLACED THRESHOLD (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DISPLACED_THR_DECIMAL	Longitude at Displaced Threshold in Decimal Format
APT.txt	RWY	199	LONGITUDE AT DISPLACED THRESHOLD (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	211	ELEVATION AT DISPLACED THRESHOLD (FEET MSL)	APT_RWY_END.csv	DISPLACED_THR_ELEV	
APT.txt	RWY	218	DISPLACED THRESHOLD - LENGTH IN FEET FROM	APT_RWY_END.csv	DISPLACED_THR_LEN	
APT.txt	RWY	222	ELEVATION AT TOUCHDOWN ZONE (FEET MSL)	APT_RWY_END.csv	TDZ_ELEV	
APT.txt	RWY	229	VISUAL GLIDE SLOPE INDICATORS	APT_RWY_END.csv	VGSI_CODE	
APT.txt	RWY	234	RUNWAY VISUAL RANGE EQUIPMENT (RVR)	APT_RWY_END.csv	RWY_VISUAL_RANGE_EQUIP_CODE	
APT.txt	RWY	237	RUNWAY VISIBILITY VALUE EQUIPMENT (RVV)	APT_RWY_END.csv	RWY_VSBY_VALUE_EQUIP_FLAG	
APT.txt	RWY	238	APPROACH LIGHT SYSTEM	APT_RWY_END.csv	APCH_LGT_SYSTEM_CODE	
APT.txt	RWY	246	RUNWAY END IDENTIFIER LIGHTS (REIL) AVAILABILITY	APT_RWY_END.csv	RWY_END_LGTS_FLAG	
APT.txt	RWY	247	RUNWAY CENTERLINE LIGHTS AVAILABILITY	APT_RWY_END.csv	CNTRLN_LGTS_AVBL_FLAG	
APT.txt	RWY	248	RUNWAY END TOUCHDOWN LIGHTS AVAILABILITY	APT_RWY_END.csv	TDZ_LGT_AVBL_FLAG	
APT.txt	RWY	249	CONTROLLING OBJECT DESCRIPTION	APT_RWY_END.csv	OBSTN_TYPE	
APT.txt	RWY	260	CONTROLLING OBJECT MARKED/LIGHTED	APT_RWY_END.csv	OBSTN_MRKD_CODE	
APT.txt	RWY	264	FAA CFR PART 77 (OBJECTS AFFECTING NAVIGABLE AIRSPACE)	APT_RWY_END.csv	FAR_PART_77_CODE	
APT.txt	RWY	269	CONTROLLING OBJECT CLEARANCE SLOPE	APT_RWY_END.csv	OBSTN_CLNC_SLOPE	
APT.txt	RWY	271	CONTROLLING OBJECT HEIGHT ABOVE RUNWAY	APT_RWY_END.csv	OBSTN_HGT	
APT.txt	RWY	276	CONTROLLING OBJECT DISTANCE FROM RUNWAY END	APT_RWY_END.csv	DIST_FROM_THR	
APT.txt	RWY	281	CONTROLLING OBJECT CENTERLINE OFFSET	APT_RWY_END.csv	CNTRLN_OFFSET	
APT.txt	RWY	281	CONTROLLING OBJECT CENTERLINE OFFSET	APT_RWY_END.csv	CNTRLN_DIR_CODE	
APT.txt	RWY	288	RECIPROCAL END IDENTIFIER	APT_RWY_END.csv	RWY_END_ID	
APT.txt	RWY	291	RUNWAY END TRUE ALIGNMENT	APT_RWY_END.csv	TRUE_ALIGNMENT	
APT.txt	RWY	294	INSTRUMENT LANDING SYSTEM (ILS) TYPE	APT_RWY_END.csv	ILS_TYPE	
APT.txt	RWY	304	RIGHT HAND TRAFFIC PATTERN FOR LANDING AIRCRAFT	APT_RWY_END.csv	RIGHT_HAND_TRAFFIC_PAT_FLAG	
APT.txt	RWY	305	RUNWAY MARKINGS(TYPE)	APT_RWY_END.csv	RWY_MARKING_TYPE_CODE	
APT.txt	RWY	310	RUNWAY MARKINGS(CONDITION)	APT_RWY_END.csv	RWY_MARKING_COND	
APT.txt	RWY	311	LATITUDE OF PHYSICAL RUNWAY END (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DECIMAL	Latitude of Physical Runway end in Decimal Format
APT.txt	RWY	326	LATITUDE OF PHYSICAL RUNWAY END (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	338	LONGITUDE OF PHYSICAL RUNWAY END (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_MIN	

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DECIMAL	Longitude of Physical Runway end in Decimal Format
APT.txt	RWY	353	LONGITUDE OF PHYSICAL RUNWAY END (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	365	ELEVATION (FEET MSL) AT PHYSICAL RUNWAY END	APT_RWY_END.csv	RWY_END_ELEV	
APT.txt	RWY	372	THRESHOLD CROSSING HEIGHT (FEET AGL)	APT_RWY_END.csv	THR_CROSSING_HGT	
APT.txt	RWY	375	VISUAL GLIDE PATH ANGLE (HUNDREDTHS OF DEGREES)	APT_RWY_END.csv	VISUAL_GLIDE_PATH_ANGLE	
APT.txt	RWY	379	LATITUDE AT DISPLACED THRESHOLD (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LAT_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_DISPLACED_THR_DECIMAL	Latitude at Displaced Threshold in Decimal Format
APT.txt	RWY	394	LATITUDE AT DISPLACED THRESHOLD (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	406	LONGITUDE AT DISPLACED THRESHOLD (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_DEG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_MIN	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_SEC	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	DISPLACED_THR_LONG_HEMIS	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_DISPLACED_THR_DECIMAL	Longitude at Displaced Threshold in Decimal Format
APT.txt	RWY	421	LONGITUDE AT DISPLACED THRESHOLD (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
APT.txt	RWY	433	ELEVATION AT DISPLACED THRESHOLD (FEET MSL)	APT_RWY_END.csv	DISPLACED_THR_ELEV	
APT.txt	RWY	440	DISPLACED THRESHOLD - LENGTH IN FEET FROM	APT_RWY_END.csv	DISPLACED_THR_LEN	
APT.txt	RWY	444	ELEVATION AT TOUCHDOWN ZONE (FEET MSL)	APT_RWY_END.csv	TDZ_ELEV	
APT.txt	RWY	451	VISUAL GLIDE SLOPE INDICATORS	APT_RWY_END.csv	VGSI_CODE	
APT.txt	RWY	456	RUNWAY VISUAL RANGE EQUIPMENT (RVR)	APT_RWY_END.csv	RWY_VISUAL_RANGE_EQUIP_CODE	
APT.txt	RWY	459	RUNWAY VISIBILITY VALUE EQUIPMENT (RVV)	APT_RWY_END.csv	RWY_VSBY_VALUE_EQUIP_FLAG	
APT.txt	RWY	460	APPROACH LIGHT SYSTEM	APT_RWY_END.csv	APCH_LGT_SYSTEM_CODE	
APT.txt	RWY	468	RUNWAY END IDENTIFIER LIGHTS (REIL) AVAILABILITY	APT_RWY_END.csv	RWY_END_LGTS_FLAG	
APT.txt	RWY	469	RUNWAY CENTERLINE LIGHTS AVAILABILITY	APT_RWY_END.csv	CNTRLN_LGTS_AVBL_FLAG	
APT.txt	RWY	470	RUNWAY END TOUCHDOWN LIGHTS AVAILABILITY	APT_RWY_END.csv	TDZ_LGT_AVBL_FLAG	
APT.txt	RWY	471	CONTROLLING OBJECT DESCRIPTION	APT_RWY_END.csv	OBSTN_TYPE	
APT.txt	RWY	482	CONTROLLING OBJECT MARKED/LIGHTED	APT_RWY_END.csv	OBSTN_MRKD_CODE	
APT.txt	RWY	486	FAA CFR PART 77 (OBJECTS AFFECTING NAVIGABLE AIRSPACE)	APT_RWY_END.csv	FAR_PART_77_CODE	
APT.txt	RWY	491	CONTROLLING OBJECT CLEARANCE SLOPE	APT_RWY_END.csv	OBSTN_CLNC_SLOPE	
APT.txt	RWY	493	CONTROLLING OBJECT HEIGHT ABOVE RUNWAY	APT_RWY_END.csv	OBSTN_HGT	
APT.txt	RWY	498	CONTROLLING OBJECT DISTANCE FROM RUNWAY END	APT_RWY_END.csv	DIST_FROM_THR	
APT.txt	RWY	503	CONTROLLING OBJECT CENTERLINE OFFSET	APT_RWY_END.csv	CNTRLN_OFFSET	
APT.txt	RWY	503	CONTROLLING OBJECT CENTERLINE OFFSET	APT_RWY_END.csv	CNTRLN_DIR_CODE	
APT.txt	RWY	510	RUNWAY LENGTH SOURCE	APT_RWY.csv	RWY_LEN_SOURCE	
APT.txt	RWY	526	RUNWAY LENGTH SOURCE DATE (MM/DD/YYYY)	APT_RWY.csv	LENGTH_SOURCE_DATE	
APT.txt	RWY	536	RUNWAY WEIGHT-BEARING CAPACITY FOR Single wheel	APT_RWY.csv	GROSS_WT_SW	
APT.txt	RWY	542	RUNWAY WEIGHT-BEARING CAPACITY FOR Dual wheel	APT_RWY.csv	GROSS_WT_DW	
APT.txt	RWY	548	RUNWAY WEIGHT-BEARING CAPACITY FOR Two dual wheels	APT_RWY.csv	GROSS_WT_DTW	
APT.txt	RWY	554	RUNWAY WEIGHT-BEARING CAPACITY FOR Two dual wheels	APT_RWY.csv	GROSS_WT_DDTW	
APT.txt	RWY	560	RUNWAY END GRADIENT	APT_RWY_END.csv	RWY_GRAD	
APT.txt	RWY	565	RUNWAY END GRADIENT DIRECTION (UP OR DOWN)	APT_RWY_END.csv	RWY_GRAD_DIRECTION	
APT.txt	RWY	569	RUNWAY END POSITION SOURCE	APT_RWY_END.csv	RWY_END_PSN_SOURCE	
APT.txt	RWY	585	RUNWAY END POSITION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_PSN_DATE	
APT.txt	RWY	595	RUNWAY END ELEVATION SOURCE	APT_RWY_END.csv	RWY_END_ELEV_SOURCE	
APT.txt	RWY	611	RUNWAY END ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_ELEV_DATE	
APT.txt	RWY	621	DISPLACED THRESHOLD POSITION SOURCE	APT_RWY_END.csv	DSPL_THR_PSN_SOURCE	
APT.txt	RWY	637	DISPLACED THRESHOLD POSITION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_DSPL_THR_PSN_DATE	
APT.txt	RWY	647	DISPLACED THRESHOLD ELEVATION SOURCE	APT_RWY_END.csv	DSPL_THR_ELEV_SOURCE	
APT.txt	RWY	663	DISPLACED THRESHOLD ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_DSPL_THR_ELEV_DATE	
APT.txt	RWY	673	TOUCHDOWN ZONE ELEVATION SOURCE	APT_RWY_END.csv	TDZ_ELEV_SOURCE	
APT.txt	RWY	689	TOUCHDOWN ZONE ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_TDZ_ELEV_DATE	
APT.txt	RWY	699	TAKEOFF RUN AVAILABLE (TORA), IN FEET	APT_RWY_END.csv	TKOF_RUN_AVBL	
APT.txt	RWY	704	TAKEOFF DISTANCE AVAILABLE (TODA), IN FEET	APT_RWY_END.csv	TKOF_DIST_AVBL	
APT.txt	RWY	709	ACLT STOP DISTANCE AVAILABLE (ASDA), IN FEET	APT_RWY_END.csv	ACLT_STOP_DIST_AVBL	
APT.txt	RWY	714	LANDING DISTANCE AVAILABLE (LDA), IN FEET	APT_RWY_END.csv	LNDG_DIST_AVBL	



APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
APT.txt	RWY	719	AVAILABLE LANDING DISTANCE FOR LAND AND HOLD SHORT	APT_RWY_END.csv	LAHSO_ALD	
APT.txt	RWY	724	ID OF INTERSECTING RUNWAY DEFINING HOLD SHORT POINT	APT_RWY_END.csv	RWY_END_INTERSECT_LAHSO	
APT.txt	RWY	731	DESCRIPTION OF ENTITY DEFINING HOLD SHORT POINT IF	APT_RWY_END.csv	LAHSO_DESC	
APT.txt	RWY	771	LATITUDE OF LAHSO HOLD SHORT POINT (FORMATTED)	APT_RWY_END.csv	LAHSO_LAT	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_LAHSO_DECIMAL	
APT.txt	RWY	786	LATITUDE OF LAHSO HOLD SHORT POINT (SECONDS)	N/A	N/A	
APT.txt	RWY	798	LONGITUDE OF LAHSO HOLD SHORT POINT (FORMATTED)	APT_RWY_END.csv	LAHSO_LONG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_LAHSO_DECIMAL	
APT.txt	RWY	813	LONGITUDE OF LAHSO HOLD SHORT POINT (SECONDS)	N/A	N/A	
APT.txt	RWY	825	LAHSO HOLD SHORT POINT LAT/LONG SOURCE	APT_RWY_END.csv	LAHSO_PSN_SOURCE	
APT.txt	RWY	841	HOLD SHORT POINT LAT/LONG SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_LAHSO_PSN_DATE	
APT.txt	RWY	851	RUNWAY END GRADIENT	APT_RWY_END.csv	RWY_GRAD	
APT.txt	RWY	856	RUNWAY END GRADIENT DIRECTION (UP OR DOWN)	APT_RWY_END.csv	RWY_GRAD_DIRECTION	
APT.txt	RWY	860	RUNWAY END POSITION SOURCE	APT_RWY_END.csv	RWY_END_PSN_SOURCE	
APT.txt	RWY	876	RUNWAY END POSITION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_PSN_DATE	
APT.txt	RWY	886	RUNWAY END ELEVATION SOURCE	APT_RWY_END.csv	RWY_END_ELEV_SOURCE	
APT.txt	RWY	902	RUNWAY END ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_ELEV_DATE	
APT.txt	RWY	912	DISPLACED THRESHOLD POSITION SOURCE	APT_RWY_END.csv	DSPL_THR_PSN_SOURCE	
APT.txt	RWY	928	DISPLACED THRESHOLD POSITION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_DSPL_THR_PSN_DATE	
APT.txt	RWY	938	DISPLACED THRESHOLD ELEVATION SOURCE	APT_RWY_END.csv	DSPL_THR_ELEV_SOURCE	
APT.txt	RWY	954	DISPLACED THRESHOLD ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_DSPL_THR_ELEV_DATE	
APT.txt	RWY	964	TOUCHDOWN ZONE ELEVATION SOURCE	APT_RWY_END.csv	TDZ_ELEV_SOURCE	
APT.txt	RWY	980	TOUCHDOWN ZONE ELEVATION SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_TDZ_ELEV_DATE	
APT.txt	RWY	990	TAKEOFF RUN AVAILABLE (TORA), IN FEET	APT_RWY_END.csv	TKOF_RUN_AVBL	
APT.txt	RWY	995	TAKEOFF DISTANCE AVAILABLE (TODA), IN FEET	APT_RWY_END.csv	TKOF_DIST_AVBL	
APT.txt	RWY	1000	ACLT STOP DISTANCE AVAILABLE (ASDA), IN FEET	APT_RWY_END.csv	ACLT_STOP_DIST_AVBL	
APT.txt	RWY	1005	LANDING DISTANCE AVAILABLE (LDA), IN FEET	APT_RWY_END.csv	LNDG_DIST_AVBL	
APT.txt	RWY	1010	AVAILABLE LANDING DISTANCE FOR LAND AND HOLD SHORT	APT_RWY_END.csv	LAHSO_ALD	
APT.txt	RWY	1015	ID OF INTERSECTING RUNWAY DEFINING HOLD SHORT POINT	APT_RWY_END.csv	RWY_END_INTERSECT_LAHSO	
APT.txt	RWY	1022	DESCRIPTION OF ENTITY DEFINING HOLD SHORT POINT IF	APT_RWY_END.csv	LAHSO_DESC	
APT.txt	RWY	1062	LATITUDE OF LAHSO HOLD SHORT POINT (FORMATTED)	APT_RWY_END.csv	LAHSO_LAT	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LAT_LAHSO_DECIMAL	
APT.txt	RWY	1077	LATITUDE OF LAHSO HOLD SHORT POINT (SECONDS)	N/A	N/A	
APT.txt	RWY	1089	LONGITUDE OF LAHSO HOLD SHORT POINT (FORMATTED)	APT_RWY_END.csv	LAHSO_LONG	
N/A	N/A	N/A	N/A	APT_RWY_END.csv	LONG_LAHSO_DECIMAL	
APT.txt	RWY	1104	LONGITUDE OF LAHSO HOLD SHORT POINT (SECONDS)	N/A	N/A	
APT.txt	RWY	1116	LAHSO HOLD SHORT POINT LAT/LONG SOURCE	APT_RWY_END.csv	LAHSO_PSN_SOURCE	
APT.txt	RWY	1132	HOLD SHORT POINT LAT/LONG SOURCE DATE (MM/DD/YYYY)	APT_RWY_END.csv	RWY_END_LAHSO_PSN_DATE	
APT.txt	RWY	1142	RUNWAY RECORD FILLER (BLANK)	N/A	N/A	
APT.txt	ARS	1	RECORD TYPE INDICATOR. Arresting System at Runway End	N/A	N/A	
APT.txt	ARS	4	LANDING FACILITY SITE NUMBER	APT_ARS.csv	SITE_NO	
APT.txt	ARS	4	LANDING FACILITY SITE NUMBER	APT_ARS.csv	SITE_TYPE_CODE	
APT.txt	ARS	15	LANDING FACILITY STATE POST OFFICE CODE	APT_ARS.csv	STATE_CODE	
N/A	N/A	N/A	N/A	APT_ARS.csv	ARPT_ID	Location Identifier
N/A	N/A	N/A	N/A	APT_ARS.csv	CITY	City of Loc ID
N/A	N/A	N/A	N/A	APT_ARS.csv	COUNTRY_CODE	2 character Country Code
APT.txt	ARS	17	RUNWAY IDENTIFICATION	APT_ARS.csv	RWY_ID	
APT.txt	ARS	24	RUNWAY END IDENTIFIER	APT_ARS.csv	RWY_END_ID	
APT.txt	ARS	27	TYPE OF AIRCRAFT ARRESTING DEVICE	APT_ARS.csv	ARREST_DEVICE_CODE	
APT.txt	ARS	36	ARRESTING SYSTEM RECORD FILLER (BLANK)	N/A	N/A	
APT.txt	RMK	1	RECORD TYPE INDICATOR. Remarks pertaining to Landing Facility	N/A	N/A	
APT.txt	RMK	4	LANDING FACILITY SITE NUMBER	APT_RMK.csv	SITE_NO	
APT.txt	RMK	4	LANDING FACILITY SITE NUMBER	APT_RMK.csv	SITE_TYPE_CODE	
APT.txt	RMK	15	LANDING FACILITY STATE POST OFFICE CODE	APT_RMK.csv	STATE_CODE	
N/A	N/A	N/A	N/A	APT_RMK.csv	ARPT_ID	Location Identifier
N/A	N/A	N/A	N/A	APT_RMK.csv	CITY	City of Loc ID
N/A	N/A	N/A	N/A	APT_RMK.csv	COUNTRY_CODE	2 character Country Code
APT.txt	RMK	17	REMARK ELEMENT NAME	APT_RMK.csv	LEGACY_ELEMENT_NUMBER	
N/A	N/A	N/A	N/A	APT_RMK.csv	TAB_NAME	NASR Table name associated with Remark
N/A	N/A	N/A	N/A	APT_RMK.csv	REF_COL_NAME	NASR Column name associated with Remark.
N/A	N/A	N/A	N/A	APT_RMK.csv	ELEMENT	Specific Element that Remark Text Pertains to

APT.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	APT_RMK.csv	REF_COL_SEQ_NO	Sequence number assigned to Reference Column Remark
APT.txt	RMK	32	REMARK TEXT	APT_RMK.csv	REMARK	

ARB.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ARB.txt	ARB.txt	1	RECORD IDENTIFIER	ARB_SEG.csv	REC_ID	
N/A	N/A	N/A	N/A	ARB_SEG.csv	EFF_DATE	Effective Date included in all CSV files
ARB.txt	ARB.txt	13	CENTER NAME	ARB_SEG.csv	LOCATION_NAME	
ARB.txt	ARB.txt	53	ALTITUDE STRUCTURE DECODE NAME	ARB_SEG.csv	ALTITUDE	Boundary Types other than HIGH/LOW have Altitude of UNLIMITED
ARB.txt	ARB.txt	53	ALTITUDE STRUCTURE DECODE NAME	ARB_SEG.csv	TYPE	HIGH/LOW Altitudes are Type ARTCC. BDRY is type CTA/FIR.
ARB.txt	ARB.txt	63	LATITUDE OF THE BOUNDARY POINT	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ARB_SEG.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LAT_DECIMAL	Latitude in Decimal Degree Format
ARB.txt	ARB.txt	77	LONGITUDE OF THE BOUNDARY POINT	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ARB_SEG.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ARB_SEG.csv	LONG_DECIMAL	Longitude in Decimal Degree Format
ARB.txt	ARB.txt	91	DESCRIPTION OF BOUNDARY LINE CONNECTING POINTS ON THE BOUNDARY	ARB_SEG.csv	BNDRY_PT_DESCRIP	
ARB.txt	ARB.txt	391	SIX DIGIT NUMBER USED TO MAINTAIN PROPER SEQUENCE OF BOUNDARY SEGMENTS FOR REPORT PURPOSES	ARB_SEG.csv	POINT_SEQ	
ARB.txt	ARB.txt	397	AN 'X' IN THIS FIELD INDICATES THIS POINT IS USED ONLY IN THE NAS DESCRIPTION AND NOT THE LEGAL DESCRIPTION	ARB_SEG.csv	NAS_DESCRIP_FLAG	

