



NATIONAL FLIGHT DATA DIGEST

Aeronautical Information Services
Toll Free 1-866-295-8236

Wednesday

NO. 210

11/01/2023

NAVAID/COM

NEW YORK NFDD 210 - 1 11/01/2023
MONTICELLO - SULLIVAN COUNTY INTL(MSV)
AWOS-3PT MSV
LATITUDE 41-42-20.1738 N MODIFIED
LONGITUDE 074-48-01.3718 W MODIFIED
ELEVATION 1401.1 MODIFIED

TEXAS NFDD 210 - 2 11/01/2023
NAVASOTA - NAVASOTA MUNI(60R)
AWOS-3PT 60R
WX SENSOR IDENT 60R ADDED
LATITUDE 30-22-12.369 N ADDED
LONGITUDE 096-06-44.144 E ADDED
ELEVATION 220 ADDED
TYPE AWOS-3PT ADDED
STATUS COMMISSIONED ADDED
FREQUENCY 120.95 ADDED
PHONE NUMBER 936-825-0798 ADDED
CITY NAVASOTA ADDED

NAVAIDS

MASSACHUSETTS NFDD 210 - 1 11/01/2023
SPRINGFIELD/CHICOPEE
WESTOVER TACAN
IDENT CEF
LAT 42-11-51.1596 N
LONG 072-31-34.7338 W
RMK -.MILITARY VALIDATED (FIL KCEF-227161)-. NOTE
RMK NO-NOTAM MP 1600-1900Z++ WED AND FRI. MODIFIED

INSTRUMENT LANDING SYSTEMS

MASSACHUSETTS NFDD 210 - 1 11/01/2023
SPRINGFIELD/CHICOPEE
WESTOVER ARB/METRO AIRPORT ILS RWY 05
IDENT I-GWJ
RMK -.MILITARY VALIDATED (FIL KCEF-227161)-. NOTE

RMK NO NOTAM MP 1100-1600Z++ MON & WED.

ADDED

MASSACHUSETTS

NFDD 210 - 2

11/01/2023

SPRINGFIELD/CHICOPEE

WESTOVER ARB/METRO AIRPORT ILS RWY 23

IDENT I-CEF

RMK -.MILITARY VALIDATED (FIL KCEF-227161)-.

NOTE

RMK MNT 1200-0400Z++. NO NOTAM MP 1100-1600Z++ MON & WED.

MODIFIED

AIR TRAFFIC CONTROL TOWERS

INDIANA

NFDD 210 - 1

11/01/2023

PERU

GRISSOM ARB-ATCT-RAPCON

IDENT GUS

FREQUENCIES

FREQUENCY 338.275

FREQ SECTORIZATION ;EAST

DELETED

FREQUENCY USE APCH/P DEP/P IC

DELETED

FREQUENCY 351.8

ADDED

FREQ SECTORIZATION ;EAST

ADDED

FREQUENCY USE APCH/P DEP/P IC

ADDED

RMK ***MILITARY VALIDATED FIL-KGUS-227359***

NOTE

NEBRASKA

NFDD 210 - 2

11/01/2023

OMAHA

EPPLEY AIRFIELD-ATCT

IDENT OMA

FREQUENCIES

APCH/DEP CALL OMAHA

SVC PRVDR NAME OMAHA TRACON

DELETED

FREQUENCY 120.1

DELETED

FREQUENCY USE CATTL DP

DELETED

APCH/DEP CALL OMAHA

SVC PRVDR NAME OMAHA TRACON

DELETED

FREQUENCY 354.05

DELETED

FREQUENCY USE CATTL DP

DELETED

APCH/DEP CALL OMAHA

SVC PRVDR NAME OMAHA TRACON

DELETED

FREQUENCY 124.5

DELETED

FREQUENCY USE BLUFS DP

DELETED

APCH/DEP CALL OMAHA

SVC PRVDR NAME OMAHA TRACON

DELETED

FREQUENCY	263.0	DELETED
FREQUENCY USE	BLUFS DP	DELETED

ARTCC COMMUNICATIONS FREQUENCIES

TENNESSEE		NFDD 210 - 1	11/01/2023
MEMPHIS			
MEMPHIS ARTCC			
IDENT	ZME		
ICAO IDENT	KZME		
RCAG			
SITE BRINKLEY, AR			
LATITUDE - 34-55-10.0 N		LONGITUDE - 091-06-11.0 W	
FREQUENCY	296.7		DELETED
ALTITUDE	HIGH		DELETED
CHARTED	NO		DELETED
FREQUENCY	317.45		ADDED
ALTITUDE	HIGH		ADDED
CHARTED	NO		ADDED

AIRPORT

ALABAMA		NFDD 210 - 1	11/01/2023
ASHLAND/LINEVILLE			
ASHLAND/LINEVILLE AIRPORT		(26A)	00135.A
LATITUDE - 33-17-03.11 N		LONGITUDE - 085-48-32.275 W	
RWY ID	09/27		
RMK PCN VALUE: PCR VALUE: 70/F/B/X/U.			ADDED

ALASKA		NFDD 210 - 2	11/01/2023
KENAI			
BUTLER AVIATION AIRPORT		(6AK3)	50410.19A PRIVATE
LATITUDE - 60-43-45.986 N		LONGITUDE - 151-16-41.046 W	
CTAF	122.7		ADDED

ALASKA		NFDD 210 - 3	11/01/2023
KENAI			
CARTYS AIRSTRIP AIRPORT		(8AK2)	50410.12A PRIVATE
LATITUDE - 60-42-07.73 N		LONGITUDE - 151-17-38.3 W	
CTAF	122.7		ADDED

ALASKA **NFDD 210 - 4** 11/01/2023
 KENAI
 HENLEY AIRPORT (75AK) 50410.22A **PRIVATE**
 LATITUDE - 60-35-35.04 N LONGITUDE - 151-19-40.64 W
 CTAF 121.3 **ADDED**

ALASKA **NFDD 210 - 5** 11/01/2023
 KENAI
 JOHNSON AIRPORT (3AK4) 50410.17A **PRIVATE**
 LATITUDE - 60-37-56.96 N LONGITUDE - 151-20-24.048 W
 CTAF 121.3 **ADDED**

ALASKA **NFDD 210 - 6** 11/01/2023
 KENAI
 TREASURE CHEST AIRPORT (AA16) 50410.20A **PRIVATE**
 LATITUDE - 60-37-29.31 N LONGITUDE - 151-17-40.2 W
 UNICOM FREQ 122.7 **DELETED**
 CTAF 122.3 **ADDED**

ALASKA **NFDD 210 - 7** 11/01/2023
 LAWING
 LAWING AIRPORT (9Z9) 50447.A
 LATITUDE - 60-24-42.785 N LONGITUDE - 149-22-09.63 W
 INSPECTOR CODE CONTRACTOR INSPECTED **MODIFIED**
 WIND INDICATOR YES **RECAP**
 BOTTLE OXYGEN NONE **DELETED**
 BULK OXYGEN NONE **DELETED**
 RMK WIND INDICATOR: WINDSOCK BLW TREELINE; MAY BE UNRELIABLE. **MODIFIED**
 RMK RY UNDULATES; SOFT DRG SPRING THAW; RUTS ON EAST SIDE. **DELETED**
 RMK MAINT IREG. **MODIFIED**
 RMK RWY COND UNMNT; RCMND VISUAL INSP BFR USE. **MODIFIED**
 RMK OVRN DOWNSLOPE 5%. **MODIFIED**
 RMK VEHICLES ON RWY. **MODIFIED**
 RMK RY 15/33 THLD PANELS DAMAGED. **DELETED**
 RWY ID 15/33
 RMK RWY ID: THR PANELS DMGD. UNDULATES; SOFT DURG SPRING; **ADDED**
 RUTS E SIDE.
 RWY END 15
 RMK MKG TYPE - COND: EDGE NOT MKD. **MODIFIED**
 RMK RWY END: APCH SLOPE 0:1. **ADDED**
 RWY END 33
 RMK RWY END: APCH SLOPE 0:1. **ADDED**
 RMK MKG TYPE - COND: EDGE NOT MKD. **ADDED**

ALASKA **NFDD 210 - 8** 11/01/2023
 NIKISKI
 HIGH VISTA AIRPORT (AK11) 50529.7A **PRIVATE**
 LATITUDE - 60-46-23.4 N LONGITUDE - 151-13-49.9 W
 CTAF 122.7 **ADDED**

ALASKA **NFDD 210 - 9** 11/01/2023
 NIKISKI
 OFFSHORE SYSTEMS-KENAI HELIPORT (1AK5) 50529.78H **PRIVATE**

LATITUDE -	60-44-23.0 N	LONGITUDE -	151-18-30.0 W	
CTAF	122.7			ADDED
ALASKA		NFDD 210 - 10		11/01/2023
WASILLA				
WASILLA LAKE SEAPLANE BASE		(5L6)	50870.2C	
LATITUDE -	61-35-11.062 N	LONGITUDE -	149-24-26.997 W	
BOTTLE OXYGEN	NONE			DELETED
BULK OXYGEN	NONE			DELETED
RMK	OPRG AREA IN WASILLA LAKE; WATCH FOR SWIMMERS WEST END OF LAKE.			DELETED
RMK	NO AIRCRAFT SVC AVBL TO TRAN ACFT.			DELETED
RMK	PUB BEACH & SWIMMING AREA ON SOUTH WEST SHORE.			DELETED
RMK	DOCK NE SHORE.			MODIFIED
RMK	CTN: SWIMMING & WATERCRAFT INVOF.			ADDED
RMK	TSNT SVC NA.			ADDED
ARIZONA		NFDD 210 - 11		11/01/2023
OVERGAARD				
MOGOLLON AIRPARK AIRPORT		(AZ82)	00741.9A	PRIVATE
LATITUDE -	34-23-50.137 N	LONGITUDE -	110-31-47.445 W	
RMK	CTAF: TWO WAY COMM REQ.			ADDED
RMK	NIGHT OPS NA.			MODIFIED
RMK	RWY 21 CALM WIND RUNWAY			DELETED
RMK	TALL TREES BOTH ENDS OF RY.			DELETED
RMK	TWO WAY COMMUNICATIONS REQUIRED. CTAF FREQUENCY 122.9			DELETED
RMK	DENSITY ALT CAN EXCEED 10000 FT. EXP WIND SHEAR & TURB DURG HIGH WIND.			MODIFIED
RMK	LN OF SIGHT BTN RWY ENDS NA. ACTVT AWOS REBCST TO ANNC TKOFF INTNS - FOUR CLICKS.			MODIFIED
CTAF	122.9			ADDED
RWY ID	03/21			
RMK	RWY_LEN: RY 03 HAS 700 X 30 FT OVERUN. RY 21 HAS 1200 X 30 FT OVERUN.			DELETED
RMK	RWY ID: RWY 21 CALM WIND RWY. TALL TREES BOTH ENDS.			ADDED
RMK	RWY_LEN: RWY 03 OVRN 30 X 700 FT; RWY 21 OVRN 30 X 1200 FT.			ADDED
RWY END	21			
VGSI	APAP ON LEFT SIDE OF RUNWAY			DELETED
RMK	VGSI: PNIL RY 21 NOT LIGHTED.			DELETED
CALIFORNIA		NFDD 210 - 12		11/01/2023
LONE PINE				
LONE PINE/DEATH VALLEY AIRPORT		(O26)	01791.A	
LATITUDE -	36-35-19.3 N	LONGITUDE -	118-02-57.8 W	
RMK	FUEL: A: FUEL JET A LTD; MUST MAKE PRIOR ARNGMTS WITH FUEL PRVDR 760-872-2971.			MODIFIED
CALIFORNIA		NFDD 210 - 13		11/01/2023
YUCCA VALLEY				
YUCCA VALLEY AIRPORT		(L22)	02496.1A	
LATITUDE -	34-07-47.4 N	LONGITUDE -	116-24-24.8 W	
RMK	PRKG OR RUNUPS WI 125 FT OF RWY CNTRLN ARE NOT ALLOWED; RUNUPS FOR RWY 24 MUST BE DONE ON THE RAMP SE OF THE RWY 24 THLD.			ADDED

RMK THE TXL SW OF RWY 24 IS FOR EXCLV USE OF THE TWO EXISTING HNGRS. ADDED

INDIANA NFDD 210 - 14 11/01/2023
CROWN POINT
FRANCISCAN HEALTH CROWN POINT HOSPITAL HELIPORT (IN19) 05214.03H PRIVATE
LATITUDE - 41-23-20.0 N LONGITUDE - 087-19-18.0 W
ARPT ELEV 725 E ADDED
ARPT ELEV DATE 10/20/2023 ADDED
ARPT ELEV SOURCE ADO ADDED
LATITUDE 41-23-20.0 N ADDED
LONGITUDE 087-19-18.0 W ADDED
ARPT PSN DATE 10/20/2023 ADDED
ARPT PSN SOURCE ADO ADDED
ARPT NAME FRANCISCAN HEALTH CROWN POINT ADDED
HOSPITAL
CITY CROWN POINT ADDED
ARPT ID IN19 ADDED
ARPT SITE NO 05214.03H ADDED
AIRPORT USE PRIVATE ADDED
ARPT STATUS OPERATIONAL ADDED
FSS ID HUF*TERRE HAUTE ADDED
FSS TOLL FREE NUMBER 1-800-WX-BRIEF ADDED
INSPECTOR CODE NOT INSPECTED ADDED
AIRSPACE DETERMINATION CONDL ADDED
MIN OPERATIONAL NETWORK NO ADDED
RWY ID H1
LENGTH 80 ADDED
LENGTH DATE 10/20/2023 ADDED
LENGTH SOURCE ADO ADDED
WIDTH 80 ADDED
SURFACE CONC ADDED
RWY END H1
RWY END H1 ADDED

IOWA NFDD 210 - 15 11/01/2023
ROCK RAPIDS
ROCK RAPIDS MUNI AIRPORT (RRQ) 06292.1A
LATITUDE - 43-27-07.996 N LONGITUDE - 096-10-47.197 W
RMK FOR CD CTC SIOUX FALLS APCH AT 605-336-8602, WHEN APCH CLSD CTC MODIFIED
MINNEAPOLIS ARTCC AT 651-463-5588.

LOUISIANA NFDD 210 - 16 11/01/2023
RUSTON
RUSTON RGNL AIRPORT (RSN) 07726.1A
LATITUDE - 32-30-47.609 N LONGITUDE - 092-35-18.401 W
RWY ID 18/36
PCN VALUE 30/F/B/X/T ADDED
S WGT THSD LBS 78 ADDED
D WGT THSD LBS 119 ADDED

MAINE NFDD 210 - 17 11/01/2023
NORRIDGEWOCK
CENTRAL MAINE/NORRIDGEWOCK AIRPORT (OWK) 08167.A

LATITUDE -	44-42-55.8 N	LONGITUDE -	069-51-59.3 W	
RWY ID	15/33			
RWY END	15			
CTLG OBSTN	TREE			ADDED
RMK	MKG TYPE - COND: NRS & CNTRLN FADED.			DELETED
RWY END	33			
RMK	MKG TYPE - COND: NRS & CNTRLN FADED.			DELETED
MAINE		NFDD 210 - 18	11/01/2023	
OLD TOWN				
DEWITT FLD/OLD TOWN MUNI AIRPORT		(OLD)	08191.A	
LATITUDE -	44-57-08.406 N	LONGITUDE -	068-40-28.184 W	
RWY ID	04/22			
RWY END	04			
RMK	MKG TYPE - COND: FADED.			ADDED
RWY END	22			
RMK	MKG TYPE - COND: FADED.			ADDED
RWY ID	12/30			
RWY END	12			
RMK	MKG TYPE - COND: FADED.			ADDED
RWY END	30			
RMK	MKG TYPE - COND: FADED.			ADDED
MASSACHUSETTS		NFDD 210 - 19	11/01/2023	
ORANGE				
ORANGE MUNI AIRPORT		(ORE)	09187.A	
LATITUDE -	42-34-11.991 N	LONGITUDE -	072-17-18.592 W	
RMK	AFT HRS EMERG/FUEL PHONE CTC 413-348-3654.			ADDED
MINNESOTA		NFDD 210 - 20	11/01/2023	
DULUTH				
SKY HARBOR AIRPORT		(DYT)	10655.A	
LATITUDE -	46-43-19.641 N	LONGITUDE -	092-02-39.789 W	
ARPT ATTEND SKED	ALL/ MON-FRI/ 0800-1700			MODIFIED
MINNESOTA		NFDD 210 - 21	11/01/2023	
EVELETH				
EVELETH/VIRGINIA MUNI AIRPORT		(EVM)	10677.A	
LATITUDE -	47-25-27.0 N	LONGITUDE -	092-29-47.6 W	
ARPT ATTEND SKED	ALL/ MON-FRI/ 0800-1900			DELETED
ARPT ATTEND SKED	ALL/ SAT/ 0800-1800			DELETED
ARPT ATTEND SKED	ALL/ SUN/ 0900-1700			DELETED
ARPT ATTEND SKED	UNATNDD/ /			ADDED
MINNESOTA		NFDD 210 - 22	11/01/2023	
TYLER				
TYLER MUNI AIRPORT		(63Y)	11030.5A	
LATITUDE -	44-17-17.845 N	LONGITUDE -	096-09-03.44 W	
RMK	ARPT CLSD WINTER MONTHS. CK NOTAMS FOR STATUS.			MODIFIED
MONTANA		NFDD 210 - 23	11/01/2023	
HELENA				
FORT HARRISON AAF AIRPORT		(MT15)	12401.3A PRIVATE	

LATITUDE -	46-37-29.95 N	LONGITUDE -	112-06-39.55 W	
LATITUDE	46-37-29.95 N			MODIFIED
LONGITUDE	112-06-39.55 W			MODIFIED
RWY ID	05/23			
LENGTH	2185			MODIFIED
WIDTH	100			RECAP
SURFACE	TURF			RECAP
RWY END	05			
LATITUDE	46-37-25.56 N			MODIFIED
LONGITUDE	112-06-53.85 W			MODIFIED
RWY END PSN DATE	10/30/2023			MODIFIED
RWY END	23			
LATITUDE	46-37-34.34 N			MODIFIED
LONGITUDE	112-06-25.26 W			MODIFIED
RWY END PSN DATE	10/30/2023			MODIFIED
RWY END PSN SOURCE	MILITARY			ADDED
RMKMILITARY VALIDATED (FILL USAASA 2024-017)....			NOTE

NEW MEXICO		NFDD 210 - 24	11/01/2023	
SILVER CITY				
GRANT COUNTY AIRPORT		(SVC)	14737.A	
LATITUDE -	32-38-11.569 N	LONGITUDE -	108-09-22.986 W	
RMK	TWY A2, A3 & A4 UNUSBL COCKPIT TO MAIN GEAR LEN OVR 40 FT.			ADDED
RWY ID	08/26			
LENGTH	6803			RECAP
WIDTH	100			RECAP
SURFACE	ASPH - GOOD			RECAP
SURF TREATMENT	GRVD			MODIFIED

TEXAS		NFDD 210 - 25	11/01/2023	
CORPUS CHRISTI				
WALDRON FLD NOLF AIRPORT		(NWL)	23662.A	PRIVATE
LATITUDE -	27-38-09.0385 N	LONGITUDE -	097-18-48.5589 W	
ARPT ELEV	26.7 S			MODIFIED
ARPT ELEV DATE	10/06/2023			ADDED
LATITUDE	27-38-09.0385 N			MODIFIED
LONGITUDE	097-18-48.5589 W			MODIFIED
ARPT PSN DATE	10/06/2023			ADDED
RWY ID	13/31			
LENGTH	4365			MODIFIED
LENGTH DATE	10/06/2023			ADDED
LENGTH SOURCE	MILITARY			ADDED
WIDTH	150			RECAP
SURFACE	ASPH - GOOD			RECAP
RWY END	13			
ELEVATION	22.4			ADDED
RWY END ELEV DATE	10/06/2023			ADDED
RWY END ELEV SOURCE	MILITARY			ADDED
LATITUDE	27-38-28.08 N			ADDED
LONGITUDE	097-18-58.57 W			ADDED
RWY END PSN DATE	10/06/2023			ADDED
RWY END PSN SOURCE	MILITARY			ADDED
THRESH DSPLCD	63			MODIFIED
DSPL THR ELEVATION	22.4			ADDED

DSPL THR ELEV DATE	10/06/2023	ADDED
DSPL THR ELEV SOURCE	MILITARY	ADDED
DSPL THR LATITUDE	27-38-27.64 N	ADDED
DSPL THR LONGITUDE	097-18-58.08 W	ADDED
DSPL THR PSN DATE	10/06/2023	ADDED
DSPL THR PSN SOURCE	MILITARY	ADDED
TDZ ELEVATION	23.4	ADDED
TDZ ELEV DATE	10/06/2023	ADDED
TDZ ELEV SOURCE	MILITARY	ADDED
MKG TYPE - COND	BSC - GOOD	ADDED
MIL OVERRUN LEN	331	ADDED
RWY END	31	
ELEVATION	21.5	ADDED
RWY END ELEV DATE	10/06/2023	ADDED
RWY END ELEV SOURCE	MILITARY	ADDED
LATITUDE	27-37-57.46 N	ADDED
LONGITUDE	097-18-24.32 W	ADDED
RWY END PSN DATE	10/06/2023	ADDED
RWY END PSN SOURCE	MILITARY	ADDED
THRESH DSPLCD	129	MODIFIED
DSPL THR ELEVATION	22	ADDED
DSPL THR ELEV DATE	10/06/2023	ADDED
DSPL THR ELEV SOURCE	MILITARY	ADDED
DSPL THR LATITUDE	27-37-58.37 N	ADDED
DSPL THR LONGITUDE	097-18-25.33 W	ADDED
DSPL THR PSN DATE	10/06/2023	ADDED
DSPL THR PSN SOURCE	MILITARY	ADDED
TDZ ELEVATION	23.7	ADDED
TDZ ELEV DATE	10/06/2023	ADDED
TDZ ELEV SOURCE	MILITARY	ADDED
MKG TYPE - COND	BSC - GOOD	ADDED
MIL OVERRUN LEN	316	ADDED
RWY ID	18/36	
LENGTH	4821	MODIFIED
LENGTH DATE	10/06/2023	ADDED
LENGTH SOURCE	MILITARY	ADDED
WIDTH	150	RECAP
SURFACE	ASPH - GOOD	RECAP
RWY END	18	
ELEVATION	22	ADDED
RWY END ELEV DATE	10/06/2023	ADDED
RWY END ELEV SOURCE	MILITARY	ADDED
LATITUDE	27-38-29.53 N	ADDED
LONGITUDE	097-18-54.93 W	ADDED
RWY END PSN DATE	10/06/2023	ADDED
RWY END PSN SOURCE	MILITARY	ADDED
THRESH DSPLCD	263	MODIFIED
DSPL THR ELEVATION	22	ADDED
DSPL THR ELEV DATE	10/06/2023	ADDED
DSPL THR ELEV SOURCE	MILITARY	ADDED
DSPL THR LATITUDE	27-38-26.93 N	ADDED
DSPL THR LONGITUDE	097-18-54.93 W	ADDED
DSPL THR PSN DATE	10/06/2023	ADDED
DSPL THR PSN SOURCE	MILITARY	ADDED
TDZ ELEVATION	26.1	ADDED