ATS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ATS.txt	ATS1	1	RECORD TYPE INDICATOR. ATS1: BASIC AND MINIMUM ENROUTE ALTITUDE DATA	N/A	N/A	
ATS.txt	ATS1	5	ATS AIRWAY DESIGNATION.	AWY_BASE.csv	AWY_DESIGNATION	
N/A	N/A	N/A	N/A	AWY_BASE.csv, AWY_SEG_ALT.csv	REGULATORY	Airways published under 14 CFR (Code of Federal Regulation) Part-71 and Part-95 – Y/N.
ATS.txt	ATS1	7	ATS AIRWAY ID	AWY_SEG_ALT.csv	AWY_ID	
ATS.txt	ATS1	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	ATS1	20	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
ATS.txt	ATS1	21	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	MEA_PT	NAVAID Facility Identifier, FIX Name or Border crossing associated with POINT_SEQ.
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	MEA_PT_TYPE	NAVAID Facility or FIX Type of MEA_PT. (see SEQ_TYPE for list)
ATS.txt	ATS1	26	CHART/PUBLICATION EFFECTIVE DATE (MM/DD/YYYY)	AWY_BASE.csv, AWY_SEG_ALT.csv	EFF_DATE	
N/A	N/A	N/A	N/A	AWY_BASE.csv	UPDATE_DATE	The Last Date for which the AIRWAY Data amended.
N/A	N/A	N/A	N/A	AWY_BASE.csv	AIRWAY_STRING	List of FIX and NAVAID that make up the AIRWAY in order adapted.
ATS.txt	ATS1	36	TRACK ANGLE OUTBOUND - RNAV	N/A	N/A	
ATS.txt	ATS1	43	DISTANCE TO CHANGEOVER POINT - RNAV	N/A	N/A	
ATS.txt	ATS1	48	TRACK ANGLE INBOUND - RNAV	N/A	N/A	
ATS.txt	ATS1	55	DISTANCE TO NEXT POINT IN NAUTICAL MILES	N/A	N/A	
ATS.txt	ATS1	61	BEARING(RESERVED - PRESENTLY 000.00 ENTERED)	N/A	N/A	
ATS.txt	ATS1	67	SEGMENT MAGNETIC COURSE	AWY_SEG_ALT.csv	MAG_COURSE	
ATS.txt	ATS1	73	SEGMENT MAGNETIC COURSE - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	OPP_MAG_COURSE	
ATS.txt	ATS1	79	DISTANCE TO NEXT POINT IN SEGMENT IN NAUTICAL MILES.	AWY_SEG_ALT.csv	MAG_COURSE_DIST	
ATS.txt	ATS1	85	POINT TO POINT MINIMUM ENROUTE ALTITUDE(MEA)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT	
ATS.txt	ATS1	90	POINT TO POINT MINIMUM ENROUTE DIRECTION(MEA)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_DIR	
ATS.txt	ATS1	97	POINT TO POINT MINIMUM ENROUTE ALTITUDE(MEA-OPPOSITE DIRECTION)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_OPPOSITE	
ATS.txt	ATS1	102	POINT TO POINT MINIMUM ENROUTE DIRECTION(MEA-OPPOSITE DIRECTION)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_OPPOSITE_DIR	
ATS.txt	ATS1	109	POINT TO POINT MAXIMUM AUTHORIZED ALTITUDE; EX: 45000 OR BLANKS	AWY_SEG_ALT.csv	MAX_AUTH_ALT	
ATS.txt	ATS1	114	POINT TO POINT MINIMUM OBSTRUCTION CLEARANCE; ALTITUDE(MOCA)	AWY_SEG_ALT.csv	MIN_OBSTN_CLNC_ALT	
ATS.txt	ATS1	119	AIRWAY GAP FLAG INDICATOR; 'X' ENTERED WHEN AIRWAY DISCONTINUED	AWY_SEG_ALT.csv	AWY_SEG_GAP_FLAG	In AWY_SEG_ALT.csv this is a Y/N indicator.
ATS.txt	ATS1	120	DISTANCE FROM THIS POINT TO THE CHANGEOVER POINT FOR THE NEXT NAVAID.	AWY_SEG_ALT.csv	CHGOVR_PT_DIST	
ATS.txt	ATS1	123	MINIMUM CROSSING ALTITUDE	AWY_SEG_ALT.csv	MIN_CROSS_ALT	
ATS.txt	ATS1	128	DIRECTION OF CROSSING	AWY_SEG_ALT.csv	MIN_CROSS_ALT_DIR	
ATS.txt	ATS1	135	MINIMUM CROSSING ALTITUDE - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	MIN_CROSS_ALT_OPPOSITE	
ATS.txt	ATS1	140	DIRECTION OF CROSSING - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	MIN_CROSS_ALT_OPPOSITE_DIR	
ATS.txt	ATS1	147	GAP IN SIGNAL COVERAGE INDICATOR	AWY_SEG_ALT.csv	SIGNAL_GAP_FLAG	
ATS.txt	ATS1	148	U.S. AIRSPACE ONLY INDICATOR	N/A	N/A	
ATS.txt	ATS1	149	NAVAID MAGNETIC VARIATION	N/A	N/A	NAVAID Magnetic Variation may be found in the NAV_BASE.csv
ATS.txt	ATS1	154	NAVAID/FIX ARTCC	AWY_SEG_ALT.csv	ARTCC	
ATS.txt	ATS1	157	RESERVED(TO POINT-PART95)	AWY_SEG_ALT.csv	TO_POINT	
ATS.txt	ATS1	197	RESERVED(NEXT MEA POINT-PART95)	AWY_SEG_ALT.csv	NEXT_MEA_PT	
ATS.txt	ATS1	247	POINT TO POINT GNSS MINIMUM ENROUTE ALTITUDE; (GNSS MEA)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT	
ATS.txt	ATS1	252	POINT TO POINT GNSS MINIMUM ENROUTE DIRECTION; (GNSS MEA)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT_DIR	
ATS.txt	ATS1	259	POINT TO POINT GNSS MINIMUM ENROUTE ALTITUDE; (GNSS MEA-OPPOSITE DIR)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT_OPPOSITE	
ATS.txt	ATS1	264	POINT TO POINT GNSS MINIMUM ENROUTE DIRECTION; (GNSS MEA-OPPOSITE DIR)	AWY_SEG_ALT.csv	GPS_MEA_OPPOSITE_DIR	
ATS.txt	ATS1	271	MINIMUM CROSSING ALTITUDE (MCA) POINT	AWY_SEG_ALT.csv	MIN_CROSS_ALT_NAV_PT	
ATS.txt	ATS1	321	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE; ALTITUDE (MEA)	AWY_SEG_ALT.csv	DD_IRU_MEA	
ATS.txt	ATS1	326	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE; DIRECTION (MEA)	AWY_SEG_ALT.csv	DD_IRU_MEA_DIR	

ATS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ATS.txt	ATS1	332	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE; ALTITUDE (MEA-OPPOSITE DIR)	AWY_SEG_ALT.csv	DD_I_MEA_OPPOSITE	
ATS.txt	ATS1	337	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE; DIRECTION (MEA-OPPOSITE DIR)	AWY_SEG_ALT.csv	DD_I_MEA_OPPOSITE_DIR	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	MEA_GAP	Identifies whether a given Segment is Unusable(U) or Contains No MEA(N). See Layout Doc for more information.
ATS.txt	ATS1	343	DOGLEG(Y/N) (A TURN POINT NOT AT A NAVAID)	AWY_SEG_ALT.csv	DOGLEG	
ATS.txt	ATS1	344	RNP	AWY_SEG_ALT.csv	REQD_NAV_PERFORMANCE	
ATS.txt	ATS1	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
ATS.txt	ATS2	1	RECORD TYPE INDICATOR. ATS2: ATS AIRWAY POINT DESCRIPTION	N/A	N/A	
ATS.txt	ATS2	5	ATS AIRWAY DESIGNATION.	AWY_BASE.csv	AWY_DESIGNATION	
ATS.txt	ATS2	7	ATS AIRWAY ID	AWY_SEG_ALT.csv	AWY_ID	
ATS.txt	ATS2	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	ATS2	20	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
ATS.txt	ATS2	21	AIRWAY POINT SEQUENCE NUMBER.	AWY_SEG_ALT.csv	POINT_SEQ	
ATS.txt	ATS2	26	NAVAID FACILITY/FIX NAME	AWY_SEG_ALT.csv	NAV_NAME	NAVAID Facility Name; Full name of the NAVAID spelled out (not 3-letter ID)
ATS.txt	ATS2	26	NAVAID FACILITY/FIX NAME	AWY_SEG_ALT.csv	FROM_POINT	Fix Name (5 LTR name)
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	NAV_CITY	The NAVAID Facility City which is part of the key for all NAV_*.csv files.
ATS.txt	ATS2	66	NAVAID FACILITY/FIX TYPE	AWY_SEG_ALT.csv	FROM_PT_TYPE	
ATS.txt	ATS2	91	FIX TYPE - PUBLICATION CATEGORY; **ENTERED FOR NAMED FIXES ONLY	N/A	N/A	
ATS.txt	ATS2	106	NAVAID FACILITY/FIX STATE P. O. CODE	AWY_SEG_ALT.csv	STATE_CODE	
ATS.txt	ATS2	108	ICAO REGION CODE - For FIX	AWY_SEG_ALT.csv	ICAO_REGION_CODE	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	COUNTRY_CODE	Country Post Office Code
ATS.txt	ATS2	110	NAVAID FACILITY/FIX LATITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv and for FIX may be found in FIX_BASE.csv
ATS.txt	ATS2	124	NAVAID FACILITY/FIX LONGITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv and for FIX may be found in FIX_BASE.csv
ATS.txt	ATS2	138	FIX MINIMUM RECEPTION ALTITUDE(MRA)	AWY_SEG_ALT.csv	MIN_RECEP_ALT	
ATS.txt	ATS2	143	NAVAID IDENTIFIER	AWY_SEG_ALT.csv	FROM_POINT	
ATS.txt	ATS2	147	RESERVED(FROM POINT-PART95)	N/A	N/A	
ATS.txt	ATS2	204	BLANKS	N/A	N/A	
ATS.txt	ATS2	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
ATS.txt	ATS3	1	RECORD TYPE INDICATOR. ATS3: CHANGEOVER TO POINT NAVAID	N/A	N/A	
ATS.txt	ATS3	5	ATS AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_DESIGNATION	
ATS.txt	ATS3	7	ATS AIRWAY ID	AWY_SEG_ALT.csv	AWY_ID	
ATS.txt	ATS3	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	ATS3	20	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
ATS.txt	ATS3	21	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
ATS.txt	ATS3	26	NAVAID FACILITY NAME	AWY_SEG_ALT.csv	CHGOVR_PT_NAME	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	CHGOVR_PT	NAVAID Changeover Point Facility Identifier
ATS.txt	ATS3	56	NAVAID FACILITY TYPE	AWY_SEG_ALT.csv	FROM_PT_TYPE	
ATS.txt	ATS3	81	NAVAID FACILITY STATE P. O. CODE	AWY_SEG_ALT.csv	STATE_CODE	
ATS.txt	ATS3	83	NAVAID FACILITY LATITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv.
ATS.txt	ATS3	97	NAVAID FACILITY LONGITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv.
ATS.txt	ATS3	111	BLANKS	N/A	N/A	
ATS.txt	ATS3	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
ATS.txt	ATS4	1	RECORD TYPE INDICATOR. ATS4: ATS AIRWAY REMARKS TEXT	N/A	N/A	
ATS.txt	ATS4	5	ATS AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_DESIGNATION	
ATS.txt	ATS4	7	ATS AIRWAY ID	AWY_SEG_ALT.csv	AWY_ID	
ATS.txt	ATS4	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	ATS4	20	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
ATS.txt	ATS4	21	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
ATS.txt	ATS4	26	REMARKS TEXT	AWY_SEG_ALT.csv	REMARK	
ATS.txt	ATS4	226	BLANKS	N/A	N/A	
ATS.txt	ATS4	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
ATS.txt	ATS5	1	RECORD TYPE INDICATOR. ATS5: CHANGEOVER POINT EXCEPTION TEXT	N/A	N/A	

ATS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ATS.txt	ATSS	5	ATS AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_DESIGNATION	
ATS.txt	ATSS	7	ATS AIRWAY ID	AWY_SEG_ALT.csv	AWY_ID	
ATS.txt	ATSS	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	ATSS	20	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
ATS.txt	ATSS	21	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
ATS.txt	ATSS	26	REMARKS TEXT	AWY_SEG_ALT.csv	REMARK	
ATS.txt	ATSS	226	BLANKS	N/A	N/A	
ATS.txt	ATSS	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
ATS.txt	RMK	1	RECORD TYPE INDICATOR. RMK : ATS AIRWAY REMARK TEXT	N/A	N/A	
ATS.txt	RMK	5	ATS AIRWAY DESIGNATION.	AWY_BASE.csv	AWY_DESIGNATION	
ATS.txt	RMK	7	ATS AIRWAY ID	AWY_BASE.csv	AWY_ID	
ATS.txt	RMK	19	RNAV INDICATOR	N/A	N/A	
ATS.txt	RMK	20	AIRWAY TYPE.	AWY_BASE.csv	AWY_LOCATION	
ATS.txt	RMK	21	REMARK SEQUENCE NUMBER	N/A	N/A	
ATS.txt	RMK	24	REMARK REFERENCE	N/A	N/A	
ATS.txt	RMK	29	REMARKS TEXT	AWY_BASE.csv	REMARK	
ATS.txt	RMK	229	BLANKS	N/A	N/A	
ATS.txt	RMK	349	RECORD SORT SEQUENCE NUMBER	N/A	N/A	

AWOS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AWOS.txt	AWOS1	1	RECORD TYPE INDICATOR. Main AWOS/ASOS Data	N/A	N/A	
AWOS.txt	AWOS1	6	WX SENSOR IDENT	AWOS.csv	ASOS_AWOS_ID	
AWOS.txt	AWOS1	10	WX SENSOR TYPE	AWOS.csv	ASOS_AWOS_TYPE	
AWOS.txt	AWOS1	20	COMMISSIONING STATUS	N/A	N/A	Decommissioned Weather systems are not included.
AWOS.txt	AWOS1	21	COMMISSIONING/DECOMMISSIONING DATE (MM/DD/YYYY)	AWOS.csv	COMMISSIONED_DATE	Since all Weather Systems are Active, Date is Comissioned Date.
AWOS.txt	AWOS1	31	NAVAID FLAG - WX SENSOR ASSOCIATED WITH NAVAID	AWOS.csv	NAVAID_FLAG	
AWOS.txt	AWOS1	32	STATION LATITUDE	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	AWOS.csv	LAT_DEG	
N/A	N/A	N/A	N/A	AWOS.csv	LAT_MIN	
N/A	N/A	N/A	N/A	AWOS.csv	LAT_SEC	
N/A	N/A	N/A	N/A	AWOS.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	AWOS.csv	LAT_DECIMAL	Weather System Latitude in Decimal Format
AWOS.txt	AWOS1	46	STATION LONGITUDE	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	AWOS.csv	LONG_DEG	
N/A	N/A	N/A	N/A	AWOS.csv	LONG_MIN	
N/A	N/A	N/A	N/A	AWOS.csv	LONG_SEC	
N/A	N/A	N/A	N/A	AWOS.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	AWOS.csv	LONG_DECIMAL	Weather System Longitude in Decimal Format
AWOS.txt	AWOS1	61	ELEVATION	AWOS.csv	ELEV	
AWOS.txt	AWOS1	68	SURVEY METHOD CODE	AWOS.csv	SURVEY_METHOD_CODE	
AWOS.txt	AWOS1	69	STATION FREQUENCY	N/A	N/A	See FRQ.csv
AWOS.txt	AWOS1	76	SECOND STATION FREQUENCY	N/A	N/A	AWOS.txt does not contain any but if added, would be located in FRQ.csv
AWOS.txt	AWOS1	83	STATION TELEPHONE NUMBER	AWOS.csv	PHONE_NO	
AWOS.txt	AWOS1	97	SECOND STATION TELEPHONE NUMBER	AWOS.csv	SECOND_PHONE_NO	
AWOS.txt	AWOS1	111	LANDING FACILITY SITE NUMBER WHEN STATION LOCATED AT AIRPORT	AWOS.csv	SITE_NO	
AWOS.txt	AWOS1	111	LANDING FACILITY SITE NUMBER WHEN STATION LOCATED AT AIRPORT	AWOS.csv	SITE_TYPE_CODE	
AWOS.txt	AWOS1	122	STATION CITY	AWOS.csv	CITY	
N/A	N/A	N/A	N/A	AWOS.csv	COUNTRY_CODE	Country Code Weather System is Located.
AWOS.txt	AWOS1	162	STATION STATE POST OFFICE CODE (EX. IL)	AWOS.csv	STATE_CODE	
AWOS.txt	AWOS1	164	INFORMATION EFFECTIVE DATE (MM/DD/YYYY)	AWOS.csv	EFF_DATE	
AWOS.txt	AWOS1	174	BLANKS: FILLER	N/A	N/A	
AWOS.txt	AWOS2	1	RECORD TYPE INDICATOR. Remark Pertaining to AWOS1 Record	N/A	N/A	
AWOS.txt	AWOS2	6	WX SENSOR IDENT	AWOS.csv	ASOS_AWOS_ID	
AWOS.txt	AWOS2	10	WX SENSOR TYPE	AWOS.csv	ASOS_AWOS_TYPE	
AWOS.txt	AWOS2	20	ASOS/AWOS REMARKS, FREE-FORM TEXT.	AWOS.csv	REMARK	

AWY.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AWY.txt	AWY1	1	RECORD TYPE INDICATOR. AWY1: BASIC AND MINIMUM ENROUTE ALTITUDE DATA	N/A	N/A	
AWY.txt	AWY1	5	AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_ID	
N/A	N/A	N/A	N/A	AWY_BASE.csv, AWY_SEG_ALT.csv	REGULATORY	Airways published under 14 CFR (Code of Federal Regulation) Part-71 and Part-95 – Y/N.
AWY.txt	AWY1	10	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
AWY.txt	AWY1	11	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	FROM_POINT	NAVAID Facility Identifier, FIX Name or Border crossing associated with POINT_SEQ.
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	MEA_PT_TYPE	NAVAID Facility or FIX Type of MEA_PT. (see SEQ_TYPE for list)
AWY.txt	AWY1	16	CHART/PUBLICATION EFFECTIVE DATE (MM/DD/YYYY)	AWY_BASE.csv, AWY_SEG_ALT.csv	EFF_DATE	
N/A	N/A	N/A	N/A	AWY_BASE.csv	UPDATE_DATE	The Last Date for which the AIRWAY Data amended.
N/A	N/A	N/A	N/A	AWY_BASE.csv	AIRWAY_STRING	List of FIX and NAVAID that make up the AIRWAY in order adapted.
AWY.txt	AWY1	26	TRACK ANGLE OUTBOUND - RNAV	N/A	N/A	
AWY.txt	AWY1	33	DISTANCE TO CHANGEOVER POINT - RNAV	N/A	N/A	
AWY.txt	AWY1	38	TRACK ANGLE INBOUND - RNAV	N/A	N/A	
AWY.txt	AWY1	45	DISTANCE TO NEXT POINT IN NAUTICAL MILES	N/A	N/A	
AWY.txt	AWY1	51	BEARING(RESERVED - PRESENTLY 000.00 ENTERED)	N/A	N/A	
AWY.txt	AWY1	57	SEGMENT MAGNETIC COURSE	AWY_SEG_ALT.csv	MAG_COURSE	
AWY.txt	AWY1	63	SEGMENT MAGNETIC COURSE - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	OPP_MAG_COURSE	
AWY.txt	AWY1	69	DISTANCE TO NEXT POINT IN SEGMENT IN NAUTICAL MILES.	AWY_SEG_ALT.csv	MAG_COURSE_DIST	
AWY.txt	AWY1	75	POINT TO POINT MINIMUM ENROUTE ALTITUDE(MEA)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT	
AWY.txt	AWY1	80	POINT TO POINT MINIMUM ENROUTE DIRECTION(MEA)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_DIR	
AWY.txt	AWY1	86	POINT TO POINT MINIMUM ENROUTE ALTITUDE(MEA-OPPOSITE DIRECTION)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_OPPOSITE	
AWY.txt	AWY1	91	POINT TO POINT MINIMUM ENROUTE DIRECTION(MEA-OPPOSITE DIRECTION)	AWY_SEG_ALT.csv	MIN_ENROUTE_ALT_OPPOSITE_DIR	
AWY.txt	AWY1	97	POINT TO POINT MAXIMUM AUTHORIZED ALTITUDE	AWY_SEG_ALT.csv	MAX_AUTH_ALT	
AWY.txt	AWY1	102	POINT TO POINT MINIMUM OBSTRUCTION CLEARANCE ALTITUDE(MOCA)	AWY_SEG_ALT.csv	MIN_OBSTN_CLNC_ALT	
AWY.txt	AWY1	107	AIRWAY GAP FLAG INDICATOR - 'X' ENTERED WHEN AIRWAY DISCONTINUED	AWY_SEG_ALT.csv	AWY_SEG_GAP_FLAG	In AWY_SEG_ALT.csv this is a Y/N indicator.
AWY.txt	AWY1	108	DISTANCE FROM THIS POINT TO THE CHANGEOVER POINT FOR THE NEXT NAVAID.	AWY_SEG_ALT.csv	CHGOVR_PT_DIST	
AWY.txt	AWY1	111	MINIMUM CROSSING ALTITUDE	AWY_SEG_ALT.csv	MIN_CROSS_ALT	
AWY.txt	AWY1	116	DIRECTION OF CROSSING	AWY_SEG_ALT.csv	MIN_CROSS_ALT_DIR	
AWY.txt	AWY1	123	MINIMUM CROSSING ALTITUDE - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	MIN_CROSS_ALT_OPPOSITE	
AWY.txt	AWY1	128	DIRECTION OF CROSSING - OPPOSITE DIRECTION	AWY_SEG_ALT.csv	MIN_CROSS_ALT_OPPOSITE_DIR	
AWY.txt	AWY1	135	GAP IN SIGNAL COVERAGE INDICATOR	AWY_SEG_ALT.csv	SIGNAL_GAP_FLAG	
AWY.txt	AWY1	136	U.S. AIRSPACE ONLY INDICATOR	N/A	N/A	
AWY.txt	AWY1	137	NAVAID MAGNETIC VARIATION	N/A	N/A	NAVAID Magnetic Variation may be found in the NAV_BASE.csv - MAG_VARN, MAG_VARN_HEMIS CSV_Column (s).
AWY.txt	AWY1	142	NAVAID/FIX ARTCC - - - EX: ZTL	AWY_SEG_ALT.csv	ARTCC	
AWY.txt	AWY1	145	RESERVED(TO POINT-PART95)	AWY_SEG_ALT.csv	TO_POINT	
AWY.txt	AWY1	178	RESERVED(NEXT MEA POINT-PART95)	AWY_SEG_ALT.csv	NEXT_MEA_PT	
AWY.txt	AWY1	218	POINT TO POINT GNSS MINIMUM ENROUTE ALTITUDE (GNSS MEA)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT	
AWY.txt	AWY1	223	POINT TO POINT GNSS MINIMUM ENROUTE DIRECTION (GNSS MEA)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT_DIR	
AWY.txt	AWY1	229	POINT TO POINT GNSS MINIMUM ENROUTE ALTITUDE (GNSS MEA- OPPOSITE DIR)	AWY_SEG_ALT.csv	GPS_MIN_ENROUTE_ALT_OPPOSITE	
AWY.txt	AWY1	234	POINT TO POINT GNSS MINIMUM ENROUTE DIRECTION (GNSS MEA- OPPOSITE DIR)	AWY_SEG_ALT.csv	GPS_MEA_OPPOSITE_DIR	
AWY.txt	AWY1	240	MINIMUM CROSSING ALTITUDE (MCA) POINT	AWY_SEG_ALT.csv	MIN_CROSS_ALT_NAV_PT	
AWY.txt	AWY1	280	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE ALTITUDE (MEA)	AWY_SEG_ALT.csv	DD_IRU_MEA	
AWY.txt	AWY1	285	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE DIRECTION (MEA)	AWY_SEG_ALT.csv	DD_IRU_MEA_DIR	
AWY.txt	AWY1	291	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE ALTITUDE (MEA- OPPOSITE DIR)	AWY_SEG_ALT.csv	DD_I_MEA_OPPOSITE	



AWY.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AWY.txt	AWY1	296	POINT TO POINT DME/DME/IRU MINIMUM ENROUTE DIRECTION (MEA-OPPOSITE DIR)	AWY_SEG_ALT.csv	DD_I_MEA_OPPOSITE_DIR	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	MEA_GAP	Identifies whether a given Segment is Unusable(U) or Contains No MEA(N). See Layout Doc for more information.
AWY.txt	AWY1	302	DOGLEG(Y/N) (A TURN POINT NOT AT A NAVAID)	AWY_SEG_ALT.csv	DOGLEG	
AWY.txt	AWY1	303	RNP	AWY_SEG_ALT.csv	REQD_NAV_PERFORMANCE	
AWY.txt	AWY1	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
AWY.txt	AWY2	1	RECORD TYPE INDICATOR. AWY2: AIRWAY POINT DESCRIPTION	N/A	N/A	
AWY.txt	AWY2	5	AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_ID	
AWY.txt	AWY2	10	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
AWY.txt	AWY2	11	AIRWAY POINT SEQUENCE NUMBER.	AWY_SEG_ALT.csv	POINT_SEQ	
AWY.txt	AWY2	16	NAVAID FACILITY/FIX NAME	AWY_SEG_ALT.csv	NAV_NAME	NAVAID Facility Name; Full name of the NAVAID spelled out (not 3-letter ID)
AWY.txt	AWY2	16	NAVAID FACILITY/FIX NAME	AWY_SEG_ALT.csv	FROM_PT_TYPE	Fix Name (5 LTR name)
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	NAV_CITY	The NAVAID Facility City which is part of the key for all NAV_*.csv files.
AWY.txt	AWY2	46	NAVAID FACILITY/FIX TYPE	AWY_SEG_ALT.csv	FROM_PT_TYPE	
AWY.txt	AWY2	65	FIX TYPE - PUBLICATION CATEGORY **ENTERED FOR NAMED FIXES ONLY	N/A	N/A	
AWY.txt	AWY2	80	NAVAID FACILITY/FIX STATE P. O. CODE	AWY_SEG_ALT.csv	STATE_CODE	
AWY.txt	AWY2	82	ICAO REGION CODE - FOR FIX	AWY_SEG_ALT.csv	ICAO_REGION_CODE	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	COUNTRY_CODE	Country Post Office Code
AWY.txt	AWY2	84	NAVAID FACILITY/FIX LATITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv and for FIX may be found in FIX_BASE.csv
AWY.txt	AWY2	98	NAVAID FACILITY/FIX LONGITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv and for FIX may be found in FIX_BASE.csv
AWY.txt	AWY2	112	FIX MINIMUM RECEPTION ALTITUDE(MRA)	AWY_SEG_ALT.csv	MIN_RECEP_ALT	
AWY.txt	AWY2	117	NAVAID IDENTIFIER	AWY_SEG_ALT.csv	FROM_POINT	
AWY.txt	AWY2	121	RESERVED(FROM POINT-PART95)	N/A	N/A	
AWY.txt	AWY2	161	BLANKS	N/A	N/A	
AWY.txt	AWY2	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
AWY.txt	AWY3	1	RECORD TYPE INDICATOR. AWY3: CHANGEOVER TO POINT NAVAID	N/A	N/A	
AWY.txt	AWY3	5	AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_ID	
AWY.txt	AWY3	10	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
AWY.txt	AWY3	11	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
AWY.txt	AWY3	16	NAVAID FACILITY NAME	AWY_SEG_ALT.csv	CHGOVR_PT_NAME	
N/A	N/A	N/A	N/A	AWY_SEG_ALT.csv	CHGOVR_PT	NAVAID Changeover Point Facility Identifier
AWY.txt	AWY3	46	NAVAID FACILITY TYPE	AWY_SEG_ALT.csv	FROM_PT_TYPE	
AWY.txt	AWY3	65	NAVAID FACILITY STATE P. O. CODE	AWY_SEG_ALT.csv	STATE_CODE	
AWY.txt	AWY3	67	NAVAID FACILITY LATITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv.
AWY.txt	AWY3	81	NAVAID FACILITY LONGITUDE	N/A	N/A	Location info for NAVAID may be found in NAV_BASE.csv.
AWY.txt	AWY3	95	BLANKS	N/A	N/A	
AWY.txt	AWY3	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
AWY.txt	AWY4	1	RECORD TYPE INDICATOR. AWY4: AIRWAY REMARKS TEXT	N/A	N/A	
AWY.txt	AWY4	5	AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_ID	
AWY.txt	AWY4	10	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
AWY.txt	AWY4	11	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
AWY.txt	AWY4	16	REMARKS TEXT	AWY_SEG_ALT.csv	REMARK	
AWY.txt	AWY4	218	BLANKS	N/A	N/A	
AWY.txt	AWY4	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
AWY.txt	AWY5	1	RECORD TYPE INDICATOR. AWY5: CHANGEOVER POINT EXCEPTION TEXT	N/A	N/A	
AWY.txt	AWY5	5	AIRWAY DESIGNATION.	AWY_SEG_ALT.csv	AWY_ID	
AWY.txt	AWY5	10	AIRWAY TYPE.	AWY_SEG_ALT.csv	AWY_LOCATION	
AWY.txt	AWY5	11	AIRWAY POINT SEQUENCE NUMBER	AWY_SEG_ALT.csv	POINT_SEQ	
AWY.txt	AWY5	16	REMARKS TEXT	AWY_SEG_ALT.csv	REMARK	
AWY.txt	AWY5	218	BLANKS	N/A	N/A	
AWY.txt	AWY5	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
AWY.txt	RMK	1	RECORD TYPE INDICATOR. RMK : AIRWAY REMARK TEXT	N/A	N/A	
AWY.txt	RMK	5	AIRWAY DESIGNATION.	AWY_BASE.csv	AWY_ID	

AWY.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
AWY.txt	RMK	10	AIRWAY TYPE.	AWY_BASE.csv	AWY_LOCATION	
AWY.txt	RMK	11	REMARK SEQUENCE NUMBER	N/A	N/A	
AWY.txt	RMK	14	REMARK REFERENCE	N/A	N/A	
AWY.txt	RMK	20	REMARKS TEXT	AWY_BASE.csv	REMARK	
AWY.txt	RMK	240	BLANKS	N/A	N/A	
AWY.txt	RMK	308	RECORD SORT SEQUENCE NUMBER	N/A	N/A	

CDR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Comment
CDR.txt	CDR.txt	N/A - Comma Delimited	Route Code	CDR.csv	RCode	
CDR.txt	CDR.txt	N/A - Comma Delimited	Origin	CDR.csv	Orig	
CDR.txt	CDR.txt	N/A - Comma Delimited	Destination	CDR.csv	Dest	
CDR.txt	CDR.txt	N/A - Comma Delimited	Departure Fix	CDR.csv	DepFix	
CDR.txt	CDR.txt	N/A - Comma Delimited	Route String	CDR.csv	Route String	
CDR.txt	CDR.txt	N/A - Comma Delimited	ARTCC	CDR.csv	DCNTR	Departure ARTCC associated with a given CDR.
N/A	N/A	N/A	N/A	CDR.csv	ACNTR	Arrival ARTCC associated with a given CDR.
N/A	N/A	N/A	N/A	CDR.csv	TCNTRs	A list of all Traversed ARTCCs for a given CDR.
N/A	N/A	N/A	N/A	CDR.csv	CoordReq	Y/N indicator as to whether Coordination is required.
N/A	N/A	N/A	N/A	CDR.csv	Play	The Playbook Play name for a given CDR.
N/A	N/A	N/A	N/A	CDR.csv	NavEqp	Navigation Equipment Designator.
N/A	N/A	N/A	N/A	CDR.csv	Length	Length of CDR in Nautical Miles

COM.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	COM.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
COM.txt	COM.txt	1	COMMUNICATIONS OUTLET IDENT	COM.csv	COMM_LOC_ID	
COM.txt	COM.txt	5	COMMUNICATIONS OUTLET TYPE	COM.csv	COMM_TYPE	
COM.txt	COM.txt	12	ASSOCIATED NAVAID IDENT	COM.csv	NAV_ID	
COM.txt	COM.txt	16	ASSOCIATED NAVAID TYPE	COM.csv	NAV_TYPE	
COM.txt	COM.txt	18	ASSOCIATED NAVAID CITY	N/A	N/A	See NAV_BASE.csv
COM.txt	COM.txt	44	ASSOCIATED NAVAID STATE	N/A	N/A	See NAV_BASE.csv
COM.txt	COM.txt	64	ASSOCIATED NAVAID NAME	N/A	N/A	See NAV_BASE.csv
COM.txt	COM.txt	90	ASSOCIATED NAVAID LATITUDE	N/A	N/A	See NAV_BASE.csv
COM.txt	COM.txt	104	ASSOCIATED NAVAID LONGITUDE	N/A	N/A	See NAV_BASE.csv
COM.txt	COM.txt	118	COMMUNICATIONS OUTLET CITY	COM.csv	CITY	
COM.txt	COM.txt	144	COMMUNICATIONS OUTLET STATE	COM.csv	STATE_CODE	
COM.txt	COM.txt	164	COMMUNICATIONS OUTLET REGION NAME	COM.csv	N/A	
COM.txt	COM.txt	184	COMMUNICATIONS OUTLET REGION CODE	COM.csv	REGION_CODE	
N/A	N/A	N/A	N/A	COM.csv	COUNTRY_CODE	Country Code Communications Outlet is Located.
COM.txt	COM.txt	187	COMMUNICATIONS OUTLET LATITUDE	COM.csv	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	COM.csv	LAT_DEG	
N/A	N/A	N/A	N/A	COM.csv	LAT_MIN	
N/A	N/A	N/A	N/A	COM.csv	LAT_SEC	
N/A	N/A	N/A	N/A	COM.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	COM.csv	LAT_DECIMAL	Communications Outlet Latitude in Decimal Format
COM.txt	COM.txt	201	COMMUNICATIONS OUTLET LONGITUDE	COM.csv	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	COM.csv	LONG_DEG	
N/A	N/A	N/A	N/A	COM.csv	LONG_MIN	
N/A	N/A	N/A	N/A	COM.csv	LONG_SEC	
N/A	N/A	N/A	N/A	COM.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	COM.csv	LONG_DECIMAL	Communications Outlet Longitude in Decimal Format
COM.txt	COM.txt	215	COMMUNICATIONS OUTLET CALL	COM.csv	COMM_OUTLET_NAME	Communications Outlet Name. The Communications Outlet Name is also used as the Communications Outlet Call.
COM.txt	COM.txt	241	COMMUNICATIONS OUTLET FREQUENCIES	N/A	N/A	See FRQ.csv
COM.txt	COM.txt	385	FSS IDENT	COM.csv	FACILITY_ID	
COM.txt	COM.txt	389	FSS IDENT*FSS NAME	COM.csv	FACILITY_NAME	
COM.txt	COM.txt	419	ALTERNATE FSS IDENT	COM.csv	ALT_FSS_ID	
COM.txt	COM.txt	423	ALTERNATE FSS IDENT*ALTERNATE FSS NAME	COM.csv	ALT_FSS_NAME	
COM.txt	COM.txt	453	OPERATIONAL HOURS IN 3 FIELDS OF 20 CHARACTERS EACH.	COM.csv	OPR_HRS	
COM.txt	COM.txt	513	OWNER CODE	N/A	N/A	
COM.txt	COM.txt	514	OWNER NAME	N/A	N/A	
COM.txt	COM.txt	583	OPERATOR CODE	N/A	N/A	
COM.txt	COM.txt	584	OPERATOR NAME	N/A	N/A	
COM.txt	COM.txt	653	CHARTS IN 4 FIELDS OF 2 CHARACTERS EACH	N/A	N/A	
COM.txt	COM.txt	661	STANDARD TIME ZONE	N/A	N/A	
N/A	N/A	N/A	N/A	COM.csv	REMARK	Remark associated with Communications Outlet.
COM.txt	COM.txt	663	STATUS	COM.csv	COMM_STATUS_CODE	
COM.txt	COM.txt	683	STATUS DATE	COM.csv	COMM_STATUS_DATE	

FIX.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	FIX_BASE.csv, FIX_CHRT.csv, FIX_NAV.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
FIX.txt	FIX1	1	RECORD TYPE INDICATOR. FIX1: BASE FIX DATA	N/A	N/A	
FIX.txt	FIX1	5	RECORD IDENTIFIER (FIX ID)	FIX_BASE.csv	FIX_ID	
FIX.txt	FIX1	35	RECORD IDENTIFIER (FIX STATE NAME)	N/A	N/A	See State_Code
FIX.txt	FIX1	65	ICAO REGION CODE	FIX_BASE.csv	ICAO_REGION_CODE	
N/A	N/A	N/A	N/A	FIX_BASE.csv, FIX_CHRT.csv, FIX_NAV.csv	STATE_CODE	Associated State Post Office Code standard two letter abbreviation for US States and Territories.
N/A	N/A	N/A	N/A	FIX_BASE.csv, FIX_CHRT.csv, FIX_NAV.csv	COUNTRY_CODE	Country Post Office Code
FIX.txt	FIX1	67	GEOGRAPHICAL LATITUDE OF THE FIX.	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FIX_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LAT_DECIMAL	FIX Latitude in Decimal Format
FIX.txt	FIX1	81	GEOGRAPHICAL LONGITUDE OF THE FIX.	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FIX_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	FIX_BASE.csv	LONG_DECIMAL	FIX Longitude in Decimal Format
FIX.txt	FIX1	95	CATEGORIZES THE FIX AS A MILITARY (MIL) OR CIVIL FIX (FIX).	N/A	N/A	See FIX_USE_CODE
FIX.txt	FIX1	98	3 OR 4 LETTER IDENT*FACILITY TYPE*DIRECTION OR COURSE OF MLS COMPONENT USED IN FIX DESCRIPTION	N/A	N/A	No longer utilized
FIX.txt	FIX1	120	AIRPORT ID*APPROACH-END-RWY*DISTANCE OF RADAR COMPONENT USED IN FIX DESCRIPTION USED IN FIX DESCRIPTION	N/A	N/A	No longer utilized
FIX.txt	FIX1	142	PREVIOUS NAME OF THE FIX BEFORE IT WAS RENAMED	FIX_BASE.csv	FIX_ID_OLD	
FIX.txt	FIX1	175	CHARTING INFORMATION.	FIX_BASE.csv	CHARTING_REMARK	
FIX.txt	FIX1	213	FIX TO BE PUBLISHED (Y = YES OR N = NO)	N/A	N/A	not needed, all fixes are published.
FIX.txt	FIX1	214	FIX USE	FIX_BASE.csv	FIX_USE_CODE	
FIX.txt	FIX1	229	NATIONAL AIRSPACE SYSTEM(NAS) IDENTIFIER FOR THE FIX (USUALLY 5 CHARACTERS).	N/A	N/A	see FIX_ID
FIX.txt	FIX1	234	DENOTES HIGH ARTCC AREA OF JURISDICTION.	FIX_BASE.csv	ARTCC_ID_HIGH	
FIX.txt	FIX1	238	DENOTES LOW ARTCC AREA OF JURISDICTION.	FIX_BASE.csv	ARTCC_ID_LOW	
FIX.txt	FIX1	242	FIX COUNTRY NAME (OUTSIDE CONUS)	N/A	N/A	See COUNTRY_CODE
FIX.txt	FIX1	272	PITCH (Y = YES OR N = NO)	FIX_BASE.csv	PITCH_FLAG	
FIX.txt	FIX1	273	CATCH (Y = YES OR N = NO)	FIX_BASE.csv	CATCH_FLAG	
FIX.txt	FIX1	274	SUA/ATCAA (Y = YES OR N = NO)	FIX_BASE.csv	SUA_ATCAA_FLAG	
FIX.txt	FIX1	275	BLANKS	N/A	N/A	
N/A	N/A	N/A	N/A	FIX_BASE.csv	MIN_RECEP_ALT	Fix Minimum Reception Altitude (MRA)
N/A	N/A	N/A	N/A	FIX_BASE.csv	COMPULSORY	Compulsory FIX identified as HIGH or LOW or LOW/HIGH. Null in this field identifies Non-Compulsory FIX.
N/A	N/A	N/A	N/A	FIX_BASE.csv	CHARTS	Concatenated list of the information found in the FIX_CHRT file separated by a comma.
FIX.txt	FIX2	1	RECORD TYPE INDICATOR. FIX2: FIX NAVAID MAKEUP TEXT.	N/A	N/A	
FIX.txt	FIX2	5	RECORD IDENTIFIER (FIX NAME)	FIX_NAV.csv	FIX_ID	
FIX.txt	FIX2	35	RECORD IDENTIFIER (FIX STATE NAME)	N/A	N/A	See State_Code
FIX.txt	FIX2	65	ICAO REGION CODE	FIX_NAV.csv	ICAO_REGION_CODE	
FIX.txt	FIX2	67	LOCATION-IDENTIFIER, FACILITY TYPE, AND RADIAL OR BEARING / DME DISTANCE OF NAVAID USED IN THE FIX DESCRIPTION	FIX_NAV.csv	NAV_ID	
FIX.txt	FIX2	67	LOCATION-IDENTIFIER, FACILITY TYPE, AND RADIAL OR BEARING / DME DISTANCE OF NAVAID USED IN THE FIX DESCRIPTION	FIX_NAV.csv	NAV_TYPE	
FIX.txt	FIX2	67	LOCATION-IDENTIFIER, FACILITY TYPE, AND RADIAL OR BEARING / DME DISTANCE OF NAVAID USED IN THE FIX DESCRIPTION	FIX_NAV.csv	BEARING	
FIX.txt	FIX2	67	LOCATION-IDENTIFIER, FACILITY TYPE, AND RADIAL OR BEARING / DME DISTANCE OF NAVAID USED IN THE FIX DESCRIPTION	FIX_NAV.csv	DISTANCE	
FIX.txt	FIX2	90	BLANKS	N/A	N/A	

FIX.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
FIX.txt	FIX3	1	RECORD TYPE INDICATOR. FIX3: FIX ILS MAKEUP TEXT	N/A	N/A	
FIX.txt	FIX3	5	RECORD IDENTIFIER (FIX NAME)	FIX_NAV.csv	FIX_ID	
FIX.txt	FIX3	35	RECORD IDENTIFIER (FIX STATE NAME)	N/A	N/A	See State_Code
FIX.txt	FIX3	65	ICAO REGION CODE	FIX_NAV.csv	ICAO_REGION_CODE	
FIX.txt	FIX3	67	3 OR 4 LETTER IDENT*FACILITY TYPE*DIRECTION OR COURSE OF ILS COMPONENT USED IN FIX DESCRIPTION	FIX_NAV.csv	NAV_ID	
FIX.txt	FIX3	67	3 OR 4 LETTER IDENT*FACILITY TYPE*DIRECTION OR COURSE OF ILS COMPONENT USED IN FIX DESCRIPTION	FIX_NAV.csv	NAV_TYPE	
FIX.txt	FIX3	67	3 OR 4 LETTER IDENT*FACILITY TYPE*DIRECTION OR COURSE OF ILS COMPONENT USED IN FIX DESCRIPTION	FIX_NAV.csv	BEARING	
FIX.txt	FIX3	67	3 OR 4 LETTER IDENT*FACILITY TYPE*DIRECTION OR COURSE OF ILS COMPONENT USED IN FIX DESCRIPTION	FIX_NAV.csv	DISTANCE	
FIX.txt	FIX3	90	BLANKS	N/A	N/A	
FIX.txt	FIX4	1	RECORD TYPE INDICATOR. FIX4: REMARKS TEXT	N/A	N/A	FIX REMARKS no longer utilized
FIX.txt	FIX4	5	RECORD IDENTIFIER (FIX NAME)	N/A	N/A	
FIX.txt	FIX4	35	RECORD IDENTIFIER (FIX STATE NAME)	N/A	N/A	
FIX.txt	FIX4	65	ICAO REGION CODE	N/A	N/A	
FIX.txt	FIX4	67	FIELD LABEL	N/A	N/A	
FIX.txt	FIX4	167	REMARK TEXT	N/A	N/A	
FIX.txt	FIX5	1	RECORD TYPE INDICATOR. FIX5: CHARTING TYPES	N/A	N/A	
FIX.txt	FIX5	5	RECORD IDENTIFIER (FIX NAME)	FIX_CHRT.csv	FIX_ID	
FIX.txt	FIX5	35	RECORD IDENTIFIER (FIX STATE NAME)	N/A	N/A	See State_Code
FIX.txt	FIX5	65	ICAO REGION CODE	FIX_CHRT.csv	ICAO_REGION_CODE	
FIX.txt	FIX5	67	CHART ON WHICH FIX IS TO BE DEPICTED	FIX_CHRT.csv	CHARTING_TYPE_DESC	
FIX.txt	FIX5	89	BLANKS	N/A	N/A	

FSS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	FSS_BASE.CSV, FSS_RMK.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
FSS.txt	FSS.txt	1	RECORD IDENTIFIER	FSS_BASE.CSV, FSS_RMK.csv	FSS_ID	
FSS.txt	FSS.txt	5	NAME OF FSS	FSS_BASE.CSV, FSS_RMK.csv	NAME	
FSS.txt	FSS.txt	31	FSS-UPDATE-DATE - LAST DATE ON WHICH THE RECORD WAS UPDATED	FSS_BASE.CSV	UPDATE_DATE	
FSS.txt	FSS.txt	42	SITE NUMBER OF ASSOCIATED AIRPORT	N/A	N/A	see APT_BASE.csv
FSS.txt	FSS.txt	53	AIRPORT NAME(FSS ON ARPT)	N/A	N/A	see APT_BASE.csv
FSS.txt	FSS.txt	103	AIRPORT ASSOCIATED CITY(FSS ON ARPT)	FSS_BASE.CSV, FSS_RMK.csv	CITY	
FSS.txt	FSS.txt	129	AIRPORT ASSOCIATED STATE(FSS ON ARPT)	FSS_BASE.CSV, FSS_RMK.csv	STATE_CODE	
N/A	N/A	N/A	N/A	FSS_BASE.CSV, FSS_RMK.csv	COUNTRY_CODE	Country Post Office Code FSS Located
FSS.txt	FSS.txt	149	AIRPORT LATITUDE(FSS ON ARPT)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_DEG	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_MIN	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_SEC	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_HEMIS	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_DECIMAL	Flight Service Station Latitude in Decimal Format
FSS.txt	FSS.txt	163	AIRPORT LONGITUDE(FSS ON ARPT)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_DEG	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_MIN	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_SEC	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_HEMIS	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_DECIMAL	Flight Service Station Longitude in Decimal Format
FSS.txt	FSS.txt	177	FACILITY TYPES:	FSS_BASE.CSV	FSS_FAC_TYPE	
FSS.txt	FSS.txt	185	FACILITY IDENTIFIER: FSS NAME AND FSS VOICE CALL	FSS_BASE.CSV	VOICE_CALL	FSS Voice Call
FSS.txt	FSS.txt	211	FSS OWNER CODE	N/A	N/A	
FSS.txt	FSS.txt	212	FSS OWNER NAME	N/A	N/A	
FSS.txt	FSS.txt	281	FSS OPERATOR CODE	N/A	N/A	
FSS.txt	FSS.txt	282	FSS OPERATOR NAME	N/A	N/A	
FSS.txt	FSS.txt	351	PRIMARY FSS FREQUENCIES USED	N/A	N/A	See FRQ.csv
FSS.txt	FSS.txt	2751	FSS HOURS OF OPERATION	FSS_BASE.CSV	OPR_HOURS	
FSS.txt	FSS.txt	2851	STATUS OF FACILITY	FSS_BASE.CSV	FAC_STATUS	
FSS.txt	FSS.txt	2871	NAME OF FSS WITH CIRCUIT B TELETYPE CAPABLE OF TRANSMITTING/RECEIVING FLIGHT PLAN MESSAGES WHERE THE RECORD FACILITY DOES NOT HAVE THIS CAPABILITY	FSS_BASE.CSV	ALTERNATE_FSS	
FSS.txt	FSS.txt	2874	COMMUNICATIONS OUTLET IDENTIFICATION	N/A	N/A	See COM.csv
FSS.txt	FSS.txt	3434	NAVAID IDENTIFIER AND NAVAID FACILITY TYPE OF ASSOCIATED NAVAID	N/A	N/A	See NAV_BASE.csv
FSS.txt	FSS.txt	3959	RESERVED(WAS F23--9/27/83)	N/A	N/A	
FSS.txt	FSS.txt	3979	AVAILABILITY OF WEATHER RADAR	FSS_BASE.CSV	WEA_RADAR_FLAG	
FSS.txt	FSS.txt	3980	ENROUTE FLIGHT ADVISORY SERVICE (EFAS) AVAILABLE (ALSO CALLED FLIGHT WATCH)	N/A	N/A	
FSS.txt	FSS.txt	3990	FLIGHT WATCH HOURS OF OPERATION	N/A	N/A	
FSS.txt	FSS.txt	4040	CITY, WHEN FSS IS NOT ON AIRPORT(SEE F6)	FSS_BASE.CSV	CITY	
FSS.txt	FSS.txt	4066	STATE, WHEN FSS IS NOT ON AIRPORT(SEE F6)	FSS_BASE.CSV	STATE_CODE	
FSS.txt	FSS.txt	4086	LATITUDE, WHEN FSS IS NOT ON AIRPORT(SEE F6)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_DEG	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_MIN	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_SEC	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_HEMIS	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LAT_DECIMAL	Flight Service Station Latitude in Decimal Format
FSS.txt	FSS.txt	4100	LONGITUDE, WHEN FSS IS NOT ON AIRPORT(SEE F6)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_DEG	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_MIN	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_SEC	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_HEMIS	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	LONG_DECIMAL	Flight Service Station Longitude in Decimal Format