TDZ ELEV DATE	10/06/2023	ADDED
TDZ ELEV SOURCE	MILITARY	ADDED
MKG TYPE - COND	BSC - GOOD	ADDED
MIL OVERRUN LEN	69	ADDED
RWY END	36	
ELEVATION	26.4	ADDED
RWY END ELEV DATE	10/06/2023	ADDED
RWY END ELEV SOURCE	MILITARY	ADDED
LATITUDE	27-37-41.79 N	ADDED
LONGITUDE	097-18-55.07 W	ADDED
RWY END PSN DATE	10/06/2023	ADDED
RWY END PSN SOURCE	MILITARY	ADDED
THRESH DSPLCD	179	MODIFIED
DSPL THR ELEVATION	26.3	ADDED
DSPL THR ELEV DATE	10/06/2023	ADDED
DSPL THR ELEV SOURCE	MILITARY	ADDED
DSPL THR LATITUDE	27-37-43.56 N	ADDED
DSPL THR LONGITUDE	097-18-55.06 W	ADDED
DSPL THR PSN DATE	10/06/2023	ADDED
DSPL THR PSN SOURCE	MILITARY	ADDED
TDZ ELEVATION	26.7	ADDED
TDZ ELEV DATE	10/06/2023	ADDED
TDZ ELEV SOURCE	MILITARY	ADDED
MKG TYPE - COND	BSC - GOOD	ADDED
MIL OVERRUN LEN	99	ADDED
RMKMILITARY VALIDATED (FIL KNWL-226887)....	NOTE

AIRSPACE FIXES

ALL AZIMUTHS ARE MAGNETIC AND FROM THE FACILITY.
ALL DISTANCES ARE IN NAUTICAL MILES.

EFFECTIVE 12/28/2023 OR AS NOTED THE FOLLOWING AIRSPACE FIXES
ARE ESTABLISHED MODIFIED OR CANCELLED AS INDICATED.

* * * ESTABLISHED * * *

GEORGIA		NFDD 210 - 1	11/01/2023
JRSIC			
LATITUDE	31-16-00.00 N		
LATITUDE	31-16-00.00 N		EFF: 01/25/2024
LONGITUDE	081-35-00.00 W		
LONGITUDE	081-35-00.00 W		EFF: 01/25/2024
ARTCC	ZJX		
FIX TYPE	WAYPOINT		
CHARTING	ENROUTE HIGH		
CHARTING	CONTROLLER HIGH		
ICAO REGION	K7		

VIRGINIA		NFDD 210 - 2	11/01/2023
ACADI			
LATITUDE	38-55-41.88 N		
LONGITUDE	078-15-11.06 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		

VIRGINIA		NFDD 210 - 3	11/01/2023
BUMFS			
LATITUDE	38-36-22.90 N		
LONGITUDE	077-51-42.76 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

VIRGINIA		NFDD 210 - 4	11/01/2023
GAVME			
LATITUDE	38-42-30.69 N		
LONGITUDE	077-18-24.75 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

VIRGINIA		NFDD 210 - 5	11/01/2023
LUCEY			
LATITUDE	38-50-51.89 N		
LONGITUDE	077-14-06.16 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		

VIRGINIA		NFDD 210 - 6	11/01/2023
NONIE			
LATITUDE	38-18-04.83 N		
LONGITUDE	077-18-35.62 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

VIRGINIA		NFDD 210 - 7	11/01/2023
PEATA			
LATITUDE	38-48-32.67 N		
LONGITUDE	077-15-18.05 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		

CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
VIRGINIA		NFDD 210 - 8	11/01/2023
RUVLE			
LATITUDE	38-40-37.62 N		
LONGITUDE	077-51-31.43 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
VIRGINIA		NFDD 210 - 9	11/01/2023
SHEFU			
LATITUDE	38-42-20.05 N		
LONGITUDE	077-49-11.25 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
VIRGINIA		NFDD 210 - 10	11/01/2023
SWIIT			
LATITUDE	38-13-35.27 N		
LONGITUDE	077-22-13.55 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		
VIRGINIA		NFDD 210 - 11	11/01/2023
TADLE			
LATITUDE	38-45-45.60 N		
LONGITUDE	077-16-44.25 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		

* * * MODIFIED * * *

KANSAS		NFDD 210 - 12	11/01/2023	
COGMU				
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*191.00/1.60			MODIFIED
LATITUDE	37-35-45.83 N			MODIFIED
LONGITUDE	097-16-36.75 W			MODIFIED
ARTCC	ZKC			

FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
CHARTING INFO	RNAV		
ICAO REGION	K3		
KANSAS		NFDD 210 - 13	11/01/2023
HEPDU			
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*185.00/5.90		MODIFIED
LATITUDE	37-31-28.61 N		MODIFIED
LONGITUDE	097-17-15.10 W		MODIFIED
ARTCC	ZKC		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
CHARTING INFO	RNAV		DELETED
ICAO REGION	K3		
KANSAS		NFDD 210 - 14	11/01/2023
JLOR			
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*191.00/15.00		MODIFIED
LATITUDE	37-22-48.19 N		MODIFIED
LONGITUDE	097-20-57.74 W		MODIFIED
ARTCC	ZKC		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
CHARTING INFO	RNAV		
ICAO REGION	K3		
KANSAS		NFDD 210 - 15	11/01/2023
JUDEL			
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*006.35/1.80		MODIFIED
LATITUDE	37-39-05.04 N		MODIFIED
LONGITUDE	097-15-41.06 W		MODIFIED
ARTCC	ZKC		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
CHARTING INFO	RNAV		
ICAO REGION	K3		
KANSAS		NFDD 210 - 16	11/01/2023
NEDME			
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*006.35/6.00		MODIFIED
LATITUDE	37-43-13.22 N		MODIFIED
LONGITUDE	097-14-43.97 W		MODIFIED
ARTCC	ZKC		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
CHARTING INFO	RNAV		
ICAO REGION	K3		
KANSAS		NFDD 210 - 17	11/01/2023
NELTS			
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*006.35/15.00		MODIFIED
LATITUDE	37-52-05.00 N		MODIFIED

LONGITUDE	097-12-41.29 W	MODIFIED
ARTCC	ZKC	
FIX TYPE	MIL REP-PT	
CHARTING	MILITARY IAP	
CHARTING INFO	RNAV	
ICAO REGION	K3	
KANSAS	NFDD 210 - 18	11/01/2023
PURKE		
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*011.00/15.00	MODIFIED
LATITUDE	37-51-48.91 N	MODIFIED
LONGITUDE	097-11-11.34 W	MODIFIED
ARTCC	ZKC	
FIX TYPE	MIL REP-PT	
CHARTING	MILITARY IAP	
CHARTING INFO	RNAV	
ICAO REGION	K3	
KANSAS	NFDD 210 - 19	11/01/2023
WARUN		
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*011.00/6.00	MODIFIED
LATITUDE	37-43-06.79 N	MODIFIED
LONGITUDE	097-14-08.06 W	MODIFIED
ARTCC	ZKC	
FIX TYPE	MIL REP-PT	
CHARTING	MILITARY IAP	
CHARTING INFO	RNAV	DELETED
ICAO REGION	K3	
KANSAS	NFDD 210 - 20	11/01/2023
WAVEX		
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*011.00/1.80	MODIFIED
LATITUDE	37-39-03.11 N	MODIFIED
LONGITUDE	097-15-30.29 W	MODIFIED
ARTCC	ZKC	
FIX TYPE	MIL REP-PT	
CHARTING	MILITARY IAP	
ICAO REGION	K3	
KANSAS	NFDD 210 - 21	11/01/2023
WIBOD		
NAV-FAC-AZIMUTH/DSTC	IAB*TACAN*191.00/5.90	MODIFIED
LATITUDE	37-31-36.31 N	MODIFIED
LONGITUDE	097-18-00.67 W	MODIFIED
ARTCC	ZKC	
FIX TYPE	MIL REP-PT	
CHARTING	MILITARY IAP	
CHARTING INFO	RNAV	DELETED
ICAO REGION	K3	
MARYLAND	NFDD 210 - 22	11/01/2023
BACKY		
LATITUDE	39-00-57.71 N	

LONGITUDE	076-05-04.92 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	AREA	EFF: 01/25/2024	ADDED
CHARTING	STAR		
CHARTING	ENROUTE LOW		
CHARTING	CONTROLLER LOW		
ICAO REGION	K6		

HOLDING PATTERNS

EFFECTIVE 12/28/2023 OR AS NOTED THE FOLLOWING HOLDING PATTERNS ARE ESTABLISHED MODIFIED OR CANCELLED AS INDICATED. ONLY HOLDING PATTERNS AFFECTING CHARTS ARE INCLUDED IN THE LISTING.

* * * ESTABLISHED * * *

DELAWARE		NFDD 210 - 1	11/01/2023
DUPONT VORTAC*DE	PATTERN - 4		
HOLD-DIR	SW		EFF: 01/25/2024
DEGREES	235		EFF: 01/25/2024
AZIMUTH	RNAV		EFF: 01/25/2024
CRS-INB	055		EFF: 01/25/2024
TURN-DIR	L		EFF: 01/25/2024
LEG LENGTH OUTBOUND	4 NM		EFF: 01/25/2024
CHARTING	STAR		EFF: 01/25/2024

ILLINOIS		NFDD 210 - 2	11/01/2023
REVCO INT*IL*K5	PATTERN - 1		
DEFINING RESOURCE	SQI*LD		
HOLD-DIR	E		EFF: 01/25/2024
DEGREES	072		EFF: 01/25/2024
AZIMUTH	CRS		EFF: 01/25/2024
CRS-INB	252		EFF: 01/25/2024
TURN-DIR	R		EFF: 01/25/2024
CHARTING	IAP		EFF: 01/25/2024
ILS COMP TYPE CODE	LOC		EFF: 01/25/2024

KANSAS		NFDD 210 - 3	11/01/2023
HEKLO INT*K5*K3	PATTERN - 1		
DEFINING RESOURCE	IAB*TACAN		
HOLD-DIR	S		
DEGREES	185		
AZIMUTH	RAD		
CRS-INB	005		
TURN-DIR	R		

LEG LENGTH OUTBOUND CHARTING	4 NM MILITARY IAP		
KANSAS		NFDD 210 - 4	11/01/2023
JILOR INT*KS*K3	PATTERN - 1		
DEFINING RESOURCE	IAB*TACAN		
HOLD-DIR	S		
DEGREES	191		
AZIMUTH	RAD		
CRS-INB	011		
TURN-DIR	R		
LEG LENGTH OUTBOUND CHARTING	4 NM MILITARY IAP		
KANSAS		NFDD 210 - 5	11/01/2023
NELTS INT*KS*K3	PATTERN - 1		
DEFINING RESOURCE	IAB*TACAN		
HOLD-DIR	N		
DEGREES	006		
AZIMUTH	RAD		
CRS-INB	186		
TURN-DIR	L		
LEG LENGTH OUTBOUND CHARTING	4 NM MILITARY IAP		
KANSAS		NFDD 210 - 6	11/01/2023
PURKE INT*KS*K3	PATTERN - 1		
DEFINING RESOURCE	IAB*TACAN		
HOLD-DIR	N		
DEGREES	011		
AZIMUTH	RAD		
CRS-INB	191		
TURN-DIR	L		
LEG LENGTH OUTBOUND CHARTING	4 NM MILITARY IAP		
MARYLAND		NFDD 210 - 7	11/01/2023
BACKY WP*MD*K6	PATTERN - 2		
HOLD-DIR	SW		EFF: 01/25/2024
DEGREES	215		EFF: 01/25/2024
AZIMUTH	RNAV		EFF: 01/25/2024
CRS-INB	035		EFF: 01/25/2024
TURN-DIR	R		EFF: 01/25/2024
LEG LENGTH OUTBOUND CHARTING	7 NM STAR		EFF: 01/25/2024 EFF: 01/25/2024
VIRGINIA		NFDD 210 - 8	11/01/2023
GAVME WP*VA*K6	PATTERN - 1		
HOLD-DIR	NE		
DEGREES	033		