FSS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
FSS.txt	FSS.txt	4114	REGION, WHEN FSS IS NOT ON AIRPORT(SEE F6)	N/A	N/A	
FSS.txt	FSS.txt	4117	RESERVED	N/A	N/A	
FSS.txt	FSS.txt	4120	AIRPORT ADVISORY FREQUENCIES	N/A	N/A	See FRQ.csv
FSS.txt	FSS.txt	4240	FREQUENCY ON WHICH VOLMET METEOROLOGICAL BROADCASTS ARE TRANSMITTED	N/A	N/A	
FSS.txt	FSS.txt	4360	VOLMET SCHEDULE OF OPERATION	N/A	N/A	
FSS.txt	FSS.txt	4600	TYPE OF DIRECTION FINDING (DF) EQUIPMENT	N/A	N/A	
FSS.txt	FSS.txt	4630	LATITUDE OF DIRECTION FINDING (DF) EQUIPMENT	N/A	N/A	
FSS.txt	FSS.txt	4644	LONGITUDE OF DIRECTION FINDING (DF) EQUIPMENT	N/A	N/A	
FSS.txt	FSS.txt	4658	LOW ALTITUDE ENROUTE CHART NUMBER THAT THE FSS IS LOCATED ON	N/A	N/A	
FSS.txt	FSS.txt	4698	TELEPHONE NUMBER USED TO REACH FSS	FSS_BASE.CSV	PHONE_NO	
N/A	N/A	N/A	N/A	FSS_BASE.CSV	TOLL_FREE_NO	Toll Free Telephone Number used to reach FSS.
FSS.txt	FSS.txt	4710	RESERVED	N/A	N/A	
FSS.txt	FSS.txt	4760	FLIGHT SERVICE STATION REMARKS	FSS_RMK.CSV	REMARK	
N/A	N/A	N/A	N/A	FSS_RMK.CSV	REF_COL_NAME	NASR Column name associated with Remark. Non-specific remarks identified as GENERAL_REMARK.
N/A	N/A	N/A	N/A	FSS_RMK.CSV	REF_COL_SEQ_NO	Sequence number assigned to Reference Column Remark
FSS.txt	FSS.txt	5810	CITY FACILITY LOCATED IN (NOT USED WHEN COLOCATED WITH NAVAID)	N/A	N/A	
FSS.txt	FSS.txt	6590	STATE FACILITY LOCATED IN (NOT USED WHEN COLOCATED WITH NAVAID)	N/A	N/A	
FSS.txt	FSS.txt	7190	GEOGRAPHICAL LATITUDE OF COMMUNICATION FACILITY (NOT USED WHEN COLOCATED WITH NAVAID)	N/A	N/A	
FSS.txt	FSS.txt	7610	GEOGRAPHICAL LONGITUDE OF COMMUNICATION FACILITY (NOT USED WHEN COLOCATED WITH NAVAID)	N/A	N/A	
FSS.txt	FSS.txt	8030	FACILITY OWNER CODE	N/A	N/A	
FSS.txt	FSS.txt	8070	FACILITY OWNER NAME	N/A	N/A	
FSS.txt	FSS.txt	10830	FACILITY OPERATOR CODE	N/A	N/A	
FSS.txt	FSS.txt	10870	FACILITY OPERATOR NAME	N/A	N/A	
FSS.txt	FSS.txt	13630	FSS ASSOCIATED WITH THE COMMUNICATION FACILITY	N/A	N/A	
FSS.txt	FSS.txt	13790	FREQUENCIES USED BY THE COMMUNICATION FACILITY	N/A	N/A	
FSS.txt	FSS.txt	14330	OPERATIONAL HOURS OF THE COMMUNICATION FACILITY	N/A	N/A	
FSS.txt	FSS.txt	15130	STATUS OF COMMUNICATION FACILITY	N/A	N/A	
FSS.txt	FSS.txt	15930	COMMUNICATION FACILITY STATUS DATE	N/A	N/A	
FSS.txt	FSS.txt	16260	NAVAID IDENTIFIER*FACT TYPE - WHEN COLOCATED	N/A	N/A	
FSS.txt	FSS.txt	16400	LOW ALITUDE ENROUTE CHART THAT THE COMMUNICATION FACILITY IS LOCATED ON	N/A	N/A	
FSS.txt	FSS.txt	16460	STANDARD TIME ZONE THAT THE COMMUNICATION IS LOCATED IN	N/A	N/A	
FSS.txt	FSS.txt	16500	COMMUNICATION REMARKS	N/A	N/A	
FSS.txt	FSS.txt	17550	DATE INFORMATION EXTRACTED	N/A	N/A	



HPF.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
HPF.txt	HP1	1	RECORD TYPE INDICATOR. HP1: BASE HP DATA	N/A	N/A	
HPF.txt	HP1	5	HOLDING PATTERN NAME (NAVAID NAME FACILITY CODE) OR (FIX NAME FIX TYPE*STATE CODE*ICAO REGION CODE)	HPF_BASE.csv	HP_NAME	
HPF.txt	HP1	85	PATTERN NUMBER TO UNIQUELY IDENTIFY HOLDING PATTERN	HPF_BASE.csv	HP_NO	
HPF.txt	HP1	88	HOLDING PATTERN EFFECTIVE DATE	HPF_BASE.csv, HPF_CHRT.csv, HPF_RMK.csv, HPF_SPD_ALT	EFF_DATE	
N/A	N/A	N/A	N/A	HPF_BASE.csv, HPF_CHRT.csv, HPF_RMK.csv, HPF_SPD_ALT	STATE_CODE	Associated State Post Office Code standard two letter abbreviation for US States and Territories.
N/A	N/A	N/A	N/A	HPF_BASE.csv, HPF_CHRT.csv, HPF_RMK.csv, HPF_SPD_ALT	COUNTRY_CODE	Country Post Office Code
N/A	N/A	N/A	N/A	HPF_BASE.csv	ICAO_REGION_CODE	ICAO Region Code of the Fix with which the Holding is Associated.
HPF.txt	HP1	99	DIRECTION OF HOLDING ON THE NAVAID OR FIX	HPF_BASE.csv	HOLD_DIRECTION	
HPF.txt	HP1	102	MAGNETIC BEARING OR RADIAL (DEGREES) OF HOLDING	HPF_BASE.csv	HOLD_DEG_OR_CRS	
HPF.txt	HP1	105	AZIMUTH (DEGREES SHOWN ABOVE IS A RADIAL, COURSE, BEARING, OR RNAV TRACK	HPF_BASE.csv	AZIMUTH	
HPF.txt	HP1	110	IDENTIFIER OF ILS FACILITY USED TO PROVIDE COURSE FOR HOLDING	HPF_BASE.csv	NAV_ID, NAV_TYPE	HPF.txt concatenates these two fields with * between. HPF_BASE.csv has them as separate columns.
HPF.txt	HP1	117	IDENTIFIER OF NAVAID FACILITY USED TO PROVIDE RADIAL OR BEARING FOR HOLDING	HPF_BASE.csv	NAV_ID, NAV_TYPE	HPF.txt concatenates these two fields with * between. HPF_BASE.csv has them as separate columns. HPF.txt uses one letter code for NAV_TYPE.
HPF.txt	HP1	124	ADDITIONAL FACILITY USED IN HOLDING PATTERN MAKE-UP	N/A	N/A	
HPF.txt	HP1	136	INBOUND COURSE	HPF_BASE.csv	COURSE_INBOUND_DEG	
HPF.txt	HP1	139	TURNING DIRECTION	HPF_BASE.csv	TURN_DIRECTION	
N/A	N/A	N/A	N/A	HPF_SPD_ALT.csv	SPEED_RANGE	Speed Range for Holding Altitude of Record.
HPF.txt	HP1	142	HOLDING ALTITUDES FOR ALL AIRCRAFT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='ALL'
HPF.txt	HP1	149	HOLDING ALT 170-175 KT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='170/175'
HPF.txt	HP1	156	HOLDING ALT 200-230 KT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='200/230'
HPF.txt	HP1	163	HOLDING ALT 265 KT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='265'
HPF.txt	HP1	170	HOLDING ALT 280 KT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='280'
HPF.txt	HP1	177	HOLDING ALT 310 KT	HPF_SPD_ALT.csv	ALTITUDE	For Case when SPEED_RANGE='310'
HPF.txt	HP1	184	FIX WITH WHICH HOLDING IS ASSOCIATED (FIX ID*STATE CODE*ICAO REGION CODE)	HPF_BASE.csv	FIX_ID, STATE_CODE, ICAO_REGION_CODE	HPF.txt concatenates these three fields with * between. HPF_BASE.csv has them as separate columns.
HPF.txt	HP1	220	ARTCC ASSOCIATED WITH FIX	N/A	N/A	
HPF.txt	HP1	223	LATITUDE OF THE ASSOCIATED FIX	N/A	N/A	
HPF.txt	HP1	237	LONGITUDE OF THE ASSOCIATED FIX	N/A	N/A	
HPF.txt	HP1	251	HIGH ROUTE ARTCC ASSOCIATED WITH NAVAID	N/A	N/A	
HPF.txt	HP1	254	LOW ROUTE ARTCC ASSOCIATED WITH NAVAID	N/A	N/A	
HPF.txt	HP1	257	LATITUDE OF THE ASSOCIATED NAVAID	N/A	N/A	
HPF.txt	HP1	271	LONGITUDE OF THE ASSOCIATED NAVAID	N/A	N/A	
HPF.txt	HP1	285	LEG LENGTH OUTBOUND (TWO SUBFIELDS – SEPARATED BY A SLASH TIME(MINS) 5 CHARACTERS / DME(NM) 2 CHARACTERS)	HPF_BASE.csv	LEG_LENGTH_DIST	
HPF.txt	HP1	293	BLANKS	N/A	N/A	
HPF.txt	HP2	1	RECORD TYPE INDICATOR. HP2: CHART TYPES	N/A	N/A	
HPF.txt	HP2	5	HOLDING PATTERN NAME (NAVAID NAME FACILITY TYPE*ST CODE) OR (FIX NAME FIX TYPE*STATE CODE*ICAO REGION CODE)	HPF_CHRT.csv	HP_NAME	
HPF.txt	HP2	85	PATTERN NUMBER TO UNIQUELY IDENTIFY HOLDING PATTERN	HPF_CHRT.csv	HP_NO	
HPF.txt	HP2	88	CHARTING DESCRIPTION	HPF_CHRT.csv	CHARTING_TYPE_DESC	
HPF.txt	HP2	110	BLANKS	N/A	N/A	
HPF.txt	HP3	1	RECORD TYPE INDICATOR. HP3: OTHER ALTITUDE SPEED INFORMATION	N/A	N/A	
HPF.txt	HP3	5	HOLDING PATTERN NAME (NAVAID NAME FACILITY TYPE*ST CODE) OR (FIX NAME FIX TYPE*STATE CODE*ICAO REGION CODE)	HPF_SPD_ALT.csv	HP_NAME	
HPF.txt	HP3	85	PATTERN NUMBER TO UNIQUELY IDENTIFY HOLDING PATTERN	HPF_SPD_ALT.csv	HP_NO	
HPF.txt	HP3	88	HOLDING ALTITUDES * SPEEDS OTHER THAN ONES SHOWN IN HP1 RECORD	HPF_SPD_ALT.csv	ALTITUDE, SPEED_RANGE	HPF.txt concatenates these two fields with * between. HPF_BASE.csv has them as separate columns.
HPF.txt	HP3	103	BLANKS	N/A	N/A	
HPF.txt	HP4	1	RECORD TYPE INDICATOR. HP4: REMARKS TEXT	N/A	N/A	
HPF.txt	HP4	5	HOLDING PATTERN NAME (NAVAID NAME FACILITY TYPE*ST CODE) OR (FIX NAME FIX TYPE*STATE CODE*ICAO REGION CODE)	HPF_RMK.csv	HP_NAME	
HPF.txt	HP4	85	PATTERN NUMBER TO UNIQUELY IDENTIFY HOLDING PATTERN	HPF_RMK.csv	HP_NO	

HPF.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	HPF_RMK.csv	TAB_NAME	NASR Table that the Remark pertains to
HPF.txt	HP4	88	FIELD LABEL GENERAL FOR GENERAL REMARK, <FIELD LABEL> FOR HP FIELD	HPF_RMK.csv	REF_COL_NAME	
N/A	N/A	N/A	N/A	HPF_RMK.csv	REF_COL_SEQ_NO	Sequence number used as part of the unique key for the HPF_RMK.csv file
HPF.txt	HP4	188	DESCRIPTIVE REMARKS	HPF_RMK.csv	REMARK	

ILS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ILS.TXT	ILS1	1	RECORD TYPE INDICATOR. Main ILS Data	N/A	N/A	N/A
ILS.TXT	ILS1	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_BASE.csv	SITE_NO	
ILS.TXT	ILS1	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_BASE.csv	SITE_TYPE_CODE	
ILS.TXT	ILS1	16	ILS RUNWAY END IDENTIFIER.	ILS_BASE.csv	RWY_END_ID	
ILS.TXT	ILS1	19	ILS SYSTEM TYPE	ILS_BASE.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS1	29	IDENTIFICATION CODE OF ILS. (ID IS PREFIXED BY I-).	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	ILS_ID	ID is not Prefixed with "I-" in CSVs
ILS.TXT	ILS1	35	INFORMATION EFFECTIVE DATE (MM/DD/YYYY)	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	EFF_DATE	
ILS.TXT	ILS1	45	AIRPORT NAME.	N/A	N/A	
ILS.TXT	ILS1	95	ASSOCIATED CITY.	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	CITY	
ILS.TXT	ILS1	135	TWO LETTER POST OFFICE CODE FOR THE STATE.	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	STATE_CODE	
ILS.TXT	ILS1	137	STATE NAME.	ILS_BASE.csv	STATE_NAME	
N/A	N/A	N/A	N/A	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	COUNTRY_CODE	Country Post Office Code Airport Located
ILS.TXT	ILS1	157	FAA REGION CODE.	ILS_BASE.csv	REGION_CODE	
ILS.TXT	ILS1	160	AIRPORT IDENTIFIER.	ILS_BASE.csv, ILS_GS.csv, ILS_DME.csv, ILS_MKR.csv, ILS_RMK.csv	ARPT_ID	
ILS.TXT	ILS1	164	ILS RUNWAY LENGTH IN WHOLE FEET.	ILS_BASE.csv	RWY_LEN	
ILS.TXT	ILS1	169	ILS RUNWAY WIDTH IN WHOLE FEET.	ILS_BASE.csv	RWY_WIDTH	
ILS.TXT	ILS1	173	CATEGORY OF THE ILS. (I,II,IIIA)	ILS_BASE.csv	CATEGORY	
ILS.TXT	ILS1	182	NAME OF OWNER OF THE FACILITY.	N/A	N/A	
N/A	N/A	N/A	N/A	ILS_BASE.csv	OWNER	A Concatenation of the ILS OWNER CODE - ILS OWNER NAME
ILS.TXT	ILS1	232	NAME OF THE ILS FACILITY OPERATOR.	N/A	N/A	
N/A	N/A	N/A	N/A	ILS_BASE.csv	OPERATOR	A Concatenation of the ILS OPERATOR CODE - ILS OPERATOR NAME
ILS.TXT	ILS1	282	ILS APPROACH BEARING IN DEGREES MAGNETIC.	ILS_BASE.csv	APCH_BEAR	
ILS.TXT	ILS1	288	THE MAGNETIC VARIATION AT THE ILS FACILITY.	ILS_BASE.csv	MAG_VAR	
ILS.TXT	ILS1	288	THE MAGNETIC VARIATION AT THE ILS FACILITY.	ILS_BASE.csv	MAG_VAR_HEMIS	
ILS.TXT	ILS2	291	BLANK.	N/A	N/A	
ILS.TXT	ILS2	1	RECORD TYPE INDICATOR. ILS Localizer Component	N/A	N/A	
ILS.TXT	ILS2	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_BASE.csv	SITE_NO	
ILS.TXT	ILS2	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_BASE.csv	SITE_TYPE_CODE	
ILS.TXT	ILS2	16	ILS RUNWAY END IDENTIFIER.	ILS_BASE.csv	RWY_END_ID	
ILS.TXT	ILS2	19	ILS SYSTEM TYPE (SEE ILS1 RECORD TYPE FOR LIST)	ILS_BASE.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS2	29	OPERATIONAL STATUS OF LOCALIZER	ILS_BASE.csv	COMPONENT_STATUS	
ILS.TXT	ILS2	51	EFFECTIVE DATE OF LOCALIZER OPERATIONAL STATUS.	ILS_BASE.csv	COMPONENT_STATUS_DATE	
ILS.TXT	ILS2	61	LATITUDE OF LOCALIZER ANTENNA.(FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LAT_DECIMAL	Localizer Latitude in Decimal Format
ILS.TXT	ILS2	75	LATITUDE OF LOCALIZER ANTENNA.(ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS2	86	LONGITUDE OF LOCALIZER ANTENNA.(FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ILS_BASE.csv	LONG_DECIMAL	Localizer Longitude in Decimal Format
ILS.TXT	ILS2	100	LONGITUDE OF LOCALIZER ANTENNA.(ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.

ILS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ILS.TXT	ILS2	111	CODE INDICATING SOURCE OF LATITUDE/LONGITUDE INFORMATION	ILS_BASE.csv	LAT_LONG_SOURCE_CODE	
ILS.TXT	ILS2	113	DISTANCE OF LOCALIZER ANTENNA	N/A	N/A	
ILS.TXT	ILS2	120	DISTANCE OF LOCALIZER ANTENNA FROM RUNWAY CENTERLINE (FEET)	N/A	N/A	
ILS.TXT	ILS2	124	DIRECTION OF LOCALIZER ANTENNA FROM RUNWAY CENTERLINE .	N/A	N/A	
ILS.TXT	ILS2	125	CODE INDICATING SOURCE OF DISTANCE	N/A	N/A	
ILS.TXT	ILS2	127	SITE ELEVATION OF LOCALIZER ANTENNA	ILS_BASE.csv	SITE_ELEVATION	
ILS.TXT	ILS2	134	LOCALIZER FREQUENCY (MHZ).	ILS_BASE.csv	LOC_FREQ	
ILS.TXT	ILS2	141	LOCALIZER BACK COURSE STATUS	ILS_BASE.csv	BK_COURSE_STATUS_CODE	
ILS.TXT	ILS2	156	LOCALIZER COURSE WIDTH.	N/A	N/A	
ILS.TXT	ILS2	161	LOCALIZER COURSE WIDTH AT THRESHOLD.	N/A	N/A	
ILS.TXT	ILS2	168	LOCALIZER DISTANCE FROM STOP END OF RWY. (FEET)	N/A	N/A	
ILS.TXT	ILS2	175	LOCALIZER DIRECTION FROM STOP END OF RWY.	N/A	N/A	
ILS.TXT	ILS2	176	LOCALIZER SERVICES CODE	N/A	N/A	
ILS.TXT	ILS2	178	BLANK.	N/A	N/A	
ILS.TXT	ILS3	1	RECORD TYPE INDICATOR. ILS Glide Slope Component	N/A	N/A	
ILS.TXT	ILS3	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_GS.csv	SITE_NO	
ILS.TXT	ILS3	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_GS.csv	SITE_TYPE_CODE	
ILS.TXT	ILS3	16	ILS RUNWAY END IDENTIFIER.	ILS_GS.csv	RWY_END_ID	
ILS.TXT	ILS3	19	ILS SYSTEM TYPE (SEE ILS1 RECORD TYPE FOR LIST)	ILS_GS.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS3	29	OPERATIONAL STATUS OF GLIDE SLOPE	ILS_GS.csv	COMPONENT_STATUS	
ILS.TXT	ILS3	51	EFFECTIVE DATE OF GLIDE SLOPE OPERATIONAL STATUS.	ILS_GS.csv	COMPONENT_STATUS_DATE	
ILS.TXT	ILS3	61	LATITUDE OF GLIDE SLOPE TRANSMITTER ANTENNA. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_GS.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ILS_GS.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ILS_GS.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ILS_GS.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ILS_GS.csv	LAT_DECIMAL	Glide Slope Transmitter Antenna Latitude in Decimal Format
ILS.TXT	ILS3	75	LATITUDE OF GLIDE SLOPE TRANSMITTER ANTENNA. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS3	86	LONGITUDE OF GLIDE SLOPE TRANSMITTER ANTENNA. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_GS.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ILS_GS.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ILS_GS.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ILS_GS.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ILS_GS.csv	LONG_DECIMAL	Glide Slope Transmitter Antenna Longitude in Decimal Format
ILS.TXT	ILS3	100	LONGITUDE OF GLIDE SLOPE TRANSMITTER ANTENNA. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS3	111	CODE INDICATING SOURCE OF LATITUDE/LONGITUDE INFORMATION	ILS_GS.csv	LAT_LONG_SOURCE_CODE	
ILS.TXT	ILS3	113	DISTANCE OF GLIDE SLOPE TRANSMITTER ANTENNA FROM APPROACH END OF RUNWAY.(FEET)	N/A	N/A	
ILS.TXT	ILS3	120	DISTANCE OF GLIDE SLOPE TRANSMITTER ANTENNA FROM RUNWAY CENTERLINE (FEET).	N/A	N/A	
ILS.TXT	ILS3	124	DIRECTION OF GLIDE SLOPE TRANSMITTER ANTENNA FROM RUNWAY CENTERLINE .	N/A	N/A	
ILS.TXT	ILS3	125	CODE INDICATING SOURCE OF DISTANCE	N/A	N/A	
ILS.TXT	ILS3	127	SITE ELEVATION OF GLIDE SLOPE TRANSMITTER ANTENNA	ILS_GS.csv	SITE_ELEVATION	
ILS.TXT	ILS3	134	GLIDE SLOPE CLASS/TYPE.	ILS_GS.csv	G_S_TYPE_CODE	
ILS.TXT	ILS3	149	GLIDE SLOPE ANGLE IN DEGREES AND HUNDREDTHS OF DEGREE.	ILS_GS.csv	G_S_ANGLE	
ILS.TXT	ILS3	154	GLIDE SLOPE TRANSMISSION FREQUENCY.	ILS_GS.csv	G_S_FREQ	
ILS.TXT	ILS3	161	ELEVATION OF RUNWAY AT POINT ADJACENT TO THE GLIDE SLOPE ANTENNA	N/A	N/A	
ILS.TXT	ILS3	169	BLANK.	N/A	N/A	
ILS.TXT	ILS4	1	RECORD TYPE INDICATOR. ILS DME Component	N/A	N/A	
ILS.TXT	ILS4	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_DME.csv	SITE_NO	
ILS.TXT	ILS4	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_DME.csv	SITE_TYPE_CODE	
ILS.TXT	ILS4	16	ILS RUNWAY END IDENTIFIER.	ILS_DME.csv	RWY_END_ID	