AZIMUTH	RNAV
CRS-INB	213
TURN-DIR	R
LEG LENGTH OUTBOUND	4 NM
CHARTING	SPECIAL IAP

* * * MODIFIED * * *

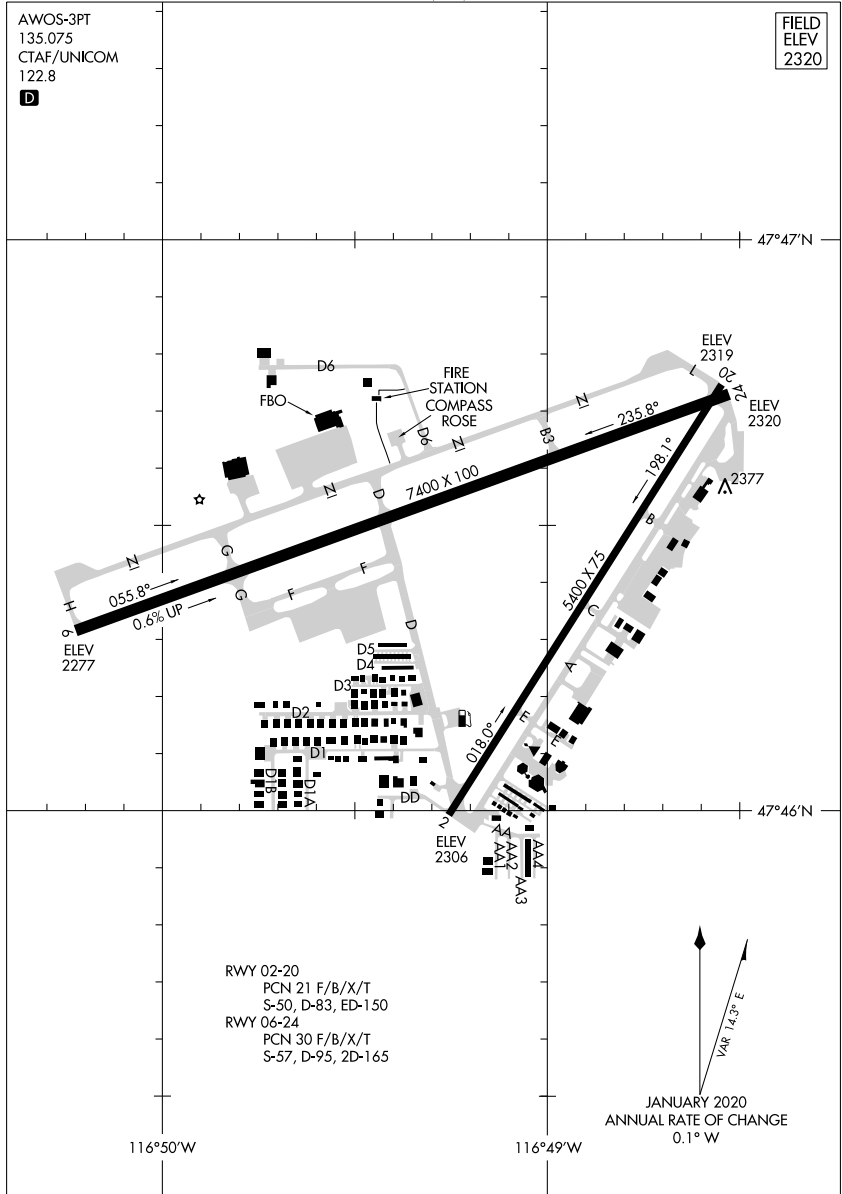
VIRGINIA		NFDD 210 - 9	11/01/2023
WEBBR WP*VA*K6	PATTERN - 1		
HOLD-DIR	W		
DEGREES	272		
AZIMUTH	RNAV		
CRS-INB	092		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		ADDED
CHARTING	IAP		

GRAPHIC REVISION: COEUR D'ALENE/PAPPY BOYINGTON FLD, ID (COE)
 REVISE TWYS, APRONS, AND BDLGS NORTH OF TWY N
 ADD TWY B3
 REVISE AIRPORT BEACON LOCATION
 ADD HANGARS TO TXLS AA1, DD, D1, D1A, D1B, D2

23334

AIRPORT DIAGRAM

COEUR D'ALENE/PAPPY BOYINGTON FLD (COE)
 AL-527 (FAA) COEUR D'ALENE, IDAHO

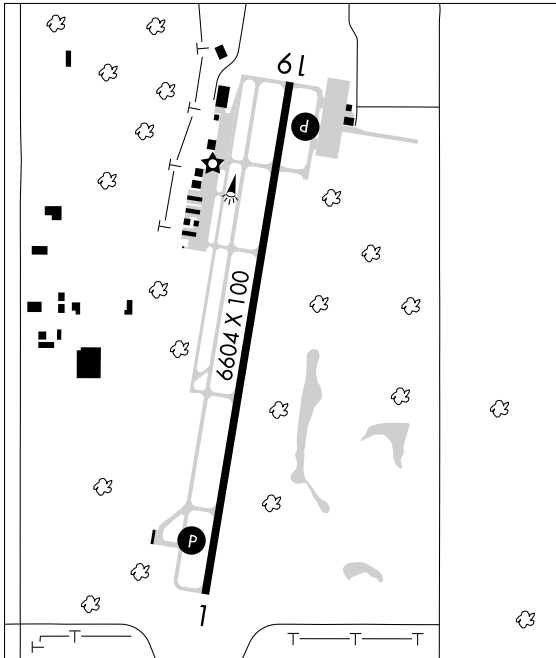


AIRPORT DIAGRAM

COEUR D'ALENE, IDAHO
 COEUR D'ALENE/PAPPY BOYINGTON FLD (COE)

23334

GRAPHIC REVISION: H L SONNY CALLAHAN, AL (CQF) REVISE ALL TWYS AND APRONS

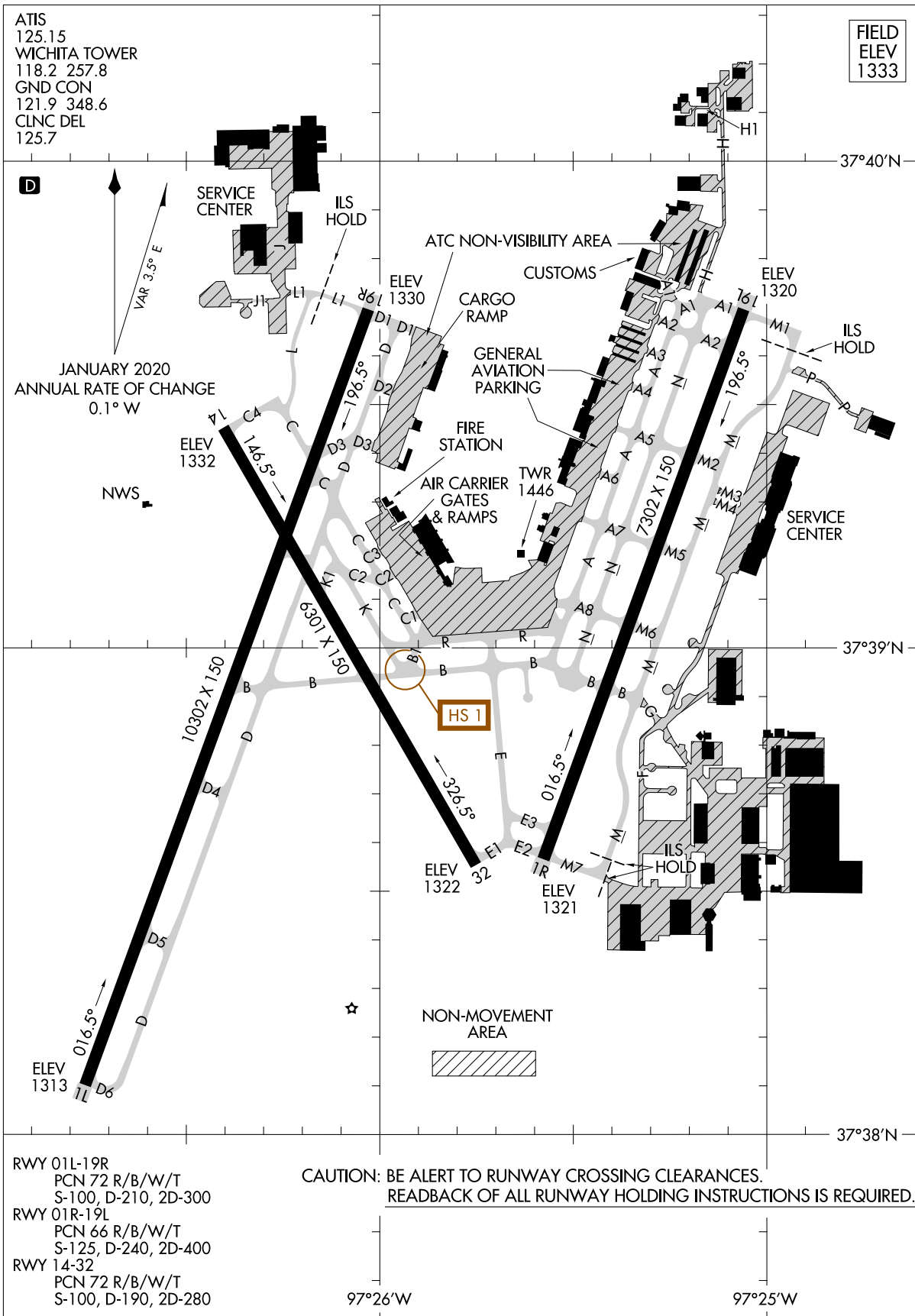


GRAPHIC REVISION: WICHITA DWIGHT D EISENHOWER NTL, KS (ICT)
REMOVE HOTSPOT HS-2

23334

AIRPORT DIAGRAM

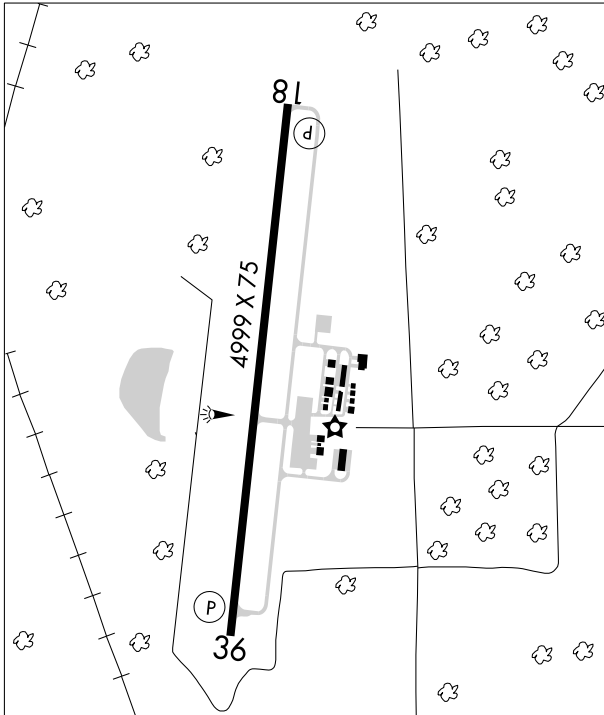
WICHITA DWIGHT D EISENHOWER NTL (ICT)
AL-987 (FAA) WICHITA, KANSAS



RWY 01L-19R
PCN 72 R/B/W/T
S-100, D-210, 2D-300
RWY 01R-19L
PCN 66 R/B/W/T
S-125, D-240, 2D-400
RWY 14-32
PCN 72 R/B/W/T
S-100, D-190, 2D-280

**CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.**

GRAPHIC REVISION: MONROE COUNTY, MI (M40) REVISE/RE-DRAFT ENTIRE AIRPORT

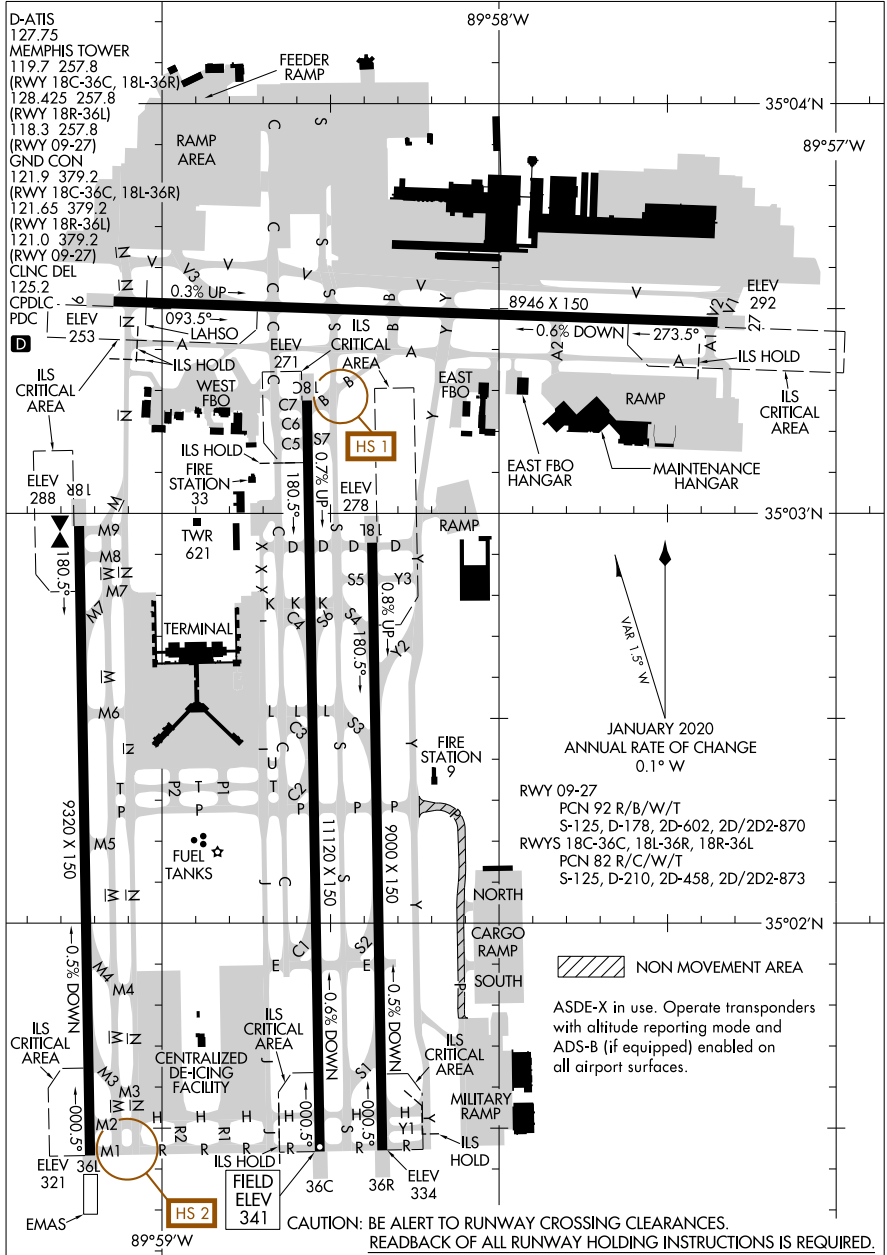


GRAPHIC REVISION: MEMPHIS INTL, TN (MEM)
REVISE TERMINAL BUILDING

23334

AIRPORT DIAGRAM

MEMPHIS INTL (MEM)
MEMPHIS, TENNESSEE



AIRPORT DIAGRAM

MEMPHIS, TENNESSEE
MEMPHIS INTL (MEM)

23334

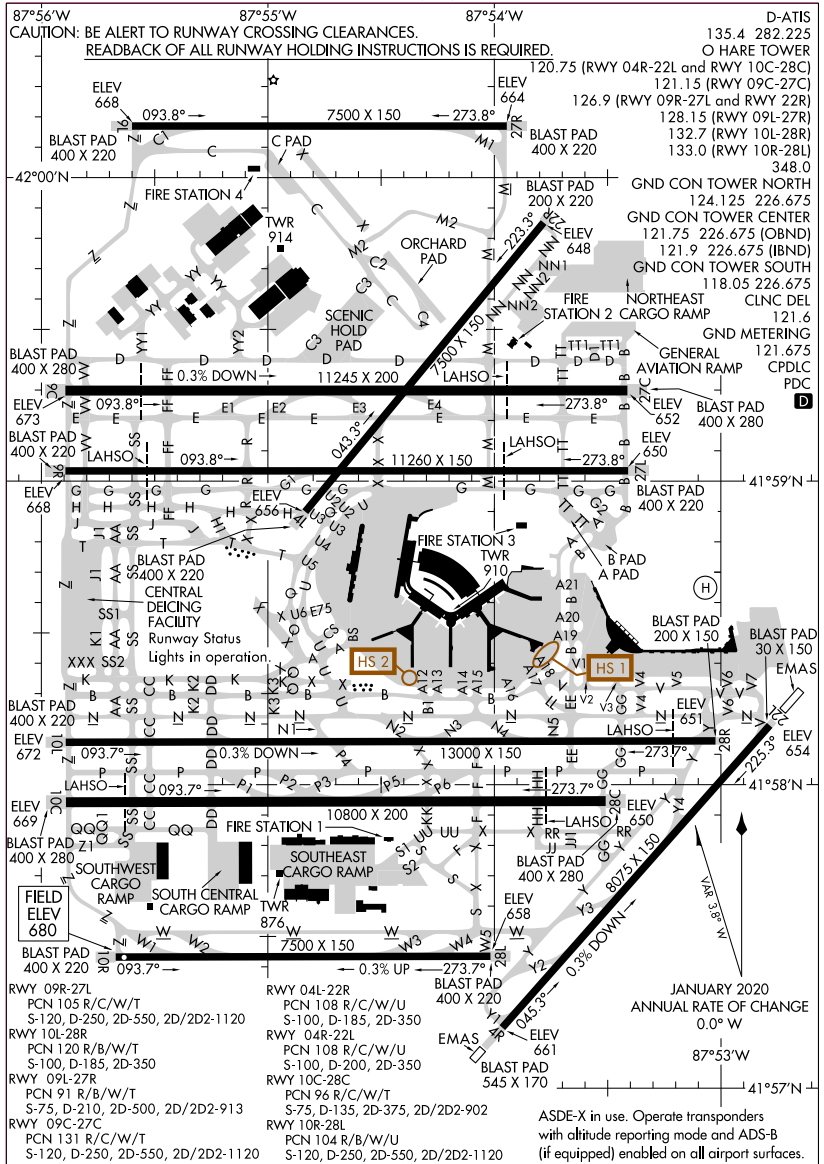
GRAPHIC REVISION: CHICAGO O'HARE INTL, IL (ORD)

Effective Date
30 NOV 2023

REVISE TWY J, K, K3, AND Q
OPEN TWY L PORTION UNDER CONSTRUCTION
RELABEL TWY L AS TWY B
RELABEL TWY L1 AS TWY U

AIRPORT DIAGRAM

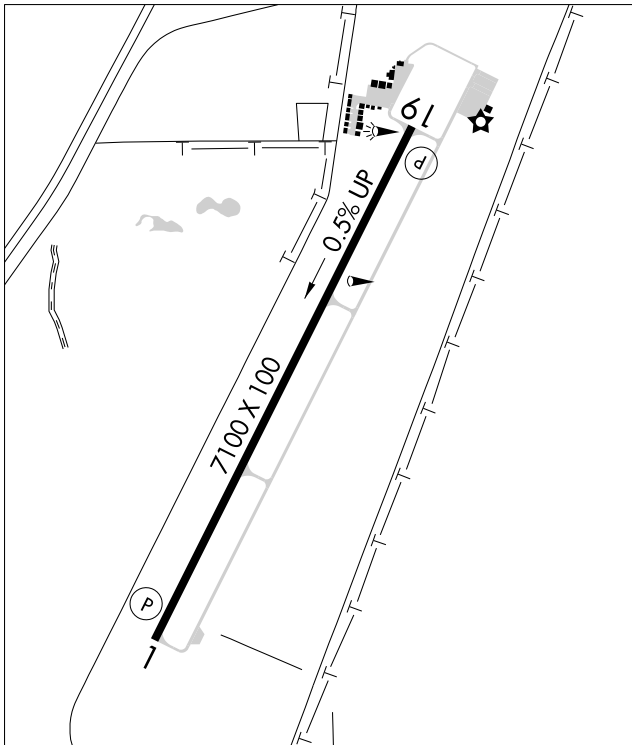
CHICAGO O'HARE INTL (ORD)
CHICAGO, ILLINOIS



AIRPORT DIAGRAM

CHICAGO, ILLINOIS
CHICAGO O'HARE INTL (ORD)

GRAPHIC REVISION: RICHFIELD MUNI, UT (RIF) REVISE?RE-DRAFT ENTIRE SKETCH



GRAPHIC REVISION: TUCSON INTL, AZ (TUS)
 REVISE TWYS A5, A6, A11, A13, A15
 REMOVE TWY A8 BTN RWY 12-30 AND TWY C
 LABEL TWY H
 REMOVE HOTSPOT HS-1
 REIVSE HOTSPOT HS-2 & RELABEL AS HS-1*

*SEE NEXT PAGE FOR HOTSPOT DESCRIPTION

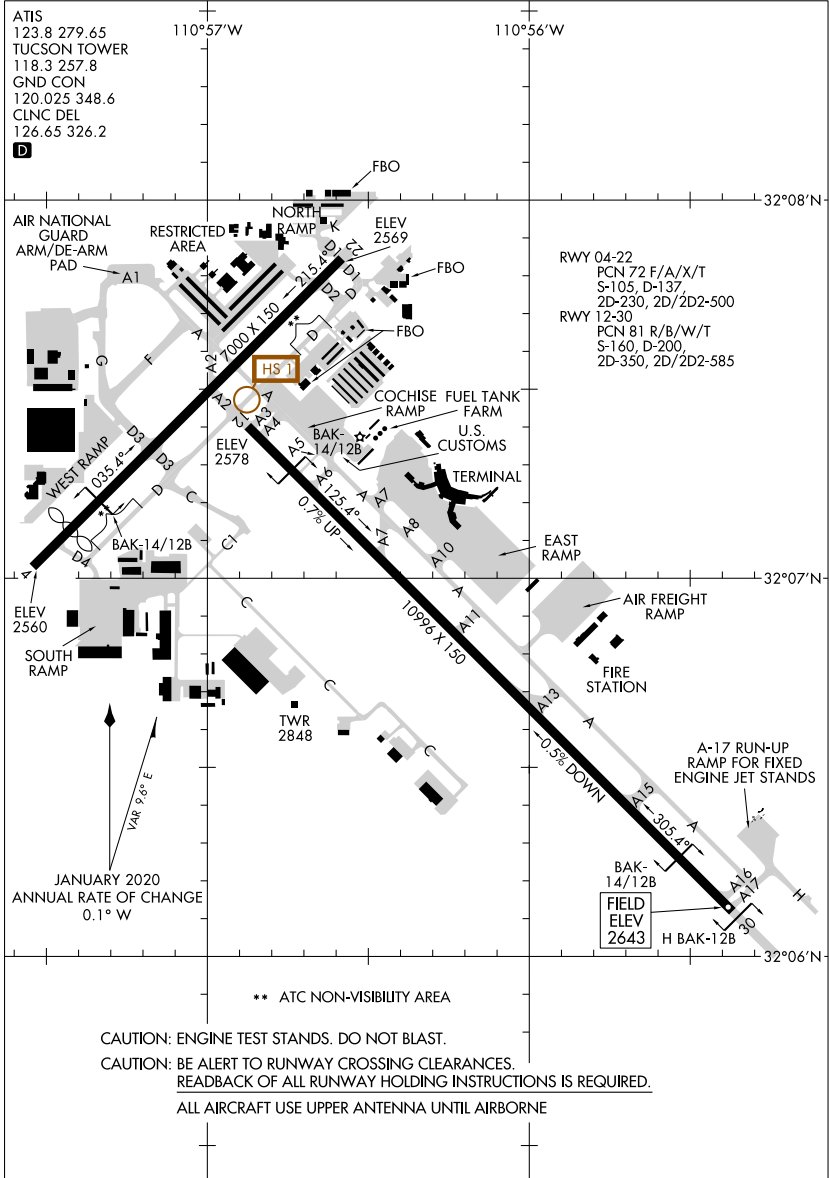
23334

AIRPORT DIAGRAM

AL-430 (FAA)