ILS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ILS.TXT	ILS4	19	ILS SYSTEM TYPE (SEE ILS1 RECORD TYPE FOR LIST)	ILS_DME.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS4	29	OPERATIONAL STATUS OF DME	ILS_DME.csv	COMPONENT_STATUS	
ILS.TXT	ILS4	51	EFFECTIVE DATE OF DME OPERATIONAL STATUS.	ILS_DME.csv	COMPONENT_STATUS_DATE	
ILS.TXT	ILS4	61	LATITUDE OF DME TRANSPONDER ANTENNA. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_DME.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ILS_DME.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ILS_DME.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ILS_DME.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ILS_DME.csv	LAT_DECIMAL	DME Transponder Antenna Latitude in Decimal Format
ILS.TXT	ILS4	75	LATITUDE OF DME TRANSPONDER ANTENNA. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS4	86	LONGITUDE OF DME TRANSPONDER ANTENNA. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_DME.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ILS_DME.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ILS_DME.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ILS_DME.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ILS_DME.csv	LONG_DECIMAL	DME Transponder Antenna Longitude in Decimal Format
ILS.TXT	ILS4	100	LONGITUDE OF DME TRANSPONDER ANTENNA. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS4	111	CODE INDICATING SOURCE OF LATITUDE/LONGITUDE	ILS_DME.csv	LAT_LONG_SOURCE_CODE	
ILS.TXT	ILS4	113	DISTANCE OF DME TRANSMITTER ANTENNA FROM APPROACH END OF RUNWAY.(FEET)	N/A	N/A	
ILS.TXT	ILS4	120	DISTANCE OF DME TRANSPONDER ANTENNA FROM RUNWAY CENTERLINE (FEET).	N/A	N/A	
ILS.TXT	ILS4	124	DIRECTION OF DME TRANSPONDER ANTENNA FROM RUNWAY CENTERLINE .	N/A	N/A	
ILS.TXT	ILS4	125	CODE INDICATING SOURCE OF DISTANCE INFORMATION	N/A	N/A	
ILS.TXT	ILS4	127	SITE ELEVATION OF DME TRANSPONDER ANTENNA	ILS_DME.csv	SITE_ELEVATION	
ILS.TXT	ILS4	134	CHANNEL ON WHICH DISTANCE DATA IS TRANSMITTED.	ILS_DME.csv	CHANNEL	
ILS.TXT	ILS4	138	DISTANCE OF DME ANTENNA FROM STOP END OF RUNWAY.	N/A	N/A	
ILS.TXT	ILS4	145	BLANK.	N/A	N/A	
ILS.TXT	ILS5	1	RECORD TYPE INDICATOR. ILS Marker Beacon Component	N/A	N/A	
ILS.TXT	ILS5	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_MKR.csv	SITE_NO	
ILS.TXT	ILS5	5	AIRPORT SITE NUMBER IDENTIFIER.	ILS_MKR.csv	SITE_TYPE_CODE	
ILS.TXT	ILS5	16	ILS RUNWAY END IDENTIFIER.	ILS_MKR.csv	RWY_END_ID	
ILS.TXT	ILS5	19	ILS SYSTEM TYPE (SEE ILS1 RECORD TYPE FOR LIST)	ILS_MKR.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS5	29	MARKER TYPE (IM - INNER MARKER, MM - MIDDLE MARKER, OM - OUTER MARKER)	ILS_MKR.csv	ILS_COMP_TYPE_CODE	
ILS.TXT	ILS5	31	OPERATIONAL STATUS OF MARKER BEACON	ILS_MKR.csv	COMPONENT_STATUS	
ILS.TXT	ILS5	53	EFFECTIVE DATE OF MARKER BEACON OPERATIONAL STATUS.	ILS_MKR.csv	COMPONENT_STATUS_DATE	
ILS.TXT	ILS5	63	LATITUDE OF MARKER BEACON. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_MKR.csv	LAT_DEG	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LAT_MIN	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LAT_SEC	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LAT_DECIMAL	Marker Beacon Latitude in Decimal Format
ILS.TXT	ILS5	77	LATITUDE OF MARKER BEACON. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS5	88	LONGITUDE OF MARKER BEACON. (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	ILS_MKR.csv	LONG_DEG	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LONG_MIN	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LONG_SEC	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	ILS_MKR.csv	LONG_DECIMAL	Marker Beacon Longitude in Decimal Format
ILS.TXT	ILS5	102	LONGITUDE OF MARKER BEACON. (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
ILS.TXT	ILS5	113	CODE INDICATING SOURCE OF LATITUDE/LONGITUDE INFORMATION	ILS_MKR.csv	LAT_LONG_SOURCE_CODE	
ILS.TXT	ILS5	115	DISTANCE OF MARKER BEACON FROM APPROACH END OF RUNWAY.(FEET)	N/A	N/A	
ILS.TXT	ILS5	122	DISTANCE OF MARKER BEACON FROM RUNWAY CENTERLINE (FEET).	N/A	N/A	
ILS.TXT	ILS5	126	DIRECTION OF MARKER BEACON FROM RUNWAY CENTERLINE .	N/A	N/A	
ILS.TXT	ILS5	127	CODE INDICATING SOURCE OF DISTANCE	N/A	N/A	

ILS.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
ILS.TXT	ILS5	129	SITE ELEVATION OF MARKER BEACON	ILS_MKR.csv	SITE_ELEVATION	
ILS.TXT	ILS5	136	FACILITY/TYPE OF MARKER/LOCATOR.	ILS_MKR.csv	MKR_FAC_TYPE_CODE	
ILS.TXT	ILS5	151	LOCATION IDENTIFIER OF BEACON AT MARKER.	ILS_MKR.csv	MARKER_ID_BEACON	
ILS.TXT	ILS5	153	NAME OF THE MARKER LOCATOR BEACON.	ILS_MKR.csv	COMPASS_LOCATOR_NAME	
ILS.TXT	ILS5	183	FREQUENCY OF LOCATOR BEACON AT MIDDLE MARKER IN KHZ.(EX: 190)	ILS_MKR.csv	FREQ	
ILS.TXT	ILS5	186	LOCATION IDENTIFIER*NAVAID TYPE OF NAVIGATION AID COLOCATED WITH MARKER	ILS_MKR.csv	NAV_ID	
ILS.TXT	ILS5	211	LOW POWERED NDB STATUS OF MARKER BEACON	ILS_MKR.csv	LOW_POWERED_NDB_STATUS	
ILS.TXT	ILS5	233	SERVICE PROVIDED BY MARKER.	N/A	N/A	
ILS.TXT	ILS5	263	BLANK.	N/A	N/A	
ILS.TXT	ILS6	1	RECORD TYPE INDICATOR. Remark Pertaining to ILS	N/A	N/A	
ILS.TXT	ILS6	5	AIRPORT SITE NUMBER IDENTIFIER	ILS_RMK.csv	SITE_NO	
ILS.TXT	ILS6	5	AIRPORT SITE NUMBER IDENTIFIER	ILS_RMK.csv	SITE_TYPE_CODE	
ILS.TXT	ILS6	16	ILS RUNWAY END IDENTIFIER.	ILS_RMK.csv	RWY_END_ID	
ILS.TXT	ILS6	19	ILS SYSTEM TYPE (SEE ILS1 RECORD FOR DESCRIPTION)	ILS_RMK.csv	SYSTEM_TYPE_CODE	
ILS.TXT	ILS6	29	ILS REMARKS, FREE-FORM TEXT.	ILS_RMK.csv	REMARK	
N/A	N/A	N/A	N/A	ILS_RMK.csv	TAB_NAME	NASR table associated with Remark.
N/A	N/A	N/A	N/A	ILS_RMK.csv	ILS_COMP_TYPE_CODE	TAB_NAME with the Exception of ILS will designate a specific Component Type that the Remark refers to.
N/A	N/A	N/A	N/A	ILS_RMK.csv	REF_COL_NAME	NASR Column name associated with Remark. Non-specific remarks are identified as GENERAL_REMARK.
N/A	N/A	N/A	N/A	ILS_RMK.csv	REF_COL_SEQ_NO	Sequence number assigned to Reference Column Remark.

LID.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	LID.csv	COUNTRY_CODE	Country Post Office Code Facility Located
LID.txt	USA	1	IDENTIFIER GROUP SORT CODE	N/A	N/A	
LID.txt	USA	2	IDENTIFIER GROUP CODE. Facilities and Services within the United States	N/A	N/A	
LID.txt	USA	5	LOCATION IDENTIFIER	LID.csv	LOC_ID	
LID.txt	USA	10	FAA REGION ASSOCIATED WITH THE LOCATION IDENTIFIER	LID.csv	REGION_CODE	
LID.txt	USA	13	STATE ASSOCIATED WITH THE LOCATION IDENTIFIER	LID.csv	STATE	
LID.txt	USA	15	CITY ASSOCIATED WITH THE LOCATION IDENTIFIER	LID.csv	CITY	
N/A	USA	N/A	N/A	LID.csv	LID_GROUP	Logical grouping of LID entries.
LID.txt	USA	55	CONTROLLING ARTCC FOR THIS LOCATION	LID.csv	RESP_ARTCC_ID	
LID.txt	USA	59	CONTROLLING ARTCC FOR THIS LOCATION - COMPUTER ID	LID.csv	ARTCC_COMPUTER_ID	
LID.txt	USA	62	LANDING FACILITY NAME	LID.csv	FAC_NAME	Case when LID_GROUP='LANDING FACILITY'
LID.txt	USA	112	LANDING FACILITY TYPE	LID.csv	FAC_TYPE	Case when LID_GROUP='LANDING FACILITY'
LID.txt	USA	125	TIE-IN FLIGHT SERVICE STATION (FSS) IDENTIFIER	LID.csv	FSS_ID	Case when LID_GROUP='LANDING FACILITY'
LID.txt	USA	129	NAVAID FACILITY NAME(1)	LID.csv	FAC_NAME	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	159	NAVAID FACILITY TYPE(1)	LID.csv	FAC_TYPE	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	179	NAVAID FACILITY NAME(2)	LID.csv	FAC_NAME	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	209	NAVAID FACILITY TYPE(2)	LID.csv	FAC_TYPE	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	229	NAVAID FACILITY NAME(3)	LID.csv	FAC_NAME	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	259	NAVAID FACILITY TYPE(3)	LID.csv	FAC_TYPE	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	279	NAVAID FACILITY NAME(4)	LID.csv	FAC_NAME	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	309	NAVAID FACILITY TYPE(4)	LID.csv	FAC_TYPE	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	329	TIE-IN FLIGHT SERVICE STATION (FSS) IDENTIFIER	LID.csv	FSS_ID	Case when LID_GROUP='NAVIGATION AID'
LID.txt	USA	333	ILS RUNWAY END EX.: 08, 18R, 36L	N/A	N/A	ILS RUNWAY END is concatenated with FAC_NAME
LID.txt	USA	336	ILS FACILITY TYPE	LID.csv	FAC_TYPE	Case when LID_GROUP='INSTRUMENT LANDING SYSTEM'
LID.txt	USA	356	LOCATION IDENTIFIER OF ILS AIRPORT	N/A	N/A	ILS Airport ID is concatenated with FAC_NAME
LID.txt	USA	361	ILS AIRPORT NAME	LID.csv	FAC_NAME	Case when LID_GROUP='INSTRUMENT LANDING SYSTEM'
LID.txt	USA	411	TIE-IN FLIGHT SERVICE STATION (FSS) IDENTIFIER	LID.csv	FSS_ID	Case when LID_GROUP='INSTRUMENT LANDING SYSTEM'
LID.txt	USA	415	FSS NAME	LID.csv	FAC_NAME	Case when LID_GROUP='FLIGHT SERVICE STATION'
LID.txt	USA	445	ARTCC NAME	LID.csv	FAC_NAME	Case when LID_GROUP='CONTROL FACILITY' and FAC_TYPE in ('ARTCC','CERAP')
LID.txt	USA	475	ARTCC FACILITY TYPE	LID.csv	FAC_TYPE	Case when LID_GROUP='CONTROL FACILITY' and FAC_TYPE in ('ARTCC','CERAP')
LID.txt	USA	492	FLIGHT WATCH STATION (FLTWO) INDICATOR	N/A	N/A	
LID.txt	USA	493	OTHER FACILITY - FACILITY NAME/DESCRIPTION	LID.csv	FAC_NAME	For all other LID_GROUP/FAC_TYPE.
LID.txt	USA	568	OTHER FACILITY - FACILITY TYPE	LID.csv	FAC_TYPE	For all other LID_GROUP/FAC_TYPE.
LID.txt	USA	583	EFFECTIVE DATE OF THIS INFORMATION (MM/DD/YYYY)	LID.csv	EFF_DATE	
LID.txt	USA	593	BLANKS	N/A	N/A	
LID.txt	DOD	1	IDENTIFIER GROUP SORT CODE	N/A	N/A	
LID.txt	DOD	2	IDENTIFIER GROUP CODE. Department of Defense Overseas Locations.	N/A	N/A	
LID.txt	DOD	5	LOCATION IDENTIFIER	LID.csv	LOC_ID	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	10	COUNTRY ASSOCIATED WITH THE LOCATION IDENTIFIER	N/A	N/A	See COUNTRY_CODE
LID.txt	DOD	40	SECOND LEVEL QUALIFIER OF LOCATION DESCRIPTION.	N/A	N/A	
LID.txt	DOD	60	CITY/LOCATION ASSOCIATED WITH THE IDENTIFIER	LID.csv	CITY	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	110	LANDING FACILITY NAME	LID.csv	FAC_NAME	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	160	LANDING FACILITY TYPE	LID.csv	FAC_TYPE	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	180	NAVAID FACILITY NAME (1)	LID.csv	FAC_NAME	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	230	NAVAID FACILITY TYPE (1)	LID.csv	FAC_TYPE	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	250	NAVAID FACILITY NAME (2)	LID.csv	FAC_NAME	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	300	NAVAID FACILITY TYPE (2)	LID.csv	FAC_TYPE	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	320	OTHER FACILITY NAME (1)	LID.csv	FAC_NAME	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	370	OTHER FACILITY TYPE (1)	LID.csv	FAC_TYPE	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	390	OTHER FACILITY NAME (2)	LID.csv	FAC_NAME	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	440	OTHER FACILITY TYPE (2)	LID.csv	FAC_TYPE	Case when LID_GROUP='DOD OVERSEA FACILITY'
LID.txt	DOD	460	EFFECTIVE DATE OF THIS INFORMATION (MM/DD/YYYY)	LID.csv	EFF_DATE	
LID.txt	DOD	470	BLANKS	N/A	N/A	

MAA.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	MAA_BASE .csv, MAA_CON.csv, MAA_RMK.csv, MAA_SHP.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
MAA.TXT	MAA1	1	RECORD TYPE INDICATOR. Base Misc Activity Area Data	N/A	N/A	
MAA.TXT	MAA1	5	MAA ID	MAA_BASE .csv	MAA_ID	
MAA.TXT	MAA1	11	MAA TYPE	MAA_BASE .csv	MAA_TYPE_NAME	
MAA.TXT	MAA1	36	NAVAID IDENTIFIER	MAA_BASE .csv	NAV_ID	
MAA.TXT	MAA1	40	NAVAID FACILITY TYPE CODE	N/A	N/A	see NAV_TYPE
MAA.TXT	MAA1	42	NAVAID FACILITY TYPE DESCRIBED	MAA_BASE .csv	NAV_TYPE	
MAA.TXT	MAA1	67	AZIMUTH (DEGREES) FROM NAVAID	MAA_BASE .csv	NAV_RADIAL	
MAA.TXT	MAA1	73	DISTANCE, IN NAUTICAL MILES, FROM NAVAID	MAA_BASE .csv	NAV_DISTANCE	
MAA.TXT	MAA1	79	NAVAID NAME	N/A	N/A	
MAA.TXT	MAA1	109	MAA STATE ABBREVIATION (TWO-LETTER POST OFFICE)	MAA_BASE .csv	STATE_CODE	
MAA.TXT	MAA1	111	MAA STATE NAME	N/A	N/A	
MAA.TXT	MAA1	141	MAA ASSOCIATED CITY NAME	MAA_BASE .csv	CITY	
MAA.TXT	MAA1	171	MAA LATITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	MAA_BASE .csv	LAT_DEG	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LAT_MIN	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LAT_SEC	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LAT_DECIMAL	MAA Latitude in Decimal Format
MAA.TXT	MAA1	185	MAA LATITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
MAA.TXT	MAA1	197	MAA LONGITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	MAA_BASE .csv	LONG_DEG	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LONG_MIN	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LONG_SEC	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	MAA_BASE .csv	LONG_DECIMAL	MAA Longitude in Decimal Format
MAA.TXT	MAA1	212	MAA LONGITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
MAA.TXT	MAA1	224	ASSOCIATED AIRPORT ID	MAA_BASE .csv	ARPT_IDS	
MAA.TXT	MAA1	228	ASSOCIATED AIRPORT NAME	N/A	N/A	
MAA.TXT	MAA1	278	ASSOCIATED AIRPORT SITE NUMBER	N/A	N/A	
MAA.TXT	MAA1	289	NEAREST AIRPORT ID (ONLY APPLIES TO SPACE LAUNCH ACTIVITY AREAS)	MAA_BASE .csv	NEAREST_ARPT	
MAA.TXT	MAA1	293	NEAREST AIRPORT DISTANCE IN NAUTICAL	MAA_BASE .csv	NEAREST_ARPT_DIST	
MAA.TXT	MAA1	299	NEAREST AIRPORT DIRECTION (ONLY APPLIES TO SPACE LAUNCH ACTIVITY AREAS)	MAA_BASE .csv	NEAREST_ARPT_DIR	
MAA.TXT	MAA1	301	MAA AREA NAME	MAA_BASE .csv	MAA_NAME	
MAA.TXT	MAA1	421	MAA MAXIMUM ALTITUDE ALLOWED	MAA_BASE .csv	MAX_ALT	
MAA.TXT	MAA1	429	MAA MINIMUM ALTITUDE ALLOWED	MAA_BASE .csv	MIN_ALT	
MAA.TXT	MAA1	437	MAA AREA RADIUS, IN NAUTICAL MILES FROM CENTER POINT	MAA_BASE .csv	MAA_RADIUS	
MAA.TXT	MAA1	442	SHOW ON VFR CHART (YES/NO)	N/A	N/A	
MAA.TXT	MAA1	445	MAA DESCRIPTION	MAA_BASE .csv	DESCRIPTION	
MAA.TXT	MAA1	895	MAA USE	MAA_BASE .csv	MAA_USE	
MAA.TXT	MAA1	903	BLANKS	N/A	N/A	
MAA.TXT	MAA2	1	RECORD TYPE INDICATOR. Polygon Coordinates	N/A	N/A	
MAA.TXT	MAA2	5	MAA ID	MAA_SHP.csv	MAA_ID	
MAA.TXT	MAA2	11	MAA LATITUDE (FORMATTED)	MAA_SHP.csv	LATITUDE	
MAA.TXT	MAA2	25	MAA LATITUDE (SECONDS)	N/A	N/A	
MAA.TXT	MAA2	37	MAA LONGITUDE (FORMATTED)	MAA_SHP.csv	LONGITUDE	
MAA.TXT	MAA2	52	MAA LONGITUDE (SECONDS)	N/A	N/A	
MAA.TXT	MAA2	64	BLANKS	N/A	N/A	
MAA.TXT	MAA3	1	RECORD TYPE INDICATOR. Times of Use	N/A	N/A	
MAA.TXT	MAA3	5	MAA ID	MAA_BASE .csv	MAA_ID	
MAA.TXT	MAA3	11	TIMES OF USE DESCRIPTION	MAA_BASE .csv	TIME_OF_USE	
MAA.TXT	MAA3	86	BLANKS	N/A	N/A	
MAA.TXT	MAA4	1	RECORD TYPE INDICATOR. User Group	N/A	N/A	
MAA.TXT	MAA4	5	MAA ID	MAA_BASE .csv	MAA_ID	
MAA.TXT	MAA4	11	MAA USER GROUP NAME	MAA_BASE .csv	USER_GROUP_NAME	
MAA.TXT	MAA4	86	BLANKS	N/A	N/A	



MAA.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
MAA.TXT	MAA5	1	RECORD TYPE INDICATOR. Contact Facility Freq Data	N/A	N/A	
MAA.TXT	MAA5	5	MAA ID	MAA_CON.csv	MAA_ID	
N/A	N/A	N/A	N/A	MAA_CON.csv	FREQ_SEQ	Unique Sequence number for Frequency Contact entries
MAA.TXT	MAA5	11	CONTACT FACILITY ID	MAA_CON.csv	FAC_ID	
MAA.TXT	MAA5	15	CONTACT FACILITY NAME	MAA_CON.csv	FAC_NAME	
MAA.TXT	MAA5	63	COMMERCIAL FREQUENCY	MAA_CON.csv	COMMERCIAL_FREQ	
MAA.TXT	MAA5	70	COMMERCIAL CHART FLAG	MAA_CON.csv	COMMERCIAL_CHART_FLAG	
MAA.TXT	MAA5	71	MILITARY FREQUENCY	MAA_CON.csv	MIL_FREQ	
MAA.TXT	MAA5	78	MILITARY CHART FLAG	MAA_CON.csv	MIL_CHART_FLAG	
MAA.TXT	MAA5	79	BLANKS	N/A	N/A	
MAA.TXT	MAA6	1	RECORD TYPE INDICATOR. Check for NOTAMs Data	N/A	N/A	
MAA.TXT	MAA6	5	MAA ID	MAA_BASE.csv	MAA_ID	
MAA.TXT	MAA6	11	CHECK FOR NOTAMS (ONLY APPLIES TO SPACE LAUNCH ACTIVITY AREAS)	MAA_BASE.csv	CHECK_NOTAMS	
MAA.TXT	MAA6	15	BLANKS	N/A	N/A	
MAA.TXT	MAA7	1	RECORD TYPE INDICATOR. Remarks	N/A	N/A	
MAA.TXT	MAA7	5	MAA ID	MAA_RMK.csv	MAA_ID	
MAA.TXT	MAA7	11	ADDITIONAL REMARKS	MAA_RMK.csv	REMARK	
MAA.TXT	MAA7	311	BLANKS	N/A	N/A	
N/A	N/A	N/A	N/A	MAA_RMK.csv	TAB_NAME	NASR table associated with Remark.
N/A	N/A	N/A	N/A	MAA_RMK.csv	REF_COL_NAME	NASR Column name associated with Remark. Non-specific remarks are identified as GENERAL_REMARK.
N/A	N/A	N/A	N/A	MAA_RMK.csv	REF_COL_SEQ_NO	Sequence number assigned to Reference Column Remark.