TUCSON INTL (TUS)

TUCSON, ARIZONA



** ATC NON-VISIBILITY AREA

CAUTION: ENGINE TEST STANDS. DO NOT BLAST.

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.

READEBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ALL AIRCRAFT USE UPPER ANTENNA UNTIL AIRBORNE

AIRPORT DIAGRAM

23334

TUCSON, ARIZONA

TUCSON INTL (TUS)

TUCSON INTL, AZ (TUS)

REVISE HOTSPOT HS-2/RELABEL AS HS-1

Chart Supplement

HS-1: Pilots taxiing to Rwy 12 via Twy D for departure sometimes cross the rwy holding position markings without authorization.

Terminal Procedure Publication

HS-1: Pilots taxiing to Rwy 12 via Twy D for departure sometimes cross the rwy holding position markings without authorization.

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALISS	SIX	ALISS6.ALISS	FIVE	03/02/2017	25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

SAN ANTONIO INTL (KSAT):
 TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 ...ON TRACK 305.10 TO TATAR, THEN ON TRACK 305.15 TO ALISS. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

CASTROVILLE MUNI (KCVB):
 TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

KELLY FLD (KSKF):
 TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

NEW BRAUNFELS NTL (KBAZ):
 TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

PLEASANTON MUNI (KPEZ):
 TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

RANDOLPH AFB (KRND):
 TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...

STINSON MUNI (KSSF):
 TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO TREVA, THENCE...



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALISS	SIX	ALISS6.ALISS	FIVE	03/02/2017	25 JAN 2024

...ON TRACK 305.10 TO TATAR, THEN ON TRACK 305.15 TO ALISS. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:

RNAV 1 - GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

SAN ANTONIO INTL
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI
RWY 16, 34: STANDARD

KELLY FLD
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI
RWY 16, 34: STANDARD

RANDOLPH AFB
RWY 15L, 15R, 33L, 33R: STANDARD

STINSON MUNI
RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

BOERNE STAGE FIELD:
RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)
RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALISS	SIX	ALISS6.ALISS	FIVE	03/02/2017	25 JAN 2024

STINSON MUNI:

RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).
 RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).
 RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

MSA:

KSAT: MSA FROM KSAT, 4100
 5C1: MSA FROM 5C1, 4100
 KCVB: MSA FROM KCVB, 4100
 KSKF: MSA FROM KSKF, 4100
 KBAZ: MSA FROM KBAZ, 3100
 KPEZ: MSA FROM KPEZ, 3100
 KRND: MSA FROM KRND, 3200
 KSSF: MSA FROM KSSF, 4100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.
 AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980
 CHART: MINIMUM CROSSING ALTITUDE AT TREVA-5000.
 DME/DME ASSESSMENT: UNSAT.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX
KSSF	SAN ANTONIO	TX

COMMUNICATIONS:

SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT
 STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT
 KELLY FLD: CHART: ATIS, ATCT, GND CON
 NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL
 PLEASANTON MUNI: CHART: CLNC DEL
 RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

FIXES AND/OR NAVAIDS:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALISS	SIX	ALISS6.ALISS	FIVE	03/02/2017	25 JAN 2024

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
 ATC APPROVAL TO APPLY 45 DEGREE INTERCEPT AT TREVA IAW 8260.58B, 5-6-2 D.
 AFS MEMO WAIVER TO FAA ORDER 8260-58C PARA 1-2-5 C. 3., MAXIMUM BANK ANGLE DATED 1/21/23 ALLOWING 23 DEGREES OF BANK ANGLE ABOVE FL195 UP TO FL245 APPLIED FOR KPEZ DEPARTURE SEGMENT TREVA TO TATAR.

FLIGHT INSPECTED BY

Digitally signed by
MICHAEL GARRITY
 Aug 11, 2023

OFFICE

FPO

DATE

08/07/2023

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
 Apr 25, 2023

OFFICE

AJV-A423

DATE

02/28/2023

APPROVED BY

ALLAN WILL

Digitally signed by
MICHAEL GARRITY
 Aug 11, 2023

OFFICE

AJV-A423

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:

- ADDED 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND AND ASSOCIATED DATA TO REQUIRED BLOCKS - ATC/FPT REQUEST.
- REMOVED PRODECURAL DATA NOTES "DME/DME/IRU OR GPS REQUIRED" AND "RNAV 1", ADDED PBN REQUIREMENTS NOTE "RNAV 1-GPS" - PER 8260.58B. DME/DME ASSESSMENT UNSAT.
- TAKEOFF OBSTACLE NOTES REMOVED, NOW STATES SEE FORM 8260-15A TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - PER 8260.46J.
- ENROUTE TRANSITIONS REMOVED - ATC/FPT REQUEST.
- ALISS RELOCATED 14.78 NM SE, NAME RETAINED - ATC/FPT REQUEST.
- REMOVED LEJON FROM KSAT "THENCE" DP ROUTE DESCRIPTION AND "EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" VERBIAGE - ATC/FPT REQUEST.
- CHANGED KSSF DP ROUTE DESCRIPTION (NOW ALL OTHER AIRPORTS) FROM "...ON TRACK 305.10 TO TATAR, THEN ON TRACK 305.15 TO LEJON, THEN ON TRACK 303.70 TO ALISS, THEN ON (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" TO READ "...ON TRACK 305.10 TO TATAR, THEN ON TRACK 305.15 TO ALISS. MAINTAIN ATC ASSIGNED ALTITUDE." - ATC/FPT REQUEST. TOP ALTITUDE CRITERIA.
- DP ROUTE DESCRIPTION VERBIAGE CHANGED FROM "CLIMB HEADING" TO "CLIMB ON HEADING" AND "EXPECT RADAR VECTORS" TO "FOR VECTORS" - PER 8260.46J.
- ADDED MSA VALUES FOR SERVED AIRPORTS - PER 8260.46J AND 8260.3E.
- CHANGED KSSF TAKEOFF MINIMUMS FROM RWY 9: STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 1900 TO STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900 - REVISED OBSTACLE DATA.
- CHANGED KSSF TAKEOFF MINIMUMS FROM RWY 14: STANDARD TO STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900 - NEW EVALUATION IN TARGETS.
- CHANGED KSSF TAKEOFF MINIMUMS FROM RWY 27: 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 221 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FEET PRIOR TO DER, TO READ 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER - NEW CONTROLLING OBSTACLES, VIS PER 8260.19I.
- CHANGED KSSF TAKEOFF MINIMUMS FROM RWY 32: STANDARD TO STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700 - UPDATED OBSTACLE EVALUATION IN TARGETS.
- ADDED KSSF RWY 14/32 CONTROLLING OBSTACLES TO CONTROLLING OBSTACLES BLOCK - PER UPDATED OBSTACLES.
- REMOVED REMARK "STINSON MUNI: ATC REQUESTED NO TOP ALTITUDE" - NO LONGER APPLIES.
- ADDED TO REMARKS, 45 DEGREE INTERCEPT INFORMATION - IAW 8260-58B, 5-6-2-D.
- ADDED TO REMARKS, MEMO WAIVER INFORMATION - EXPLANATORY, PER 8260.19I.
- ADDED TO REMARKS, ENVIRONMENTAL REVIEW INFORMATION - EXPLANATORY, PER 8260.19I.
- REMOVED PILOT NAVIGATION AREA DATA FROM ADDITIONAL FLIGHT DATA - NO LONGER APPLIES.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALISS	SIX	ALISS6.ALISS	FIVE	03/02/2017	25 JAN 2024

<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
TREVA	294655.06N/0983914.10W	Y	-	IF	-	-	AT/ABOVE 5000		
TATAR	295313.51N/0984808.85W	Y	FB	TF	309.10	9.98			
ALISS	300646.67N/0990719.62W	Y	FB	TF	309.15	21.45			

QUALITY
8
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MILET	FOUR	MILET4.MILET	THREE	12/10/2015	

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION: Procedure Canceled Effective 25 JAN 2024

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>

PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:

EQUIPMENT REQUIREMENT NOTES:

TAKEOFF MINIMUMS:

TAKEOFF OBSTACLES NOTES:

CONTROLLING OBSTACLES:

MSA:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
KSSF	SAN ANTONIO	TX

QUALITY
8
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
MILET	FOUR	MILET4.MILET	THREE	12/10/2015	

COMMUNICATIONS:

FIXES AND/OR NAVAIDS:

REMARKS:

FLIGHT INSPECTED BY

OFFICE

DATE

DEVELOPED BY

Digitally signed by

OFFICE

DATE

PHILLIP BRANDENBURG

ALLAN WILL

AJV-A423

04/12/2023

May 03, 2023

APPROVED BY

Digitally signed by

OFFICE

DATE

TITLE

ALLAN WILL

ALLAN WILL

AJV-A423

MANAGER

May 03, 2023

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ATA, SHU, SAT APP CON, SAT ATCT, AMGR, ST.AV.DIR

CHANGES - REASONS:

CANCEL



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		25 JAN 2024
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

SAN ANTONIO INTL (KSAT):
 TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 ...ON TRACK 160.93 TO LILJO, THEN ON TRACK 160.98 TO SLENA, THEN ON TRANSITION. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

CASTROVILLE MUNI (KCVB):
 TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

KELLY FLD (KSKF):
 TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

NEW BRAUNFELS NTL (KBAZ):
 TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

PLEASANTON MUNI (KPEZ):
 TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

RANDOLPH AFB (KRND):
 TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...

STINSON MUNI (KSSF):
 TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO YENNS, THENCE...



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		25 JAN 2024

...ON TRACK 160.93 TO LILJO, THEN ON TRACK 160.98 TO SLENA, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
BRENI	SLENA1.BRENI	SLENA	BRENI	TRACK 129.14	51.04	10000	1900	

PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

SAN ANTONIO INTL
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI
RWY 16, 34: STANDARD

KELLY FLD
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI
RWY 16, 34: STANDARD

RANDOLPH AFB
RWY 15L, 15R, 33L, 33R: STANDARD

STINSON MUNI
RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

BOERNE STAGE FIELD:
RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)
RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		25 JAN 2024

STINSON MUNI:

RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).

RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

MSA:

KSAT: MSA FROM KSAT, 4100

5C1: MSA FROM 5C1, 4100

KCVB: MSA FROM KCVB, 4100

KSKF: MSA FROM KSKF, 4100

KBAZ: MSA FROM KBAZ, 3100

KPEZ: MSA FROM KPEZ, 3100

KRND: MSA FROM KRND, 3200

KSSF: MSA FROM KSSF, 4100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.

AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980

CHART: MINIMUM CROSSING ALTITUDE AT YENNS-5000.

DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX
KSSF	SAN ANTONIO	TX

COMMUNICATIONS:

SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT

STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT

KELLY FLD: CHART: ATIS, ATCT, GND CON

NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL

PLEASANTON MUNI: CHART: CLNC DEL

RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

FIXES AND/OR NAVAIDS:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		25 JAN 2024

REMARKS:
 ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
JAMES HAWLEY	MICHAEL GARRITY Aug 11, 2023	FPO	08/07/2023	
<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
PHILLIP BRANDENBURG	PHILLIP BRANDENBURG Apr 25, 2023	AJV-A423	02/28/2023	
<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ALLAN WILL	MICHAEL GARRITY Aug 11, 2023	AJV-A423		MANAGER

REQUIRED EFFECTIVE DATE
 ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:
 ORIGINAL.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 DEPARTURE (DATA RECORD)

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SLENA	ONE	SLENA1.SLENA	NONE		25 JAN 2024

<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
YENNS	290404.59N/0981919.14W	Y	-	IF	-	-	AT/ABOVE 5000		
LILJO	284540.82N/0981341.99W	Y	FB	TF	164.93	19.00			
SLENA	282919.88N/0980844.08W	Y	FB	TF	164.98	16.88			
SLENA	282919.88N/0980844.08W	Y	-	IF	-	-			SLENA1.BRENI
BRENI	275413.90N/0972642.12W	Y	FB	TF	133.14	51.04			



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SNIDR	ONE	SNIDR1.SNIDR	NONE		25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

SAN ANTONIO INTL (KSAT):
 TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 ...ON TRACK 079.87 TO CHURN, THEN ON TRACK 085.01 TO SNIDR, THEN ON TRANSITION. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

CASTROVILLE MUNI (KCVB):
 TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

KELLY FLD (KSKF):
 TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

NEW BRAUNFELS NTL (KBAZ):
 TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

PLEASANTON MUNI (KPEZ):
 TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

RANDOLPH AFB (KRND):
 TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...

STINSON MUNI (KSSF):
 TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO WRKIT, THENCE...



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SNIDR	ONE	SNIDR1.SNIDR	NONE		25 JAN 2024

...ON TRACK 079.87 TO CHURN, THEN ON TRACK 085.01 TO SNIDR, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
BLUMS	SNIDR1.BLUMS	SNIDR	SEEDS	TRACK 085.23	30.34	10000	2000	
		SEEDS	WEMAR	TRACK 085.54	12.51	10000	2000	
		WEMAR	FFSSH	TRACK 085.62	11.00	10000	1900	
		FFSSH	WHAEL	TRACK 085.73	15.43	10000	1900	
		WHAEL	BLUMS	TRACK 086.03	39.31	10000	1600	
CAAGE	SNIDR1.CAAGE	SNIDR	SEEDS	TRACK 085.23	30.34	10000	2000	
		SEEDS	WEMAR	TRACK 085.54	12.51	10000	2000	
		WEMAR	FFSSH	TRACK 085.62	11.00	10000	1900	
		FFSSH	WHAEL	TRACK 085.73	15.43	10000	1900	
		WHAEL	CAAGE	TRACK 069.46	63.01	10000	2000	
FFSSH	SNIDR1.FFSSH	SNIDR	SEEDS	TRACK 085.23	30.34	10000	2000	
		SEEDS	WEMAR	TRACK 085.54	12.51	10000	2000	
		WEMAR	FFSSH	TRACK 085.62	11.00	10000	1900	
		FFSSH	WHAEL	TRACK 085.73	15.43	10000	1900	
MOLLR	SNIDR1.MOLLR	SNIDR	SEEDS	TRACK 085.23	30.34	10000	2000	
		SEEDS	WEMAR	TRACK 085.54	12.51	10000	2000	
		WEMAR	FFSSH	TRACK 085.62	11.00	10000	1900	
		FFSSH	WHAEL	TRACK 085.73	15.43	10000	1900	
		WHAEL	BLUMS	TRACK 086.03	39.31	10000	1600	
		BLUMS	BALIO	TRACK 086.56	10.90	10000	2400	
		BALIO	MOLLR	TRACK 086.47	14.00	10000	2400	
SEEDS	SNIDR1.SEEDS	SNIDR	SEEDS	TRACK 085.23	30.34	10000	2000	



<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SNIDR		ONE	SNIDR1.SNIDR	NONE		25 JAN 2024
WEMAR	SNIDR1.WEMAR	SNIDR	SEEDS	TRACK 085.23	30.34	10000 2000
		SEEDS	WEMAR	TRACK 085.54	12.51	10000 2000
WHAEL	SNIDR1.WHAEL	SNIDR	SEEDS	TRACK 085.23	30.34	10000 2000
		SEEDS	WEMAR	TRACK 085.54	12.51	10000 2000
		WEMAR	FFSSH	TRACK 085.62	11.00	10000 1900
		FFSSH	WHAEL	TRACK 085.73	15.43	10000 1900
WYLSN	SNIDR1.WYLSN	SNIDR	SEEDS	TRACK 085.23	30.34	10000 2000
		SEEDS	WEMAR	TRACK 085.54	12.51	10000 2000
		WEMAR	WHAEL	TRACK 085.62	26.43	10000 1900
		WHAEL	WYLSN	TRACK 053.62	72.74	10000 2000

PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

SAN ANTONIO INTL
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI
RWY 16, 34: STANDARD

KELLY FLD
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI
RWY 16, 34: STANDARD

RANDOLPH AFB
RWY 15L, 15R, 33L, 33R: STANDARD



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SNIDR	ONE	SNIDR1.SNIDR	NONE		25 JAN 2024

STINSON MUNI
 RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900
 RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900
 RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.
 RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

BOERNE STAGE FIELD:
 RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)
 RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

STINSON MUNI:
 RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).
 RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).
 RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

MSA:

KSAT: MSA FROM KSAT, 4100
 5C1: MSA FROM 5C1, 4100
 KCVB: MSA FROM KCVB, 4100
 KSKF: MSA FROM KSKF, 4100
 KBAZ: MSA FROM KBAZ, 3100
 KPEZ: MSA FROM KPEZ, 3100
 KRND: MSA FROM KRND, 3200
 KSSF: MSA FROM KSSF, 4100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.
 AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980
 CHART: MINIMUM CROSSING ALTITUDE AT WRKIT-5000.
 DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX

QUALITY
8
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SNIDR	ONE	SNIDR1.SNIDR	NONE		25 JAN 2024
KSSF		SAN ANTONIO			TX

COMMUNICATIONS:

SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT
 STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT
 KELLY FLD: CHART: ATIS, ATCT, GND CON
 NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL
 PLEASANTON MUNI: CHART: CLNC DEL
 RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

FIXES AND/OR NAVAIDS:

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
 USER DEFINED TAILWINDS APPLIED FOR FFSSH AND WHAEL SEGMENTS.

FLIGHT INSPECTED BY

JAMES HAWLEY *Digitally signed by*
MICHAEL GARRITY
 Aug 11, 2023

OFFICE

FPO

DATE

08/10/2023

DEVELOPED BY

PHILLIP BRANDENBURG *Digitally signed by*
PHILLIP BRANDENBURG
 Apr 25, 2023

OFFICE

AJV-A423

DATE

02/28/2023

APPROVED BY

ALLAN WILL *Digitally signed by*
MICHAEL GARRITY
 Aug 11, 2023

OFFICE

AJV-A423

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:

ORIGINAL.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 DEPARTURE (DATA RECORD)

<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>			
SNIDR		ONE	SNIDR1.SNIDR	NONE		25 JAN 2024			
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
WRKIT	293746.04N/0981444.91W	Y	-	IF	-	-	AT/ABOVE 5000		
CHURN	293902.39N/0980102.90W	Y	FB	TF	083.87	12.01			
SNIDR	293912.06N/0974948.15W	Y	FB	TF	089.01	09.80			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.BLUMS
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
FFSSH	293940.97N/0964759.82W	Y	FB	TF	089.62	11.00			
WHAEL	293944.14N/0963017.06W	Y	FB	TF	089.73	15.43			
BLUMS	293935.15N/0954510.16W	Y	FB	TF	090.03	39.31			
SNIDR	293912.06N/0974948.15W	Y	FB	IF	-	-			SNIDR1.CAAGE
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
FFSSH	293940.97N/0964759.82W	Y	FB	TF	089.62	11.00			
WHAEL	293944.14N/0963017.06W	Y	FB	TF	089.73	15.43			
CAAGE	295724.76N/0952045.25W	Y	FB	TF	073.46	63.01			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.FFSSH
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
FFSSH	293940.97N/0964759.82W	Y	FB	TF	089.62	11.00			

QUALITY
8
CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SNIDR	ONE	SNIDR1.SNIDR	NONE		25 JAN 2024

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.MOLLR
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
FFSSH	293940.97N/0964759.82W	Y	FB	TF	089.62	11.00			
WHAEL	293944.14N/0963017.06W	Y	FB	TF	089.73	15.43			
BLUMS	293935.15N/0954510.16W	Y	FB	TF	090.03	39.31			
BALIO	293928.17N/0953239.89W	Y	FB	TF	090.56	10.90			
MOLLR	293920.23N/0951635.83W	Y	FB	TF	090.47	14.00			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.SEEDS
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.WEMAR
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.WHAEL
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34			
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51			
FFSSH	293940.97N/0964759.82W	Y	FB	TF	089.62	11.00			
WHAEL	293944.14N/0963017.06W	Y	FB	TF	089.73	15.43			
SNIDR	293912.06N/0974948.15W	Y	-	IF	-	-			SNIDR1.WYLSN



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>		<u>ACTUAL EFFECTIVE DATE</u>	
SNIDR		ONE		SNIDR1.SNIDR		NONE				25 JAN 2024	
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>		
SEEDS	293931.94N/0971458.66W	Y	FB	TF	089.23	30.34					
WEMAR	293937.15N/0970037.45W	Y	FB	TF	089.54	12.51					
WHAEL	293944.14N/0963017.06W	Y	FB	TF	089.62	26.43					
WYLSN	301828.03N/0951919.07W	Y	FB	TF	057.62	72.74					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
THREE RIVERS	FOUR	THX4.THX	THREE	12/10/2015	

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION: **Procedure Canceled Effective 25 JAN 2024**

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>

PROCEDURAL DATA NOTES:

PBN REQUIREMENTS NOTES:

EQUIPMENT REQUIREMENT NOTES:

TAKEOFF MINIMUMS:

TAKEOFF OBSTACLES NOTES:

CONTROLLING OBSTACLES:

MSA:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
KSSF	SAN ANTONIO	TX

TX
QUALITY
8
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
THREE RIVERS	FOUR	THX4.THX	THREE	12/10/2015	

COMMUNICATIONS:

FIXES AND/OR NAVAIDS:

REMARKS:

FLIGHT INSPECTED BY

OFFICE

DATE

DEVELOPED BY

Digitally signed by

ALLAN WILL

OFFICE

DATE

PHILLIP BRANDENBURG

May 03, 2023

AJV-A423

04/12/2023

APPROVED BY

Digitally signed by

ALLAN WILL

OFFICE

DATE

TITLE

ALLAN WILL

May 03, 2023

AJV-A423

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:

CANCEL



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
TJANO	ONE	TJANO1.TJANO	NONE		25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

SAN ANTONIO INTL (KSAT):
 TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 ...ON TRACK 205.38 TO TJANO, THEN ON TRANSITION. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

CASTROVILLE MUNI (KCVB):
 TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

KELLY FLD (KSKF):
 TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

NEW BRAUNFELS NTL (KBAZ):
 TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

PLEASANTON MUNI (KPEZ):
 TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

RANDOLPH AFB (KRND):
 TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...