MTR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
MTR.txt	MTR1	1	RECORD TYPE INDICATOR. Base MTR Data	N/A	N/A	
MTR.txt	MTR1	5	ROUTE TYPE.	MTR_BASE.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR1	8	ROUTE IDENTIFIER.	MTR_BASE.csv	ROUTE_ID	
MTR.txt	MTR1	13	PUBLICATION EFFECTIVE DATE YYYYMMDD	MTR_BASE.csv, MTR_SOP.csv, MTR_WDTH.csv, MTR_TERR.csv, MTR_PT.csv, MTR_AGY.csv	EFF_DATE	
MTR.txt	MTR1	21	FAA REGION CODE	N/A	N/A	
MTR.txt	MTR1	24	ARTCC IDENT.	MTR_BASE.csv, MTR_SOP.csv, MTR_WDTH.csv, MTR_TERR.csv, MTR_PT.csv, MTR_AGY.csv	ARTCC	
MTR.txt	MTR1	104	ALL FLIGHT SERVICE STATION (FSS) IDENTs	MTR_BASE.csv	FSS	
MTR.txt	MTR1	264	TIMES OF USE TEXT INFORMATION.	MTR_BASE.csv	TIMES_OF_USE	
MTR.txt	MTR1	439	BLANKS	N/A	N/A	
MTR.txt	MTR1	515	SORT SEQUENCE NUMBER FOR RECORD	N/A	N/A	
MTR.txt	MTR2	1	RECORD TYPE INDICATOR. Special Operating Procedures	N/A	N/A	
MTR.txt	MTR2	5	ROUTE TYPE.	MTR_SOP.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR2	8	ROUTE IDENTIFIER.	MTR_SOP.csv	ROUTE_ID	
MTR.txt	MTR2	13	STANDARD OPERATING PROCEDURE TEXT	MTR_SOP.csv	SOP_TEXT	
MTR.txt	MTR2	113	BLANKS	N/A	N/A	
MTR.txt	MTR2	515	SORT SEQUENCE NUMBER FOR RECORD	N/A	N/A	
N/A	N/A	N/A	N/A	MTR_SOP.csv	SOP_SEQ_NO	SOP Text Computer assigned Sequence Number
MTR.txt	MTR3	1	RECORD TYPE INDICATOR. Route Width Dimentions	N/A	N/A	
MTR.txt	MTR3	5	ROUTE TYPE.	MTR_WDTH.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR3	8	ROUTE IDENTIFIER.	MTR_WDTH.csv	ROUTE_ID	
MTR.txt	MTR3	13	ROUTE WIDTH DESCRIPTION TEXT	MTR_WDTH.csv	WIDTH_TEXT	
MTR.txt	MTR3	113	BLANKS	N/A	N/A	
MTR.txt	MTR3	515	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
N/A	N/A	N/A	N/A	MTR_WDTH.csv	WIDTH_SEQ_NO	WIDTH Text Computer assigned Sequence Number
MTR.txt	MTR4	1	RECORD TYPE INDICATOR. Terrain Following Operations	N/A	N/A	
MTR.txt	MTR4	5	ROUTE TYPE.	MTR_TERR.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR4	8	ROUTE IDENTIFIER.	MTR_TERR.csv	ROUTE_ID	
MTR.txt	MTR4	13	TERRAIN FOLLOWING OPERATIONS TEXT	MTR_TERR.csv	TERRAIN_TEXT	
MTR.txt	MTR4	113	BLANKS	N/A	N/A	
MTR.txt	MTR4	515	RECORD SORT SEQUENCE NUMBER	N/A	N/A	
N/A	N/A	N/A	N/A	MTR_TERR.csv	TERRAIN_SEQ_NO	TERRAIN Text Computer assigned Sequence Number
MTR.txt	MTR5	1	RECORD TYPE INDICATOR. Each Point	N/A	N/A	
MTR.txt	MTR5	5	ROUTE TYPE.	MTR_PT.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR5	8	ROUTE IDENTIFIER.	MTR_PT.csv	ROUTE_ID	
MTR.txt	MTR5	13	ROUTE POINT ID. A,B,C, ETC.	MTR_PT.csv	ROUTE_PT_ID	
N/A	N/A	N/A	N/A	MTR_PT.csv	NEXT_ROUTE_PT_ID	The Next Sequential ROUTE_PT_ID.
MTR.txt	MTR5	18	SEGMENT DESCRIPTION TEXT LEADING UP TO THE POINT	MTR_PT.csv	SEGMENT_TEXT	
MTR.txt	MTR5	246	SEGMENT DESCRIPTION TEXT LEAVING THE POINT	N/A	N/A	
MTR.txt	MTR5	474	IDENT OF RELATED NAVAID	MTR_PT.csv	NAV_ID	
MTR.txt	MTR5	478	BEARING OF NAVAID FROM POINT	MTR_PT.csv	NAVAID_BEARING	
MTR.txt	MTR5	483	DISTANCE OF NAVAID FROM POINT	MTR_PT.csv	NAVAID_DIST	
MTR.txt	MTR5	487	LATITUDE LOCATION OF POINT	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	MTR_PT.csv	LAT_DEG	
N/A	N/A	N/A	N/A	MTR_PT.csv	LAT_MIN	
N/A	N/A	N/A	N/A	MTR_PT.csv	LAT_SEC	
N/A	N/A	N/A	N/A	MTR_PT.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	MTR_PT.csv	LAT_DECIMAL	Latitude in Decimal Degree Format
MTR.txt	MTR5	501	LONGITUDE LOCATION OF POINT	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	MTR_PT.csv	LONG_DEG	
N/A	N/A	N/A	N/A	MTR_PT.csv	LONG_MIN	
N/A	N/A	N/A	N/A	MTR_PT.csv	LONG_SEC	
N/A	N/A	N/A	N/A	MTR_PT.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	MTR_PT.csv	LONG_DECIMAL	Longitude in Decimal Degree Format
MTR.txt	MTR5	515	RECORD SORT SEQUENCE NUMBER	N/A	N/A	

MTR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	MTR_PT.csv	ROUTE_PT_SEQ	Sequencing number in multiples of ten. Points are in order adapted for given MTR.
MTR.txt	MTR6	1	RECORD TYPE INDICATOR. Agency Info	N/A	N/A	
MTR.txt	MTR6	5	ROUTE TYPE.	MTR_AGY.csv	ROUTE_TYPE_CODE	
MTR.txt	MTR6	8	ROUTE IDENTIFIER	MTR_AGY.csv	ROUTE_ID	
MTR.txt	MTR6	13	AGENCY TYPE CODE	MTR_AGY.csv	AGENCY_TYPE	
MTR.txt	MTR6	15	AGENCY ORGANIZATION NAME	MTR_AGY.csv	AGENCY_NAME	
MTR.txt	MTR6	76	AGENCY STATION	MTR_AGY.csv	STATION	
MTR.txt	MTR6	106	AGENCY ADDRESS	MTR_AGY.csv	ADDRESS	
MTR.txt	MTR6	141	AGENCY CITY	MTR_AGY.csv	CITY	
MTR.txt	MTR6	171	AGENCY STATE (ALPHA POST OFFICE CODE)	MTR_AGY.csv	STATE_CODE	
MTR.txt	MTR6	173	AGENCY ZIP CODE	MTR_AGY.csv	ZIP_CODE	
MTR.txt	MTR6	183	AGENCY COMMERCIAL PHONE NUMBER	MTR_AGY.csv	COMMERCIAL_NO	
MTR.txt	MTR6	223	AGENCY DSN PHONE NUMBER	MTR_AGY.csv	DSN_NO	
MTR.txt	MTR6	263	AGENCY HOURS	MTR_AGY.csv	HOURS	
MTR.txt	MTR6	438	BLANKS	N/A	N/A	
MTR.txt	MTR6	515	RECORD SORT SEQUENCE NUMBER	N/A	N/A	

NAV.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
NAV.txt	NAV1	1	RECORD TYPE INDICATOR. Basic NAVAID Info	N/A	N/A	
NAV.txt	NAV1	5	NAVAID FACILITY IDENTIFIER	NAV_BASE.csv	NAV_ID	
NAV.txt	NAV1	9	NAVAID FACILITY TYPE (SEE DESCRIPTION)	NAV_BASE.csv	NAV_TYPE	
NAV.txt	NAV1	29	OFFICIAL NAVAID FACILITY IDENTIFIER	N/A	N/A	
NAV.txt	NAV1	33	EFFECTIVE DATE; THIS DATE COINCIDES WITH	NAV_BASE.csv, NAV_RMK.csv, NAV_CKPT.csv	EFF_DATE	
NAV.txt	NAV1	43	NAME OF NAVAID.(EX: WASHINGTON)	NAV_BASE.csv	NAME	
NAV.txt	NAV1	73	CITY ASSOCIATED WITH THE NAVAID.	NAV_BASE.csv, NAV_RMK.csv, NAV_CKPT.csv	CITY	
NAV.txt	NAV1	113	STATE NAME WHERE ASSOCIATED CITY IS LOCATED	NAV_BASE.csv	STATE_NAME	
NAV.txt	NAV1	143	STATE POST OFFICE CODE WHERE ASSOCIATED CITY IS LOCATED.	NAV_BASE.csv, NAV_RMK.csv, NAV_CKPT.csv	STATE_CODE	
NAV.txt	NAV1	145	FAA REGION RESPONSIBLE FOR NAVAID (CODE)	NAV_BASE.csv	REGION_CODE	
NAV.txt	NAV1	148	COUNTRY NAVAID LOCATED IF OTHER THAN U.S (NAME)	NAV_BASE.csv	COUNTRY_NAME	
NAV.txt	NAV1	178	COUNTRY POST OFFICE CODE NAVAID LOCATED IF OTHER THAN U.S.	NAV_BASE.csv, NAV_RMK.csv, NAV_CKPT.csv	COUNTRY_CODE	
NAV.txt	NAV1	180	NAVAID OWNER NAME(EX: U.S. NAVY)	N/A	N/A	
N/A	N/A	N/A	N/A	NAV_BASE.csv	OWNER	A Concatenation of the NAVAID OWNER CODE - NAVAID OWNER NAME
NAV.txt	NAV1	230	NAVAID OPERATOR NAME (EX: U.S. NAVY)	N/A	N/A	
N/A	N/A	N/A	N/A	NAV_BASE.csv	OPERATOR	A Concatenation of the NAVAID OPERATOR CODE - NAVAID OPERATOR NAME
NAV.txt	NAV1	280	COMMON SYSTEM USAGE (Y OR N)	NAV_BASE.csv	NAS_USE_FLAG	
NAV.txt	NAV1	281	NAVAID PUBLIC USE (Y OR N)	NAV_BASE.csv	PUBLIC_USE_FLAG	
NAV.txt	NAV1	282	CLASS OF NAVAID.	NAV_BASE.csv	NDB_CLASS_CODE	
NAV.txt	NAV1	293	HOURS OF OPERATION OF NAVAID	NAV_BASE.csv	OPER_HOURS	
NAV.txt	NAV1	304	IDENTIFIER OF ARTCC WITH HIGH ALTITUDE BOUNDARY THAT THE NAVAID FALLS WITHIN.	NAV_BASE.csv	HIGH_ALT_ARTCC_ID	
NAV.txt	NAV1	308	NAME OF ARTCC WITH HIGH ALTITUDE BOUNDARY THAT THE NAVAID FALLS WITHIN.	NAV_BASE.csv	HIGH_ARTCC_NAME	
NAV.txt	NAV1	338	IDENTIFIER OF ARTCC WITH LOW ALTITUDE BOUNDARY THAT THE NAVAID FALLS WITHIN.	NAV_BASE.csv	LOW_ALT_ARTCC_ID	
NAV.txt	NAV1	342	NAME OF ARTCC WITH LOW ALTITUDE BOUNDARY THAT THE NAVAID FALLS WITHIN.	NAV_BASE.csv	LOW_ARTCC_NAME	
NAV.txt	NAV1	372	NAVAID LATITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	NAV_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LAT_DECIMAL	NAV Latitude in Decimal Format
NAV.txt	NAV1	386	NAVAID LATITUDE (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
NAV.txt	NAV1	397	NAVAID LONGITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	NAV_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	NAV_BASE.csv	LONG_DECIMAL	NAV Longitude in Decimal Format
NAV.txt	NAV1	411	NAVAID LONGITUDE (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
NAV.txt	NAV1	422	LATITUDE/LONGITUDE SURVERY ACCURACY (CODE)	NAV_BASE.csv	SURVEY_ACCURACY_CODE	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_STATUS	Status of TACAN or DME Equipment.
NAV.txt	NAV1	423	LATITUDE OF TACAN PORTION OF VORTAC WHEN TACAN IS NOT SITED WITH VOR (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LAT_DEG	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LAT_MIN	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LAT_SEC	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LAT_HEMIS	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LAT_DECIMAL	Latitude in Decimal Format of TACAN Portion of VORTAC when TACAN is not sited with VOR
NAV.txt	NAV1	437	LATITUDE OF TACAN PORTION OF VORTAC WHEN TACAN IS NOT SITED WITH VOR (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.

NAV.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
NAV.txt	NAV1	448	LONGITUDE OF TACAN PORTION OF VORTAC WHEN TACAN IS NOT SITED WITH VOR (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LONG_DEG	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LONG_MIN	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LONG_SEC	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LONG_HEMIS	
N/A	N/A	N/A	N/A	NAV_BASE.csv	TACAN_DME_LONG_DECIMAL	Longitude in Decimal Format of TACAN Portion of VORTAC when TACAN is not sited with VOR
NAV.txt	NAV1	462	LONGITUDE OF TACAN PORTION OF VORTAC WHEN TACAN IS NOT SITED WITH VOR (ALL SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
NAV.txt	NAV1	473	ELEVATION IN TENTH OF A FOOT (MSL)	NAV_BASE.csv	ELEV	
NAV.txt	NAV1	480	MAGNETIC VARIATION DEGREES (00-99) FOLLOWED BY MAGNETIC VARIATION DIRECTION (E,W)	NAV_BASE.csv	MAG_VARN	
NAV.txt	NAV1	480	MAGNETIC VARIATION DEGREES (00-99) FOLLOWED BY MAGNETIC VARIATION DIRECTION (E,W)	NAV_BASE.csv	MAG_HEMIS	
NAV.txt	NAV1	485	MAGNETIC VARIATION EPOCH YEAR(EX: 2015)	NAV_BASE.csv	MAG_VARN_YEAR	
NAV.txt	NAV1	489	SIMULTANEOUS VOICE FEATURE (Y,N, OR NULL)	NAV_BASE.csv	SIMUL_VOICE_FLAG	
NAV.txt	NAV1	492	POWER OUTPUT (IN WATTS)	NAV_BASE.csv	PWR_OUTPUT	
NAV.txt	NAV1	496	AUTOMATIC VOICE IDENTIFICATION FEATURE	NAV_BASE.csv	AUTO_VOICE_ID_FLAG	
NAV.txt	NAV1	499	MONITORING CATEGORY	NAV_BASE.csv	MNT_CAT_CODE	
NAV.txt	NAV1	500	RADIO VOICE CALL (NAME)	NAV_BASE.csv	VOICE_CALL	
NAV.txt	NAV1	530	CHANNEL (TACAN)NAVAID TRANSMITS ON	NAV_BASE.csv	CHAN	
NAV.txt	NAV1	534	FREQUENCY THE NAVAID TRANSMITS ON	NAV_BASE.csv	FREQ	
NAV.txt	NAV1	540	TRANSMITTED FAN MARKER/MARINE RADIO BEACON IDENTIFIER	NAV_BASE.csv	MKR_IDENT	
NAV.txt	NAV1	564	FAN MARKER TYPE (BONE OR ELLIPTICAL)	NAV_BASE.csv	MKR_SHAPE	
NAV.txt	NAV1	574	TRUE BEARING OF MAJOR AXIS OF FAN MARKER	NAV_BASE.csv	MKR_BRG	
NAV.txt	NAV1	577	VOR STANDARD SERVICE VOLUME	NAV_BASE.csv	ALT_CODE	
NAV.txt	NAV1	579	DME STANDARD SERVICE VOLUME	NAV_BASE.csv	DME_SSV	
NAV.txt	NAV1	581	LOW ALTITUDE FACILITY USED IN HIGH STRUCTURE	NAV_BASE.csv	LOW_NAV_ON_HIGH_CHART_FLAG	
NAV.txt	NAV1	584	NAVAID Z MARKER AVAILABLE (Y, N, OR NULL)	NAV_BASE.csv	Z_MKR_FLAG	
NAV.txt	NAV1	587	TRANSCRIBED WEATHER BROADCAST HOURS (TWEB)	N/A	N/A	
NAV.txt	NAV1	596	TRANSCRIBED WEATHER BROADCAST PHONE NUMBER	N/A	N/A	
NAV.txt	NAV1	616	ASSOCIATED/CONTROLLING FSS (IDENT)	NAV_BASE.csv	FSS_ID	
NAV.txt	NAV1	620	ASSOCIATED/CONTROLLING FSS (NAME)	NAV_BASE.csv	FSS_NAME	
NAV.txt	NAV1	650	HOURS OF OPERATION OF CONTROLLING FSS	NAV_BASE.csv	FSS_HOURS	
NAV.txt	NAV1	750	NOTAM ACCOUNTABILITY CODE (IDENT)	NAV_BASE.csv	NOTAM_ID	
NAV.txt	NAV1	754	QUADRANT IDENTIFICATION AND RANGE LEG BEARING	NAV_BASE.csv	QUAD_IDENT	
NAV.txt	NAV1	770	NAVIGATION AID STATUS	NAV_BASE.csv	NAV_STATUS	
NAV.txt	NAV1	800	PITCH FLAG (Y OR N)	NAV_BASE.csv	PITCH_FLAG	
NAV.txt	NAV1	801	CATCH FLAG (Y OR N)	NAV_BASE.csv	CATCH_FLAG	
NAV.txt	NAV1	802	SUA/ATCAA FLAG (Y OR N)	NAV_BASE.csv	SUA_ATCAA_FLAG	
NAV.txt	NAV1	803	NAVAID RESTRICTION FLAG	NAV_BASE.csv	RESTRICTION_FLAG	
NAV.txt	NAV1	804	HIWAS FLAG	NAV_BASE.csv	HIWAS_FLAG	
NAV.txt	NAV1	805	TRANSCRIBED WEATHER BROADCAST (TWEB) RESTRICTION	N/A	N/A	
NAV.txt	NAV2	1	RECORD TYPE INDICATOR. Remarks	N/A	N/A	
NAV.txt	NAV2	5	NAVAID FACILITY IDENTIFIER	NAV_RMK.csv	NAV_ID	
NAV.txt	NAV2	9	NAVAID FACILITY TYPE (EX: VOR/DME)	NAV_RMK.csv	NAV_TYPE	
N/A	N/A	N/A	N/A	NAV_RMK.csv	TAB_NAME	NASR table associated with Remark.
N/A	N/A	N/A	N/A	NAV_RMK.csv	REF_COL_NAME	NASR Column name associated with Remark. Non-specific remarks are identified as GENERAL_REMARK.
N/A	N/A	N/A	N/A	NAV_RMK.csv	REF_COL_SEQ_NO	Sequence number assigned to Reference Column Remark.
NAV.txt	NAV2	29	NAVAID REMARKS. FREE FORM TEXT	NAV_RMK.csv	REMARK	
NAV.txt	NAV2	629	FILLER.	N/A	N/A	
NAV.txt	NAV3	1	RECORD TYPE INDICATOR. Associated Fixes	N/A	N/A	
NAV.txt	NAV3	5	NAVAID FACILITY IDENTIFIER	N/A	N/A	
NAV.txt	NAV3	9	NAVAID FACILITY TYPE (EX: VOR/DME)	N/A	N/A	
NAV.txt	NAV3	29	NAME(S) OF FIXES (FIX-FILE), THE ID(S) OF THE STATE IN WHICH THE FIX IS LOCATED, AND THE ASSOCIATED ICAO REGION CODE.	N/A	N/A	
NAV.txt	NAV3	65	SPACE ALLOCATED FOR 20 MORE FIXES	N/A	N/A	
NAV.txt	NAV3	785	BLANKS.	N/A	N/A	
NAV.txt	NAV4	1	RECORD TYPE INDICATOR. Associated Holding Patterns	N/A	N/A	

NAV.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
NAV.txt	NAV4	5	NAVAID FACILITY IDENTIFIER	N/A	N/A	
NAV.txt	NAV4	9	NAVAID FACILITY TYPE (EX: VOR/DME)	N/A	N/A	
NAV.txt	NAV4	29	NAME(S) OF HOLDING PATTERN(S) AND THE STATE IN WHICH THE HOLDING PATTERN(S) IS (ARE) LOCATED.	N/A	N/A	
NAV.txt	NAV4	109	PATTERN (NUMBER) OF THE HOLDING PATTERN	N/A	N/A	
NAV.txt	NAV4	112	SPACE ALLOCATED FOR 8 MORE HOLDING PATTERNS.	N/A	N/A	
NAV.txt	NAV4	776	BLANKS.	N/A	N/A	
NAV.txt	NAV5	1	RECORD TYPE INDICATOR. Associated Fan Markers	N/A	N/A	
NAV.txt	NAV5	5	NAVAID FACILITY IDENTIFIER	NAV_BASE.csv	NAV_ID	
NAV.txt	NAV5	9	NAVAID FACILITY TYPE (EX: VOR/DME)	NAV_BASE.csv	NAV_TYPE	
NAV.txt	NAV5	29	NAME(S) OF FAN MARKER(S)	NAV_BASE.csv	FAN_MARKER	
NAV.txt	NAV5	59	SPACE ALLOCATED FOR 23 MORE FAN MARKERS	N/A	N/A	
NAV.txt	NAV5	749	BLANKS	N/A	N/A	
NAV.txt	NAV6	1	RECORD TYPE INDICATOR. Associated Checkpoints	N/A	N/A	
NAV.txt	NAV6	5	NAVAID FACILITY IDENTIFIER	NAV_CKPT.csv	NAV_ID	
NAV.txt	NAV6	9	NAVAID FACILITY TYPE (EX: VOR/DME)	NAV_CKPT.csv	NAV_TYPE	
NAV.txt	NAV6	29	AIR/GROUND CODE	NAV_CKPT.csv	AIR_GND_CODE	
NAV.txt	NAV6	31	BEARING OF CHECKPOINT	NAV_CKPT.csv	BRG	
NAV.txt	NAV6	34	ALTITUDE ONLY WHEN CHECKPOINT IS IN AIR	NAV_CKPT.csv	ALTITUDE	
NAV.txt	NAV6	39	AIRPORT ID	NAV_CKPT.csv	ARPT_ID	
NAV.txt	NAV6	43	STATE CODE IN WHICH ASSOCIATED CITY IS LOCATED	NAV_CKPT.csv	STATE_CHK_CODE	
NAV.txt	NAV6	45	NARRATIVE DESCRIPTION ASSOCIATED WITH THE CHECKPOINT IN AIR	NAV_CKPT.csv	CHK_DESC	
NAV.txt	NAV6	120	NARRATIVE DESCRIPTION ASSOCIATED WITH THE CHECKPOINT ON GROUND	NAV_CKPT.csv	CHK_DESC	
NAV.txt	NAV6	195	BLANKS	N/A	N/A	