STINSON MUNI (KSSF):
 TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO LVACA, THENCE...



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
TJANO	ONE	TJANO1.TJANO	NONE		25 JAN 2024

...ON TRACK 205.38 TO TJANO, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
KAHAN	TJANO1.KAHAN	TJANO	TEEPY	TRACK 205.88	37.00	10000	2500	
		TEEPY	KAHAN	TRACK 187.04	30.85	10000	1900	
ZANNI	TJANO1.ZANNI	TJANO	TEEPY	TRACK 205.88	37.00	10000	2500	
		TEEPY	ZANNI	TRACK 196.21	30.00	10000	2300	

PROCEDURAL DATA NOTES:

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, THX AND SAT DME MUST BE OPERATIONAL.

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

SAN ANTONIO INTL
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI
RWY 16, 34: STANDARD

KELLY FLD
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI
RWY 16, 34: STANDARD

RANDOLPH AFB
RWY 15L, 15R, 33L, 33R: STANDARD

STINSON MUNI
RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
TJANO	ONE	TJANO1.TJANO	NONE		25 JAN 2024

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

BOERNE STAGE FIELD:

RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)

RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

STINSON MUNI:

RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).

RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

MSA:

KSAT: MSA FROM KSAT, 4100

5C1: MSA FROM 5C1, 4100

KCVB: MSA FROM KCVB, 4100

KSKF: MSA FROM KSKF, 4100

KBAZ: MSA FROM KBAZ, 3100

KPEZ: MSA FROM KPEZ, 3100

KRND: MSA FROM KRND, 3200

KSSF: MSA FROM KSSF, 4100

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.

AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980

CHART: MINIMUM CROSSING ALTITUDE AT LVACA-5000.

DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX
KSSF	SAN ANTONIO	TX

COMMUNICATIONS:

SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT

STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
TJANO	ONE	TJANO1.TJANO	NONE		25 JAN 2024

KELLY FLD: CHART: ATIS, ATCT, GND CON
 NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL
 PLEASANTON MUNI: CHART: CLNC DEL
 RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

FIXES AND/OR NAVAIDS:

REMARKS:
 ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

FLIGHT INSPECTED BY

JAMES HAWLEY

Digitally signed by
JASON KRETSCHMER **OFFICE** **DATE**
 FPO 08/08/2023
 Aug 11, 2023

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG **OFFICE** **DATE**
 AJV-A423 02/28/2023
 Apr 25, 2023

APPROVED BY

ALLAN WILL

Digitally signed by
JASON KRETSCHMER **OFFICE** **DATE** **TITLE**
 AJV-A423 Aug 11, 2023 MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:

ORIGINAL.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 DEPARTURE (DATA RECORD)

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
TJANO	ONE	TJANO1.TJANO	NONE		25 JAN 2024

<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
LVACA	290629.34N/0984059.65W	Y	-	IF	-	-	AT/ABOVE 5000		
TJANO	284900.57N/0985209.93W	Y	FB	TF	209.38	20.00			
TJANO	284900.57N/0985209.93W	Y	-	IF	-	-			TJANO1.KAHAN
TEEPY	281649.01N/0991302.73W	Y	FB	TF	209.88	37.00			
KAHAN	274627.24N/0991942.15W	Y	FB	TF	191.04	30.85			
TJANO	284900.57N/0985209.93W	Y	-	IF	-	-			TJANO1.ZANNI
TEEPY	281649.01N/0991302.73W	Y	FB	TF	209.88	37.00			
ZANNI	274834.76N/0992443.95W	Y	FB	TF	200.21	30.00			



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
YODUH	ONE	YODUH1.YODUH	NONE		25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

SAN ANTONIO INTL (KSAT):
 TAKEOFF RWY 4: CLIMB ON HEADING 036.78 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 13L: CLIMB ON HEADING 127.63 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 13R: CLIMB ON HEADING 127.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 216.79 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 31L: CLIMB ON HEADING 307.61 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 31R: CLIMB ON HEADING 307.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 ...ON TRACK 002.38 TO YODUH, THEN ON TRANSITION. MAINTAIN 5000.

BOERNE STAGE FLD (5C1):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 349.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

CASTROVILLE MUNI (KCVB):
 TAKEOFF RWY 16: CLIMB ON HEADING 156.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

KELLY FLD (KSKF):
 TAKEOFF RWY 16: CLIMB ON HEADING 158.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 338.15 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

NEW BRAUNFELS NTL (KBAZ):
 TAKEOFF RWY 13: CLIMB ON HEADING 127.73 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 17: CLIMB ON HEADING 172.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 31: CLIMB ON HEADING 307.74 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 35: CLIMB ON HEADING 352.71 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

PLEASANTON MUNI (KPEZ):
 TAKEOFF RWY 16: CLIMB ON HEADING 157.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 337.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

RANDOLPH AFB (KRND):
 TAKEOFF RWY 15L: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 15R: CLIMB ON HEADING 145.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 33L: CLIMB ON HEADING 325.03 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 33R: CLIMB ON HEADING 325.04 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...

STINSON MUNI (KSSF):
 TAKEOFF RWY 9: CLIMB ON HEADING 094.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 137.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 274.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO SITHH, THENCE...



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
YODUH	ONE	YODUH1.YODUH	NONE		25 JAN 2024

...ON TRACK 002.38 TO YODUH, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
KLNGR	YODUH1.KLNGR	YODUH	KLNGR	TRACK 010.80	71.25	10000	3000	
PRTZY	YODUH1.PRTZY	YODUH	GJACK	TRACK 328.70	83.00	10000	3400	
		GJACK	PRTZY	TRACK 328.32	79.79	10000	3900	

PROCEDURAL DATA NOTES:

NOTE: AIRCRAFT DESTINED FOR AIRPORTS NORTH/NORTHEAST OF DFW TERMINAL AREA MUST FILE THE KLNGR TRANSITION.

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

SAN ANTONIO INTL
RWY 4, 13L, 13R, 22, 31L, 31R: STANDARD

BOERNE STAGE FLD
RWY 17: STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 2200.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 250 FT/NM TO 3800.

CASTROVILLE MUNI
RWY 16, 34: STANDARD

KELLY FLD
RWY 16, 34: STANDARD

NEW BRAUNFELS NTL
RWY 13, 17, 31, 35: STANDARD

PLEASANTON MUNI
RWY 16, 34: STANDARD

RANDOLPH AFB
RWY 15L, 15R, 33L, 33R: STANDARD

STINSON MUNI
RWY 9: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1900
RWY 14: STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1900
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FEET PRIOR TO DER.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 1700

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
YODUH	ONE	YODUH1.YODUH	NONE		25 JAN 2024

CONTROLLING OBSTACLES:

BOERNE STAGE FIELD:

RWY 17: 1942 AAO 294015.00N/0984345.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE)
 RWY 35: 3048 MSL TOWER (48-005697) 295027.00N/0984933.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

STINSON MUNI:

RWY 9, 14: 1546 MSL TOWER (48-004668) 291938.75N/0982117.63W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).
 RWY 27: 802 MSL TANK (48-169742) 292048.87N/0983016.57W (CEILING, CLIMB GRADIENT, CLIMB-TO ALTITUDE), 799 MSL TANK (48-005287) 292049.00N/0983017.00W, (VISIBILITY).
 RWY 32: 1379 MSL TOWER (48-001577) 292509.00N/0982901.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE).

MSA:

KSAT: MSA FROM KSAT, 4100
 5C1: MSA FROM 5C1, 4100
 KCVB: MSA FROM KCVB, 4100
 KSKF: MSA FROM KSKF, 4100
 KBAZ: MSA FROM KBAZ, 3100
 KPEZ: MSA FROM KPEZ, 3100
 KRND: MSA FROM KRND, 3200
 KSSF: MSA FROM KSSF, 4100

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: KSAT: 5000; 5C1, KCVB, KSKF, KBAZ, KPEZ, KRND, KSSF: ASSIGNED BY ATC.
 AIRPORT MV: SAT (P) 4E/2020, 5C1 5E/2010, KCVB 4E/2020, KSKF 4E/2020, KBAZ 8E/1975, KPEZ 6E/2000, KRND 5E/2010, KSSF 8E/1980
 CHART: MINIMUM CROSSING ALTITUDE AT SITHH-5000.
 DME/DME ASSESSMENT: SAT (RNP 2.0).

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSAT	SAN ANTONIO	TX
5C1	SAN ANTONIO	TX
KCVB	CASTROVILLE	TX
KSKF	SAN ANTONIO	TX
KBAZ	NEW BRAUNFELS	TX
KPEZ	PLEASANTON	TX
KRND	UNIVERSAL CITY	TX
KSSF	SAN ANTONIO	TX

COMMUNICATIONS:

SAN ANTONIO INTL: CHART: ATIS, GND CON, CLNC DEL, ATCT
 STINSON MUNI: CHART: ATIS, GND CON, CLNC DEL, ATCT
 KELLY FLD: CHART: ATIS, ATCT, GND CON
 NEW BRAUNFELS NTL: CHART: ATIS, ATCT, GND CON, CLNC DEL



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
YODUH	ONE	YODUH1.YODUH	NONE		25 JAN 2024

PLEASANTON MUNI: CHART: CLNC DEL
 RANDOLPH AFB: CHART: ATIS, ATCT, GND CON, CLNC DEL

FIXES AND/OR NAVAIDS:

REMARKS:

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
 ATC APPROVAL TO APPLY 45 DEGREE INTERCEPT AT SITHH IAW 8260.58B, 5-6-2 D.
 AFS MEMO WAIVER TO FAA ORDER 8260-58C PARA 1-2-5 C. 3., MAXIMUM BANK ANGLE DATED 1/21/23 ALLOWING 23 DEGREES OF BANK ANGLE ABOVE FL195 UP TO FL245 APPLIED FOR KCVB AND
 KPEZ FOR SITHH TO YODUH SEGMENT.
 USER DEFINED TAILWINDS APPLIED AT YODUH.

FLIGHT INSPECTED BY

JAMES HAWLEY

Digitally signed by
JASON KRETSCHMER
 Aug 11, 2023

OFFICE

FPO

DATE

08/10/2023

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
 Apr 26, 2023

OFFICE

AJV-A423

DATE

03/01/2023

APPROVED BY

ALLAN WILL

Digitally signed by
JASON KRETSCHMER
 Aug 11, 2023

OFFICE

AJV-A423

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**ZHU, SAT APP CON, SAT ATCT, AMGR, STATE AVIATION DIRECTOR

CHANGES - REASONS:

ORIGINAL.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
YODUH	ONE	YODUH1.YODUH	NONE		25 JAN 2024

<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
SITHH	295126.66N/0982512.91W	Y	-	IF	-	-	AT/ABOVE 5000		
YODUH	300423.70N/0982333.05W	Y	FB	TF	006.38	13.00			
YODUH	300423.70N/0982333.05W	Y	-	IF	-	-			YODUH1.KLNGR
KLNGR	311324.79N/0980219.85W	Y	FB	TF	014.80	71.25			
YODUH	300423.70N/0982333.05W	Y	-	IF	-	-			YODUH1.PRTZY
GJACK	311811.56N/0990759.23W	Y	FB	TF	332.70	83.00			
PRTZY	322852.23N/0995148.18W	Y	FB	TF	332.32	79.79			