PFR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
PFR.txt	PFR1	1	RECORD TYPE INDICATOR. Base PFR Data	N/A	N/A	
PFR.txt	PFR1	5	ORIGIN FACILITY LOCATION IDENTIFIER	PFR_BASE.csv	ORIGIN_ID	
N/A	N/A	N/A	N/A	PFR_BASE.csv	ORIGIN_CITY	
N/A	N/A	N/A	N/A	PFR_BASE.csv	ORIGIN_STATE_CODE	
N/A	N/A	N/A	N/A	PFR_BASE.csv	ORIGIN_COUNTRY_CODE	
PFR.txt	PFR1	10	DESTINATION FACILITY LOCATION IDENTIFIER	PFR_BASE.csv	DSTN_ID	
N/A	N/A	N/A	N/A	PFR_BASE.csv	DSTN_CITY	
N/A	N/A	N/A	N/A	PFR_BASE.csv	DSTN_STATE_CODE	
N/A	N/A	N/A	N/A	PFR_BASE.csv	DSTN_COUNTRY_CODE	
PFR.txt	PFR1	15	TYPE OF PREFERRED ROUTE (CODE)	PFR_BASE.csv	PFR_TYPE_CODE	
PFR.txt	PFR1	18	ROUTE IDENTIFIER SEQUENCE NUMBER (1-99)	PFR_BASE.csv	ROUTE_NO	
PFR.txt	PFR1	20	TYPE OF PREFERRED ROUTE (DESCRIPTION)	N/A	N/A	See Layout Document
PFR.txt	PFR1	50	PREFERRED ROUTE AREA DESCRIPTION	PFR_BASE.csv	SPECIAL_AREA_DESCRIP	
PFR.txt	PFR1	125	PREFERRED ROUTE ALTITUDE DESCRIPTION	PFR_BASE.csv	ALT_DESCRIP	
PFR.txt	PFR1	165	AIRCRAFT ALLOWED/LIMITATIONS DESCRIPTION	PFR_BASE.csv	AIRCRAFT	
PFR.txt	PFR1	215	EFFECTIVE HOURS (GMT) DESCRIPTION (1)	PFR_BASE.csv	HOURS	
PFR.txt	PFR1	230	EFFECTIVE HOURS (GMT) DESCRIPTION (2)	N/A	N/A	
PFR.txt	PFR1	245	EFFECTIVE HOURS (GMT) DESCRIPTION (3)	N/A	N/A	
PFR.txt	PFR1	260	ROUTE DIRECTION LIMITATIONS DESCRIPTION	PFR_BASE.csv	ROUTE_DIR_DESCRIP	
PFR.txt	PFR1	280	NAR TYPE (COMMON, NON-COMMON)	PFR_BASE.csv	NAR_TYPE	
PFR.txt	PFR1	300	DESIGNATOR	PFR_BASE.csv	DESIGNATOR	
N/A	N/A	N/A	N/A	PFR_BASE.csv	INLAND_FAC_FIX	
N/A	N/A	N/A	N/A	PFR_BASE.csv	COASTAL_FIX	
PFR.txt	PFR1	305	DESTINATION CITY	PFR_BASE.csv	DESTINATION	
PFR.txt	PFR2	1	RECORD TYPE INDICATOR. One Segment Along PFR Route	N/A	N/A	
PFR.txt	PFR2	5	ORIGIN FACILITY LOCATION IDENTIFIER	PFR_SEG.csv	ORIGIN_ID	
PFR.txt	PFR2	10	DESTINATION FACILITY LOCATION IDENTIFIER	PFR_SEG.csv	DSTN_ID	
PFR.txt	PFR2	15	TYPE OF PREFERRED ROUTE (CODE)	PFR_SEG.csv	PFR_TYPE_CODE	
PFR.txt	PFR2	18	ROUTE IDENTIFIER SEQUENCE NUMBER (1-99)	PFR_SEG.csv	ROUTE_NO	
PFR.txt	PFR2	20	SEGMENT SEQUENCE NUMBER WITHIN THE ROUTE	PFR_SEG.csv	SEGMENT_SEQ	
PFR.txt	PFR2	23	SEGMENT IDENTIFIER (NAVAID IDENT, AWY NUMBER)	PFR_SEG.csv	SEG_VALUE	
PFR.txt	PFR2	71	SEGMENT TYPE (DESCRIBED)	PFR_SEG.csv	SEG_TYPE	
PFR.txt	PFR2	78	FIX STATE CODE - POST OFFICE ALPHA CODE	PFR_SEG.csv	STATE_CODE	Also for NAVAIDs
N/A	N/A	N/A	N/A	PFR_SEG.csv	COUNTRY_CODE	
PFR.txt	PFR2	80	ICAO REGION CODE	PFR_SEG.csv	ICAO_REGION_CODE	
PFR.txt	PFR2	82	NAVAID FACILITY TYPE (CODE)	N/A	N/A	
PFR.txt	PFR2	84	NAVAID FACILITY TYPE (DESCRIBED)	PFR_SEG.csv	NAV_TYPE	
PFR.txt	PFR2	104	RADIAL AND DISTANCE FROM NAVAIID	PFR_SEG.csv	SEG_VALUE	Included in SEG_VALUE which determines SEG_TYPE of either FRD or RADIAL
PFR.txt	PFR2	111	BLANK	N/A	N/A	
N/A	N/A	N/A	N/A	PFR_SEG.csv	NEXT_SEG	Next SEG_VALUE

PJA.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	PJA_BASE.csv, PJA_CON.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
PJA.txt	PJA1	1	RECORD TYPE INDICATOR. - BASE PJA INFO	N/A	N/A	
PJA.txt	PJA1	5	PJA ID	PJA_BASE.csv	PJA_ID	
PJA.txt	PJA1	11	NAVAID IDENTIFIER	PJA_BASE.csv	NAV_ID	
PJA.txt	PJA1	15	NAVAID FACILITY TYPE CODE	N/A	N/A	
PJA.txt	PJA1	17	NAVAID FACILITY TYPE DESCRIBED	PJA_BASE.csv	NAV_TYPE	
PJA.txt	PJA1	42	AZIMUTH (DEGREES) FROM NAVAID	PJA_BASE.csv	RADIAL	
PJA.txt	PJA1	48	DISTANCE, IN NAUTICAL MILES, FROM NAVAID	PJA_BASE.csv	DISTANCE	
PJA.txt	PJA1	56	NAVAID NAME	PJA_BASE.csv	NAVAID_NAME	
PJA.txt	PJA1	86	PJA STATE ABBREVIATION (TWO-LETTER POST OFFICE)	PJA_BASE.csv	STATE_CODE	
PJA.txt	PJA1	88	PJA STATE NAME	N/A	N/A	
PJA.txt	PJA1	118	PJA ASSOCIATED CITY NAME	PJA_BASE.csv	CITY	
PJA.txt	PJA1	148	PJA LATITUDE (FORMATTED)	PJA_BASE.csv	LATITUDE	
N/A	N/A	N/A	N/A	PJA_BASE.csv	LAT_DECIMAL	PJA Latitude in Decimal Format
PJA.txt	PJA1	162	PJA LATITUDE (SECONDS)	N/A	N/A	
PJA.txt	PJA1	174	PJA LONGITUDE (FORMATTED)	PJA_BASE.csv	LONGITUDE	
N/A	N/A	N/A	N/A	PJA_BASE.csv	LONG_DECIMAL	PJA Longitude in Decimal Format
PJA.txt	PJA1	189	PJA LONGITUDE (SECONDS)	N/A	N/A	
PJA.txt	PJA1	201	ASSOCIATED AIRPORT NAME	N/A	N/A	
N/A	N/A	N/A	N/A	PJA_BASE.csv	ARPT_ID	Landing Facility Identifier with which PJA is Associated.
PJA.txt	PJA1	251	ASSOCIATED AIRPORT SITE NUMBER	PJA_BASE.csv	SITE_NO	
PJA.txt	PJA1	251	ASSOCIATED AIRPORT SITE NUMBER	PJA_BASE.csv	SITE_TYPE_CODE	
PJA.txt	PJA1	262	PJA DROP ZONE NAME	PJA_BASE.csv	DROP_ZONE_NAME	
PJA.txt	PJA1	312	PJA MAXIMUM ALTITUDE ALLOWED	PJA_BASE.csv	MAX_ALTITUDE	
PJA.txt	PJA1	312	PJA MAXIMUM ALTITUDE ALLOWED	PJA_BASE.csv	MAX_ALTITUDE_TYPE_CODE	
PJA.txt	PJA1	320	PJA AREA RADIUS, IN NAUTICAL MILES FROM CENTER POINT	PJA_BASE.csv	PJA_RADIUS	
PJA.txt	PJA1	325	SECTIONAL CHARTING REQUIRED (YES/NO)	PJA_BASE.csv	CHART_REQUEST_FLAG	
PJA.txt	PJA1	328	AREA TO BE PUBLISHED IN AIRPORT/FACILITY DIRECTORY (YES/NO)	PJA_BASE.csv	PUBLISH_CRITERIA	
PJA.txt	PJA1	331	ADDITIONAL DESCRIPTIVE TEXT FOR AREA	PJA_BASE.csv	DESCRIPTION	
PJA.txt	PJA1	431	ASSOCIATED FSS IDENT	PJA_BASE.csv	FSS_ID	
PJA.txt	PJA1	435	ASSOCIATED FSS NAME	PJA_BASE.csv	FSS_NAME	
PJA.txt	PJA1	465	PJA USE	PJA_BASE.csv	PJA_USE	
PJA.txt	PJA1	473	VOLUME	PJA_BASE.csv	VOLUME	
PJA.txt	PJA2	1	RECORD TYPE INDICATOR. - TIME OF USE	N/A	N/A	
PJA.txt	PJA2	5	PJA ID	PJA_BASE.csv	PJA_ID	
PJA.txt	PJA2	11	TIMES OF USE DESCRIPTION	PJA_BASE.csv	TIME_OF_USE	
PJA.txt	PJA2	86	BLANKS	N/A	N/A	
PJA.txt	PJA3	1	RECORD TYPE INDICATOR. - USER GROUP	N/A	N/A	
PJA.txt	PJA3	5	PJA ID	PJA_BASE.csv	PJA_ID	
PJA.txt	PJA3	11	PJA USER GROUP NAME	N/A	N/A	
PJA.txt	PJA3	86	DESCRIPTION	N/A	N/A	
N/A	N/A	N/A	N/A	PJA_BASE.csv	PJA_USER	PJA User Group Name and Description
PJA.txt	PJA3	161	BLANKS	N/A	N/A	
PJA.txt	PJA4	1	RECORD TYPE INDICATOR. - CONTACT FACILITY DATA	N/A	N/A	
PJA.txt	PJA4	5	PJA ID	PJA_CON.csv	PJA_ID	
PJA.txt	PJA4	11	CONTACT FACILITY ID	PJA_CON.csv	FAC_ID	
PJA.txt	PJA4	15	CONTACT FACILITY NAME	PJA_CON.csv	FAC_NAME	
PJA.txt	PJA4	63	RELATED LOC ID	PJA_CON.csv	LOC_ID	
PJA.txt	PJA4	67	COMMERCIAL FREQUENCY	PJA_CON.csv	COMMERCIAL_FREQ	
PJA.txt	PJA4	75	COMMERCIAL CHART FLAG	PJA_CON.csv	COMMERCIAL_CHART_FLAG	
PJA.txt	PJA4	76	MILITARY FREQUENCY	PJA_CON.csv	MIL_FREQ	
PJA.txt	PJA4	84	MILITARY CHART FLAG	PJA_CON.csv	MIL_CHART_FLAG	
PJA.txt	PJA4	85	SECTOR	PJA_CON.csv	SECTOR	
PJA.txt	PJA4	115	ALTITUDE	PJA_CON.csv	CONTACT_FREQ_ALTITUDE	
PJA.txt	PJA4	135	BLANKS	N/A	N/A	
PJA.txt	PJA5	1	RECORD TYPE INDICATOR. - REMARKS	N/A	N/A	
PJA.txt	PJA5	5	PJA ID	PJA_BASE.csv	PJA_ID	
PJA.txt	PJA5	11	ADDITIONAL REMARKS	PJA_BASE.csv	REMARK	
PJA.txt	PJA5	311	BLANKS	N/A	N/A	



STARDP.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	STAR_BASE.csv, STAR_RTE.csv, STAR_APT.csv, DP_BASE.csv, DP_RTE.csv, DP_APT.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
N/A	N/A	N/A	N/A	STAR_BASE.csv, STAR_RTE.csv, STAR_APT.csv, DP_BASE.csv, DP_RTE.csv, DP_APT.csv	ARTCC	List of all Responsible ARTCCs based on Airports Served.
STARDP.txt	STAR	1	INTERNAL SEQUENCE NUMBER	N/A	N/A	
STARDP.txt	STAR	6	NOT USED	N/A	N/A	
STARDP.txt	STAR	11	FIX/FACILITY TYPE CODE	STAR_RTE.csv	POINT_TYPE	For TYPE AA (airport) see STAR_APT.csv
STARDP.txt	STAR	13	NOT USED	N/A	N/A	
STARDP.txt	STAR	14	FIX/NAVAID/AIRPORT LATITUDE	N/A	N/A	See specific resource for latitude information.
STARDP.txt	STAR	22	FIX/NAVAID/AIRPORT LONGITUDE	N/A	N/A	See specific resource for longitude information.
N/A	N/A	N/A	N/A	STAR_RTE.csv	POINT_SEQ	Sequencing number in multiples of ten. Points are in order adapted for given Segment.
STARDP.txt	STAR	31	FIX/NAVAID/AIRPORT IDENTIFIER	STAR_RTE.csv	POINT	
STARDP.txt	STAR	31	FIX/NAVAID/AIRPORT IDENTIFIER	STAR_APT.csv	ARPT_ID	
N/A	N/A	N/A	N/A	STAR_APT.csv	RWY_END_ID	The Runway End Identifier if applicable.
STARDP.txt	STAR	37	ICAO REGION CODE - FIX ONLY	STAR_RTE.csv	ICAO_REGION_CODE	
STARDP.txt	STAR	39	STAR COMPUTER CODE	STAR_BASE.csv, STAR_RTE.csv, STAR_APT.csv	STAR_COMPUTER_CODE	
STARDP.txt	STAR	39	STAR COMPUTER CODE	STAR_RTE.csv	TRANSITION_COMPUTER_CODE	
N/A	N/A	N/A	N/A	STAR_RTE.csv, STAR_APT.csv	BODY_SEQ	In the rare case that Body Name is not Unique for a given STAR, the BODY_SEQ will uniquely identify the Segment.
N/A	N/A	N/A	N/A	STAR_APT.csv	BODY_NAME	The Name of the Body for which the Airport/Runway End are associated. The Body Name is the first and last Fix of the Segment.
STARDP.txt	STAR	52	STAR/TRANSITION NAME	STAR_BASE.csv	ARRIVAL_NAME	
STARDP.txt	STAR	52	STAR/TRANSITION NAME	STAR_BASE.csv	AMENDMENT_NO	
STARDP.txt	STAR	52	STAR/TRANSITION NAME	STAR_RTE.csv	ROUTE_NAME	
N/A	N/A	N/A	N/A	STAR_RTE.csv	ROUTE_PORTION_TYPE	The Segment is identified as either a Transition or Body.
N/A	N/A	N/A	N/A	STAR_RTE.csv	NEXT_POINT	The Point that directly follows the current Point on an individual segment.
N/A	N/A	N/A	N/A	STAR_RTE.csv	ARPT_RWY_ASSOC	
N/A	N/A	N/A	N/A	STAR_BASE.csv	STAR_AMEND_EFF_DATE	The First Effective Date for which the STAR Amendment became Active.
N/A	N/A	N/A	N/A	STAR_BASE.csv	RNAV_FLAG	Y/N Flag determines whether a STAR is RNAV required.
N/A	N/A	N/A	N/A	STAR_BASE.csv	SERVED_ARPT	List of Airports Served by the STAR.
STARDP.txt	STAR	162	AIRWAYS/NAVAIDS USING NUMBERED FIX	N/A	N/A	
STARDP.txt	DP	1	INTERNAL SEQUENCE NUMBER	N/A	N/A	
STARDP.txt	DP	6	NOT USED	N/A	N/A	
STARDP.txt	DP	11	FIX/FACILITY TYPE CODE	DP_RTE.csv	POINT_TYPE	For TYPE AA (airport) see DP_APT.csv
STARDP.txt	DP	13	NOT USED	N/A	N/A	
STARDP.txt	DP	14	FIX/NAVAID/AIRPORT LATITUDE	N/A	N/A	See specific resource for latitude information.
STARDP.txt	DP	22	FIX/NAVAID/AIRPORT LONGITUDE	N/A	N/A	See specific resource for longitude information.
N/A	N/A	N/A	N/A	DP_RTE.csv	POINT_SEQ	Sequencing number in multiples of ten. Points are in order adapted for given Segment.
STARDP.txt	DP	31	FIX/NAVAID/AIRPORT IDENTIFIER	DP_RTE.csv	POINT	For TYPE AA (airport) see DP_APT.csv
STARDP.txt	DP	31	FIX/NAVAID/AIRPORT IDENTIFIER	DP_APT.csv	ARPT_ID	
N/A	N/A	N/A	N/A	DP_APT.csv	RWY_END_ID	The Runway End Identifier if applicable.
STARDP.txt	DP	37	ICAO REGION CODE - FIX ONLY	DP_RTE.csv	ICAO_REGION_CODE	
STARDP.txt	DP	39	DP COMPUTER CODE	DP_BASE.csv, DP_RTE.csv, DP_APT.csv	DP_COMPUTER_CODE	
STARDP.txt	DP	39	DP COMPUTER CODE	DP_RTE.csv	TRANSITION_COMPUTER_CODE	
N/A	N/A	N/A	N/A	DP_RTE.csv, DP_APT.csv	BODY_SEQ	In the rare case that Body Name is not Unique for a given DP, the BODY_SEQ will uniquely identify the Segment.

STARDP.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	DP_APT.csv	BODY_NAME	The Name of the Body for which the Airport/Runway End are associated. The Body Name is the first and last Fix of the Segment.
STARDP.txt	DP	52	DP/TRANSITION NAME	DP_BASE.csv, DP_RTE.csv, DP_APT.csv	DP_NAME	
STARDP.txt	DP	52	DP/TRANSITION NAME	DP_BASE.csv	AMENDMENT_NO	
STARDP.txt	DP	52	DP/TRANSITION NAME	DP_RTE.csv	ROUTE_NAME	
N/A	N/A	N/A	N/A	DP_RTE.csv	ROUTE_PORTION_TYPE	The Segment is identified as either a Transition or Body.
N/A	N/A	N/A	N/A	DP_RTE.csv	NEXT_POINT	The Point that directly follows the current Point on an individual segment.
N/A	N/A	N/A	N/A	DP_RTE.csv	ARPT_RWY_ASSOC	
N/A	N/A	N/A	N/A	DP_BASE.csv	DP_AMEND_EFF_DATE	The First Effective Date for which the DP Amendment became Active.
N/A	N/A	N/A	N/A	DP_BASE.csv	RNAV_FLAG	Y/N Flag determines whether a DP is RNAV required.
N/A	N/A	N/A	N/A	DP_BASE.csv	GRAPHICAL_DP_TYPE	Identifies whether the Graphical DP is type SID or OBSTACLE.
N/A	N/A	N/A	N/A	DP_BASE.csv	SERVED_ARPT	List of Airports Served by the DP.
STARDP.txt	DP	162	AIRWAYS/NAVAIDS USING NUMBERED FIX	N/A	N/A	

TWR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
TWR.txt	TWR1	1	RECORD TYPE INDICATOR. TWR General Info	N/A	N/A	
TWR.txt	TWR1	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	ATC_BASE.csv	FACILITY_ID	
TWR.txt	TWR1	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	MIL_OPS.csv	ARPT_ID	
TWR.txt	TWR1	9	INFORMATION EFFECTIVE DATE (MM/DD/YYYY)	ATC_BASE.csv, MIL_OPS.csv	EFF_DATE	
TWR.txt	TWR1	19	LANDING FACILITY SITE NUMBER	ATC_BASE.csv, MIL_OPS.csv	SITE_NO	
TWR.txt	TWR1	19	LANDING FACILITY SITE NUMBER	ATC_BASE.csv, MIL_OPS.csv	SITE_TYPE_CODE	
TWR.txt	TWR1	30	FAA REGION CODE	ATC_BASE.csv	REGION_CODE	
TWR.txt	TWR1	33	ASSOCIATED STATE NAME	APT_BASE.csv	STATE_NAME	
TWR.txt	TWR1	63	ASSOCIATED STATE POST OFFICE CODE	ATC_BASE.csv, MIL_OPS.csv	STATE_CODE	
TWR.txt	TWR1	65	ASSOCIATED CITY NAME	ATC_BASE.csv, MIL_OPS.csv	CITY	
N/A	N/A	N/A	N/A	ATC_BASE.csv, MIL_OPS.csv	COUNTRY_CODE	Country Post Office Code
N/A	N/A	N/A	N/A	ATC_BASE.csv	ICAO_CODE	ICAO Identifier when Applicable
TWR.txt	TWR1	105	OFFICIAL AIRPORT NAME	ATC_BASE.csv, FRQ.csv	FACILITY_NAME	
TWR.txt	TWR1	155	AIRPORT REFERENCE POINT LATITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LAT_HEMIS	
TWR.txt	TWR1	169	AIRPORT REFERENCE POINT LATITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
TWR.txt	TWR1	180	AIRPORT REFERENCE POINT LONGITUDE (FORMATTED)	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	APT_BASE.csv	LONG_HEMIS	
TWR.txt	TWR1	194	AIRPORT REFERENCE POINT LONGITUDE (SECONDS)	N/A	N/A	CSV has separate columns that could be formatted by end user.
TWR.txt	TWR1	205	TIE-IN FLIGHT SERVICE STATION (FSS) IDENTIFIER	APT_BASE.csv	FSS_ID	
TWR.txt	TWR1	209	TIE-IN FLIGHT SERVICE STATION (FSS) NAME	APT_BASE.csv	FSS_NAME	
TWR.txt	TWR1	239	FACILITY TYPE	ATC_BASE.csv	FACILITY_TYPE	
TWR.txt	TWR1	251	NUMBER OF HOURS OF DAILY OPERATION	N/A	N/A	
TWR.txt	TWR1	253	NUMBER OF HOURS OF DAILY OPERATION INDICATION OF REGULARITY	N/A	N/A	
TWR.txt	TWR1	256	MASTER AIRPORT LOCATION IDENTIFIER (EX: LAX)	ATC_BASE.csv	APCH_P_PROVIDER	
TWR.txt	TWR1	260	NAME OF MASTER AIRPORT FURNISHING SERVICES	APT_BASE.csv	ARPT_NAME	
TWR.txt	TWR1	310	DIRECTION FINDING EQUIPMENT (TYPE)	N/A	N/A	
TWR.txt	TWR1	325	NAME OF ASSOCIATED LANDING FACILITY	N/A	N/A	
TWR.txt	TWR1	375	NAME OF THE ASSOCIATED CITY	N/A	N/A	
TWR.txt	TWR1	415	NAME OF THE ASSOCIATED STATE OR PROVINCE	N/A	N/A	
TWR.txt	TWR1	435	NAME OF ASSOCIATED STATE/COUNTRY	N/A	N/A	
TWR.txt	TWR1	460	ASSOCIATED COUNTRY/STATEPOST OFFICE CODE	N/A	N/A	
TWR.txt	TWR1	462	ASSOCIATED FAA REGION CODE	N/A	N/A	
TWR.txt	TWR1	465	AIRPORT SURVEILLANCE RADAR LATITUDE(FORMATTED)	N/A	N/A	
TWR.txt	TWR1	479	AIRPORT SURVEILLANCE RADAR LATITUDE (SECONDS)	N/A	N/A	
TWR.txt	TWR1	490	AIRPORT SURVEILLANCE RADAR LONGITUDE (FORMATTED)	N/A	N/A	
TWR.txt	TWR1	504	AIRPORT SURVEILLANCE RADAR LONGITUDE (SECONDS)	N/A	N/A	
TWR.txt	TWR1	515	LATITUDE OF DIRECTION FINDING ANTENNA (FORMATTED)	N/A	N/A	
TWR.txt	TWR1	529	LATITUDE OF DIRECTION FINDING ANTENNA (SECONDS)	N/A	N/A	
TWR.txt	TWR1	540	LONGITUDE OF DIRECTION FINDING ANTENNA(FORMATTED)	N/A	N/A	
TWR.txt	TWR1	554	LONGITUDE OF DIRECTION FINDING ANTENNA (SECONDS)	N/A	N/A	
TWR.txt	TWR1	565	NAME OF THE AGENCY THAT OPERATES THE TOWER	ATC_BASE.csv	TWR_OPERATOR_CODE	
TWR.txt	TWR1	605	NAME OF THE AGENCY THAT OPERATES MILITARY	MIL_OPS.csv	MIL_OPS_OPER_CODE	
TWR.txt	TWR1	645	NAME OF THE AGENCY THAT OPERATES THE PRIMARY APCH	ATC_BASE.csv	APCH_DEP_OPER_CODE	
TWR.txt	TWR1	685	NAME OF THE AGENCY OPERATING THE SECONDARY APCH	N/A	N/A	
TWR.txt	TWR1	725	NAME OF THE AGENCY OPERATING THE PRIMARY DEP	ATC_BASE.csv	APCH_DEP_OPER_CODE	
TWR.txt	TWR1	765	NAME OF THE AGENCY OPERATING THE SECONDARY DEP	N/A	N/A	
TWR.txt	TWR1	805	RADIO CALL USED BY PILOT TO CONTACT TOWER	ATC_BASE.csv	TWR_CALL	
TWR.txt	TWR1	805	RADIO CALL USED BY PILOT TO CONTACT TOWER	FRQ.csv	TOWER_OR_COMM_CALL	
TWR.txt	TWR1	831	RADIO CALL NAME FOR MILITARY OPERATIONS AT	MIL_OPS.csv	MIL_OPS_CALL	
TWR.txt	TWR1	857	RADIO CALL OF FACILITY THAT FURNISHES PRIMARY APPROACH	ATC_BASE.csv, FRQ.csv	PRIMARY_APCH_RADIO_CALL	
N/A	N/A	N/A	N/A	ATC_BASE.csv	APCH_P_PROVIDER	FACILITY ID of Primary APCH Provider
N/A	N/A	N/A	N/A	ATC_BASE.csv	APCH_P_PROV_TYPE_CD	Primary APCH Provider Facility Type Code

TWR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
TWR.txt	TWR1	883	RADIO CALL OF FACILITY THAT TAKES OVER APPROACH SECONDARY	ATC_BASE.csv	SECONDARY_APCH_RADIO_CALL	
N/A	N/A	N/A	N/A	ATC_BASE.csv	APCH_S_PROVIDER	FACILITY ID of Secondary APCH Provider
N/A	N/A	N/A	N/A	ATC_BASE.csv	APCH_S_PROV_TYPE_CD	Secondary APCH Provider Facility Type Code
TWR.txt	TWR1	909	RADIO CALL OF FACILITY THAT FURNISHES PRIMARY DEPARTURE	ATC_BASE.csv	PRIMARY_DEP_RADIO_CALL	
N/A	N/A	N/A	N/A	ATC_BASE.csv	DEP_P_PROVIDER	FACILITY ID of Primary DEP Provider
N/A	N/A	N/A	N/A	ATC_BASE.csv	DEP_P_PROV_TYPE_CD	Primary DEP Provider Facility Type Code
TWR.txt	TWR1	935	RADIO CALL OF FACILITY THAT TAKES OVER DEPARTURE SECONDARY	ATC_BASE.csv	SECONDARY_DEP_RADIO_CALL	
N/A	N/A	N/A	N/A	ATC_BASE.csv	DEP_S_PROVIDER	FACILITY ID of Secondary DEP Provider
N/A	N/A	N/A	N/A	ATC_BASE.csv	DEP_S_PROV_TYPE_CD	Secondary DEP Provider Facility Type Code
N/A	N/A	N/A	N/A	ATC_BASE.csv	CTL_FAC_APCH_DEP_CALLS	APCH/DEP Call if listed for all Control Facilities
TWR.txt	TWR1	961	BLANK	N/A	N/A	
TWR.txt	TWR2	1	RECORD IDENTIFIER. Operating Hours	N/A	N/A	
TWR.txt	TWR2	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	ATC_BASE.csv	FACILITY_ID	
TWR.txt	TWR2	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	MIL_OPS.csv	ARPT_ID	
TWR.txt	TWR2	9	HOURS OF OPERATION OF THE MILITARY PILOT-TO-METRO SERVICE (PMSV)	MIL_OPS.csv	PMSV_HRS	
TWR.txt	TWR2	209	HOURS OF OPERATION OF THE MILITARY AIRCRAFT COMMAND POST (MACP)	MIL_OPS.csv	AMCP_HRS	
TWR.txt	TWR2	409	HOURS OF MILITARY OPERATIONS CONDUCTED EACH DAY	MIL_OPS.csv	MIL_OPS_HRS	
N/A	N/A	N/A	N/A	MIL_OPS.csv	REMARK	Reference remark(s) on any Military field
TWR.txt	TWR2	609	HOURS OF OPERATION OF PRIMARY APPROACH	ATC_BASE.csv	CTL_PROVIDING_HRS	
TWR.txt	TWR2	809	HOURS OF OPERATION OF SECONDARY APPROACH	ATC_BASE.csv	SECONDARY_CTL_PRVDING_HRS	
TWR.txt	TWR2	1009	HOURS OF OPERATION OF PRIMARY DEPARTURE	ATC_BASE.csv	CTL_PROVIDING_HRS	
TWR.txt	TWR2	1209	HOURS OF OPERATION OF SECONDARY DEPARTURE	ATC_BASE.csv	SECONDARY_CTL_PRVDING_HRS	
TWR.txt	TWR2	1409	HOURS OF TOWER OPERATION IN LOCAL TIME	ATC_BASE.csv,FRQ.csv	TWR_HRS	
TWR.txt	TWR3	1	RECORD IDENTIFIER. Communications Frequencies	N/A	N/A	
TWR.txt	TWR3	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	FRQ.csv	FACILITY, SERVICED_FACILITY	
TWR.txt	TWR3	9	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(1)	N/A	N/A	
TWR.txt	TWR3	53	FREQUENCY USE.(1)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	103	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(2)	N/A	N/A	
TWR.txt	TWR3	147	FREQUENCY USE.(2)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	197	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(3)	N/A	N/A	
TWR.txt	TWR3	241	FREQUENCY USE.(3)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	291	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(4)	N/A	N/A	
TWR.txt	TWR3	335	FREQUENCY USE.(4)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	385	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(5)	N/A	N/A	
TWR.txt	TWR3	429	FREQUENCY USE.(5)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	479	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(6)	N/A	N/A	
TWR.txt	TWR3	523	FREQUENCY USE.(6)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	573	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(7)	N/A	N/A	
TWR.txt	TWR3	617	FREQUENCY USE.(7)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	667	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(8)	N/A	N/A	
TWR.txt	TWR3	711	FREQUENCY USE.(8)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	761	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION(9)	N/A	N/A	
TWR.txt	TWR3	805	FREQUENCY USE.(9)	FRQ.csv	FREQ_USE	
TWR.txt	TWR3	855	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(1)	FRQ.csv	FREQ	
TWR.txt	TWR3	855	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(1)	FRQ.csv	SECTORIZATION	

TWR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
TWR.txt	TWR3	915	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(2)	FRQ.csv	FREQ	
TWR.txt	TWR3	915	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(2)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	975	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(3)	FRQ.csv	FREQ	
TWR.txt	TWR3	975	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(3)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1035	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(4)	FRQ.csv	FREQ	
TWR.txt	TWR3	1035	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(4)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1095	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(5)	FRQ.csv	FREQ	
TWR.txt	TWR3	1095	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(5)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1155	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(6)	FRQ.csv	FREQ	
TWR.txt	TWR3	1155	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(6)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1215	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(7)	FRQ.csv	FREQ	
TWR.txt	TWR3	1215	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(7)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1275	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(8)	FRQ.csv	FREQ	
TWR.txt	TWR3	1275	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(8)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR3	1335	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(9)	FRQ.csv	FREQ	
TWR.txt	TWR3	1335	FREQUENCY(S) FOR MASTER AIRPORT USE ONLY AND SECTORIZATION NOT TRUNCATED(9)	FRQ.csv	SECTORIZATION	
	N/A	N/A	N/A	FRQ.csv	REMARK	Any Remark on a Frequency related field
TWR.txt	TWR3	1395	BLANK	N/A	N/A	
TWR.txt	TWR4	1	RECORD IDENTIFIER. Services Provided	N/A	N/A	
N/A	N/A	N/A	N/A	ATC_SVC.csv	EFF_DATE	Each csv has EFF_DATE
N/A	N/A	N/A	N/A	ATC_SVC.csv	SITE_NO	SITE Number listed for each ATC_SVC entry
N/A	N/A	N/A	N/A	ATC_SVC.csv	SITE_TYPE_CODE	SITE Type Code listed for each ATC_SVC entry
N/A	N/A	N/A	N/A	ATC_SVC.csv	FACILITY_TYPE	Used as part of the key for ATC_SVC.csv
N/A	N/A	N/A	N/A	ATC_SVC.csv	STATE_CODE	State Code Listed for each ATC_SVC entry
TWR.txt	TWR4	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	ATC_SVC.csv	FACILITY_ID	
N/A	N/A	N/A	N/A	ATC_SVC.csv	CITY	City Listed for each ATC_SVC entry
N/A	N/A	N/A	N/A	ATC_SVC.csv	COUNTRY_CODE	Country Post Office Code Listed for each ATC_SVC entry
TWR.txt	TWR4	9	MASTER AIRPORT SERVICES.	ATC_SVC.csv	CTL_SVC	
TWR.txt	TWR4	109	BLANK	N/A	N/A	
TWR.txt	TWR5	1	RECORD IDENTIFIER. RADAR Data	N/A	N/A	
N/A	N/A	N/A	N/A	RDR.csv	EFF_DATE	Each csv has EFF_DATE
TWR.txt	TWR5	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	RDR.csv	FACILITY_ID	
N/A	N/A	N/A	N/A	RDR.csv	FACILITY_TYPE	Facility Type for each RDR entry
N/A	N/A	N/A	N/A	RDR.csv	STATE_CODE	State Code Listed for each RDR entry
N/A	N/A	N/A	N/A	RDR.csv	COUNTRY_CODE	Country Post Office Code listed as part of key.
TWR.txt	TWR5	9	/RADAR/ OR /NON-RADAR/ PRIMARY APPROACH CALL	N/A	N/A	All APCH/DEP Control Facilities are RADAR.
TWR.txt	TWR5	18	/RADAR/ OR /NON-RADAR/ SECONDARY APPROACH CALL	N/A	N/A	All APCH/DEP Control Facilities are RADAR.
TWR.txt	TWR5	27	/RADAR/ OR /NON-RADAR/ PRIMARY DEPARTURE CALL	N/A	N/A	All APCH/DEP Control Facilities are RADAR.
TWR.txt	TWR5	36	/RADAR/ OR /NON-RADAR/ SECONDARY DEPARTURE CALL	N/A	N/A	All APCH/DEP Control Facilities are RADAR.
TWR.txt	TWR5	45	TYPE OF RADAR AT THE TOWER(1)	RDR.csv	RADAR_TYPE	
TWR.txt	TWR5	55	RADAR HOURS OF OPERATION(1)	RDR.csv	RADAR_HRS	
TWR.txt	TWR5	255	TYPE OF RADAR AT THE TOWER(2)	RDR.csv	RADAR_TYPE	
TWR.txt	TWR5	265	RADAR HOURS OF OPERATION(2)	RDR.csv	RADAR_HRS	
TWR.txt	TWR5	465	TYPE OF RADAR AT THE TOWER(3)	RDR.csv	RADAR_TYPE	

TWR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
TWR.txt	TWR5	475	RADAR HOURS OF OPERATION(3)	RDR.csv	RADAR_HRS	
TWR.txt	TWR5	675	TYPE OF RADAR AT THE TOWER(4)	RDR.csv	RADAR_TYPE	
TWR.txt	TWR5	685	RADAR HOURS OF OPERATION(4)	RDR.csv	RADAR_HRS	
N/A	N/A	N/A	N/A	RDR.csv	REMARK	Reference remark(s) on any RADAR field
TWR.txt	TWR5	885	BLANK	N/A	N/A	
TWR.txt	TWR6	1	RECORD IDENTIFIER. Remarks	N/A	N/A	
N/A	N/A	N/A	N/A	ATC_RMK.csv	EFF_DATE	Each csv has EFF_DATE
N/A	N/A	N/A	N/A	ATC_RMK.csv	SITE_NO	SITE Number listed for each ATC_RMK entry
N/A	N/A	N/A	N/A	ATC_RMK.csv	SITE_TYPE_CODE	SITE Type Code listed for each ATC_RMK entry
N/A	N/A	N/A	N/A	ATC_RMK.csv	FACILITY_TYPE	Used as part of the key for ATC_RMK.csv
N/A	N/A	N/A	N/A	ATC_RMK.csv	STATE_CODE	State Code Listed for each ATC_RMK entry
TWR.txt	TWR6	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	ATC_RMK.csv	FACILITY_ID	
N/A	N/A	N/A	N/A	ATC_RMK.csv	CITY	City Listed for each ATC_RMK entry
N/A	N/A	N/A	N/A	ATC_RMK.csv	COUNTRY_CODE	Country Post Office Code Listed for each ATC_RMK entry
TWR.txt	TWR6	9	TOWER ELEMENT NUMBER	ATC_RMK.csv	LEGACY_ELEMENT_NUMBER	
N/A	N/A	N/A	N/A	ATC_RMK.csv	TAB_NAME	Identifies the table that remark pertains to
N/A	N/A	N/A	N/A	ATC_RMK.csv	REF_COL_NAME	Identifies the Column that remark pertains to - part of key
N/A	N/A	N/A	N/A	ATC_RMK.csv	REMARK_NO	Remark number added and used as part of key
TWR.txt	TWR6	14	TOWER REMARK TEXT	ATC_RMK.csv	REMARK	
TWR.txt	TWR6	814	BLANK	N/A	N/A	
TWR.txt	TWR7	1	RECORD IDENTIFIER. Satellite Airport and Freq Info	N/A	N/A	
TWR.txt	TWR7	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	FRQ.csv	FACILITY	
TWR.txt	TWR7	9	SATELLITE FREQUENCY	FRQ.csv	FREQ	
TWR.txt	TWR7	53	SATELLITE FREQUENCY USE	N/A	N/A	
TWR.txt	TWR7	103	SATELLITE AIRPORT SITE NUMBER	APT_BASE.csv	SITE_NO	
TWR.txt	TWR7	103	SATELLITE AIRPORT SITE NUMBER	APT_BASE.csv	SITE_TYPE_CODE	
TWR.txt	TWR7	103	SATELLITE AIRPORT SITE NUMBER	FRQ.csv	SERVICED_SITE_TYPE	
TWR.txt	TWR7	114	SATELLITE AIRPORT LOCATION IDENTIFIER	FRQ.csv	SERVICED_FACILITY	
TWR.txt	TWR7	118	SATELLITE FAA REGION CODE	APT_BASE.csv	REGION_CODE	
TWR.txt	TWR7	121	SATELLITE ASSOCIATED STATE NAME	APT_BASE.csv	STATE_NAME	
TWR.txt	TWR7	151	SATELLITE ASSOCIATED STATE POST OFFICE CODE	FRQ.csv	SERVICED_STATE	
TWR.txt	TWR7	153	SATELLITE ASSOCIATED CITY	FRQ.csv	SERVICED_CITY	
N/A	N/A	N/A	N/A	FRQ.csv	SERVICED_COUNTRY	
TWR.txt	TWR7	193	SATELLITE ARPT NAME	FRQ.csv	SERVICED_FAC_NAME	
TWR.txt	TWR7	243	AIRPORT LATITUDE(FORMATTED)	N/A	N/A	
N/A	N/A	N/A	N/A	FRQ.csv	LAT_DECIMAL	APT Latitude in Decimal Format
TWR.txt	TWR7	257	AIRPORT LATITUDE (SECONDS)	N/A	N/A	
TWR.txt	TWR7	268	AIRPORT LONGITUDE (FORMATTED)	N/A	N/A	
N/A	N/A	N/A	N/A	FRQ.csv	LONG_DECIMAL	APT Longitude in Decimal Format
TWR.txt	TWR7	282	AIRPORT LONGITUDE (SECONDS)	N/A	N/A	
TWR.txt	TWR7	293	FLIGHT SERVICE STATION IDENTIFIER	APT_BASE.csv	FSS_ID	
TWR.txt	TWR7	297	FLIGHT SERVICE STATION NAME	APT_BASE.csv	FSS_NAME	
TWR.txt	TWR7	327	MASTER AIRPORT INFORMATION	APT_BASE.csv	SITE_NO	
TWR.txt	TWR7	327	MASTER AIRPORT INFORMATION	APT_BASE.csv	SITE_TYPE_CODE	
TWR.txt	TWR7	338	MASTER AIRPORT FAA REGION CODE	APT_BASE.csv	REGION_CODE	
TWR.txt	TWR7	341	MASTER AIRPORT ASSOCIATED STATE NAME	APT_BASE.csv	STATE_NAME	
TWR.txt	TWR7	371	MASTER AIRPORT ASSOCIATED STATE POST OFFICE	APT_BASE.csv	STATE_CODE	
TWR.txt	TWR7	373	MASTER AIRPORT ASSOCIATED CITY	APT_BASE.csv	CITY	
TWR.txt	TWR7	413	MASTER AIRPORT NAME	FRQ.csv	FAC_NAME	
TWR.txt	TWR7	463	SATELLITE FREQUENCY (NOT TRUNCATED)	FRQ.csv	FREQ_USE	
TWR.txt	TWR7	463	SATELLITE FREQUENCY (NOT TRUNCATED)	FRQ.csv	SECTORIZATION	
TWR.txt	TWR7	523	BLANK	N/A	N/A	
TWR.txt	TWR8	1	RECORD IDENTIFIER. Class Airspace and Hours	N/A	N/A	
N/A	N/A	N/A	N/A	CLS_ARSP.csv	EFF_DATE	Each csv has EFF_DATE
N/A	N/A	N/A	N/A	CLS_ARSP.csv	SITE_NO	Used as part of the key for CLS_ARSP.csv
N/A	N/A	N/A	N/A	CLS_ARSP.csv	SITE_TYPE_CODE	Used as part of the key for CLS_ARSP.csv
N/A	N/A	N/A	N/A	CLS_ARSP.csv	FACILITY_TYPE	Facility Type for each CLS_ARSP entry
N/A	N/A	N/A	N/A	CLS_ARSP.csv	STATE_CODE	State Code Listed for each CLS_ARSP entry
TWR.txt	TWR8	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	CLS_ARSP.csv	ARPT_ID	
N/A	N/A	N/A	N/A	CLS_ARSP.csv	CITY	City Listed for each CLS_ARSP entry

TWR.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	CLS_ARSP.csv	COUNTRY_CODE	Country Post Office Code Listed for each CLS_ARSP entry
TWR.txt	TWR8	9	CLASS B AIRSPACE	CLS_ARSP.csv	CLASS_B_AIRSPACE	
TWR.txt	TWR8	10	CLASS C AIRSPACE	CLS_ARSP.csv	CLASS_C_AIRSPACE	
TWR.txt	TWR8	11	CLASS D AIRSPACE	CLS_ARSP.csv	CLASS_D_AIRSPACE	
TWR.txt	TWR8	12	CLASS E AIRSPACE	CLS_ARSP.csv	CLASS_E_AIRSPACE	
TWR.txt	TWR8	13	AIRSPACE HOURS	CLS_ARSP.csv	AIRSPACE_HRS	
TWR.txt	TWR8	313	BLANK	N/A	N/A	
TWR.txt	TWR9	1	RECORD IDENTIFIER. ATIS Data	N/A	N/A	
N/A	N/A	N/A	N/A	ATC_ATIS.csv	EFF_DATE	Each csv has EFF_DATE
N/A	N/A	N/A	N/A	ATC_ATIS.csv	SITE_NO	Used as part of the key for ATC_ATIS.csv
N/A	N/A	N/A	N/A	ATC_ATIS.csv	SITE_TYPE_CODE	Used as part of the key for ATC_ATIS.csv
N/A	N/A	N/A	N/A	ATC_ATIS.csv	FACILITY_TYPE	Facility Type for each ATC_ATIS entry
N/A	N/A	N/A	N/A	ATC_ATIS.csv	STATE_CODE	State Code Listed for each ATC_ATIS entry
TWR.txt	TWR9	5	TERMINAL COMMUNICATIONS FACILITY IDENTIFIER	ATC_ATIS.csv	FACILITY_ID	
N/A	N/A	N/A	N/A	ATC_ATIS.csv	CITY	City Listed for each ATC_ATIS entry
N/A	N/A	N/A	N/A	ATC_ATIS.csv	COUNTRY_CODE	Country Post Office Code Listed for each ATC_ATIS entry
TWR.txt	TWR9	9	ATIS SERIAL NUMBER	ATC_ATIS.csv	ATIS_NO	
TWR.txt	TWR9	13	ATIS HOURS OF OPERATION IN LOCAL TIME	ATC_ATIS.csv	ATIS_HRS	
TWR.txt	TWR9	213	OPTIONAL DESCRIPTION OF PURPOSE, FULFILLED BY ATIS	ATC_ATIS.csv	DESCRIPTION	
TWR.txt	TWR9	313	ATIS PHONE NUMBER	ATC_ATIS.csv	ATIS_PHONE_NO	
TWR.txt	TWR9	331	BLANK	N/A	N/A	

WXL.TXT to CSV MAPPING

TXT_File	TXT_Record	TXT_Start_Location	TXT_Description	CSV_File	CSV_Column	CSV_Description
N/A	N/A	N/A	N/A	WXL_BASE.csv,WXL_SVC.csv	EFF_DATE	The 28 Day NASR Subscription Effective Date in format 'YYYY/MM/DD'.
WXL.txt	BASIC	1	WEATHER REPORTING LOCATION IDENTIFIER	WXL_BASE.csv,WXL_SVC.csv	WEA_ID	
WXL.txt	BASIC	6	LATITUDE OF THE WEATHER REPORTING LOCATION	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	WXL_BASE.csv	LAT_DEG	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LAT_MIN	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LAT_SEC	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LAT_HEMIS	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LAT_DECIMAL	Airport Reference Point Latitude in Decimal Format
WXL.txt	BASIC	14	LONGITUDE OF THE WEATHER REPORTING LOCATION	N/A	N/A	CSV has separate columns that could be formatted by end user.
N/A	N/A	N/A	N/A	WXL_BASE.csv	LONG_DEG	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LONG_MIN	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LONG_SEC	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LONG_HEMIS	
N/A	N/A	N/A	N/A	WXL_BASE.csv	LONG_DECIMAL	Airport Reference Point Longitude in Decimal Format
WXL.txt	BASIC	23	ASSOCIATED CITY	WXL_BASE.csv,WXL_SVC.csv	CITY	
WXL.txt	BASIC	63	ASSOCIATED STATE (POST OFFICE CODE)	WXL_BASE.csv,WXL_SVC.csv	STATE_CODE	
WXL.txt	BASIC	65	ASSOCIATED COUNTRY NUMERIC CODE (NON-US ONLY)	N/A	N/A	
N/A	BASIC	N/A	N/A	WXL_BASE.csv,WXL_SVC.csv	COUNTRY_CODE	Country Post Office Code Airport Located
WXL.txt	BASIC	68	WEATHER REPORTING LOCATION ELEVATION - VALUE	WXL_BASE.csv	ELEV	
WXL.txt	BASIC	73	WEATHER REPORTING LOCATION ELEVATION - ACCURACY	WXL_BASE.csv	SURVEY_METHOD_CODE	
WXL.txt	BASIC	74	WEATHER SERVICES AVAILABLE AT LOCATION	WXL_SVC.csv	WEA_SVC_TYPE_CODE	
WXL.txt	BASIC	134	BLANK	N/A	N/A	
WXL.txt	COLLECTIVES	1	CONTINUATION RECORD INDICATOR (*)	N/A	N/A	
WXL.txt	COLLECTIVES	2	COLLECTIVE WEATHER SERVICE TYPE	N/A	N/A	
WXL.txt	COLLECTIVES	7	COLLECTIVE NUMBER	N/A	N/A	
WXL.txt	COLLECTIVES	8	BLANK	N/A	N/A	
WXL.txt	AFFECTED AREAS	1	CONTINUATION RECORD INDICATOR (*)	N/A	N/A	
WXL.txt	AFFECTED AREAS	2	AFFECTED AREA WEATHER SERVICE TYPE	WXL_SVC.csv	WEA_SVC_TYPE_CODE	
WXL.txt	AFFECTED AREAS	7	AFFECTED AREAS - STATES/AREAS	WXL_SVC.csv	WEA_AFFECT_AREA	
WXL.txt	AFFECTED AREAS	21	BLANK	N/A	N/A	