



NATIONAL FLIGHT DATA DIGEST

Aeronautical Information Services

Toll Free 1-866-295-8236

Wednesday

NO. 243

12/20/2023

NAVAIDS

KANSAS	NFDD 243 - 1	12/20/2023	
OAKLEY			
OAKLEY NDB			
IDENT	OEL		
LAT	39-06-45.1117 N		
LONG	100-48-55.0893 W		
NAVAID STATUS	DECOMMISSIONED		MODIFIED

INSTRUMENT LANDING SYSTEMS

TEXAS	NFDD 243 - 1	12/20/2023	
BEAUMONT/PORT ARTHUR			
JACK BROOKS RGNL AIRPORT ILS/DME RWY 12			
IDENT	I-BPT		
MAG-VAR	1 E		MODIFIED

AIR TRAFFIC CONTROL TOWERS

OHIO	NFDD 243 - 1	12/20/2023	
AKRON			
AKRON FULTON INTL-NON-ATCT			
IDENT	AKR		
FREQUENCIES			
APCH/DEP CALL	CLEVELAND		
FREQUENCY	118.6		DELETED
FREQUENCY USE	APCH/P DEP/P		DELETED
APCH/DEP CALL	CLEVELAND		
FREQUENCY	125.5		ADDED
FREQUENCY USE	APCH/P DEP/P		ADDED
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.		MODIFIED

OHIO	NFDD 243 - 2	12/20/2023	
ALLIANCE			
MILLER-NON-ATCT			
IDENT	4G3		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 3	12/20/2023	
ASHLAND			
ASHLAND COUNTY-NON-ATCT			
IDENT	3G4		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 134.9/317.7 (MANSFIELD RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 4	12/20/2023	
BEACH CITY			
BEACH CITY-NON-ATCT			
IDENT	2D7		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 5	12/20/2023	
BUCYRUS			
PORT BUCYRUS/CRAWFORD COUNTY-NON-ATCT			
IDENT	17G		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 135.1/291.725 (FINDLAY RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 6	12/20/2023	
CARROLLTON			
CARROLL COUNTY-TOLSON-NON-ATCT			
IDENT	TSO		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 7	12/20/2023	
GALION			
GALION MUNI-NON-ATCT			
IDENT	GQQ		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 134.9/317.7 (MANSFIELD RCAG) 0100-0600.		MODIFIED
OHIO	NFDD 243 - 8	12/20/2023	
KENT			
KENT STATE UNIVERSITY-NON-ATCT			
IDENT	1G3		
FREQUENCIES			
APCH/DEP CALL	CLEVELAND		
FREQUENCY	118.6		DELETED
FREQUENCY USE	APCH/P DEP/P		DELETED

APCH/DEP CALL	CLEVELAND	
FREQUENCY	125.5	ADDED
FREQUENCY USE	APCH/P DEP/P	ADDED
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 9	12/20/2023
MARION		
MARION MUNI-NON-ATCT		
IDENT	MNN	
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 135.1/291.725 (FINDLAY RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 10	12/20/2023
NEW PHILADELPHIA		
HARRY CLEVER FLD-NON-ATCT		
IDENT	PHD	
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 11	12/20/2023
NORWALK		
NORWALK-HURON COUNTY-NON-ATCT		
IDENT	5A1	
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 135.1/291.725 (FINDLAY RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 12	12/20/2023
RAVENNA		
PORTAGE COUNTY-NON-ATCT		
IDENT	POV	
FREQUENCIES		
APCH/DEP CALL	CLEVELAND	
FREQUENCY	118.6	DELETED
FREQUENCY USE	APCH/P DEP/P	DELETED
APCH/DEP CALL	CLEVELAND	
FREQUENCY	125.5	ADDED
FREQUENCY USE	APCH/P DEP/P	ADDED
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 13	12/20/2023
SALEM		
SALEM AIRPARK-NON-ATCT		
IDENT	38D	
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.	MODIFIED

OHIO		NFDD 243 - 14	12/20/2023
SEBRING			
TRI-CITY-NON-ATCT			
IDENT	3G6		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.		MODIFIED
OHIO		NFDD 243 - 15	12/20/2023
SHELBY			
SHELBY COMMUNITY-NON-ATCT			
IDENT	12G		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 134.9/317.7 (MANSFIELD RCAG) 0100-0600.		MODIFIED
OHIO		NFDD 243 - 16	12/20/2023
UPPER SANDUSKY			
WYANDOT COUNTY-NON-ATCT			
IDENT	56D		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 135.1/291.725 (FINDLAY RCAG) 0100-0600.		MODIFIED
OHIO		NFDD 243 - 17	12/20/2023
WADSWORTH			
WADSWORTH MUNI-NON-ATCT			
IDENT	3G3		
FREQUENCIES			
APCH/DEP CALL	CLEVELAND		
FREQUENCY	118.6		DELETED
FREQUENCY USE	APCH/P DEP/P		DELETED
APCH/DEP CALL	CLEVELAND		
FREQUENCY	125.5		ADDED
FREQUENCY USE	APCH/P DEP/P		ADDED
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 134.9/317.7 (MANSFIELD RCAG) 0100-0600.		MODIFIED
OHIO		NFDD 243 - 18	12/20/2023
WILLARD			
WILLARD-NON-ATCT			
IDENT	8G1		
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 135.1/291.725 (FINDLAY RCAG) 0100-0600.		MODIFIED
OHIO		NFDD 243 - 19	12/20/2023
WOOSTER			
WAYNE COUNTY-NON-ATCT			
IDENT	BJJ		
FREQUENCIES			
APCH/DEP CALL	CLEVELAND		
FREQUENCY	118.6		DELETED

FREQUENCY USE	APCH/P DEP/P	DELETED
APCH/DEP CALL	CLEVELAND	
FREQUENCY	125.5	ADDED
FREQUENCY USE	APCH/P DEP/P	ADDED
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 134.9/317.7 (MANSFIELD RCAG) 0100-0600.	MODIFIED
OHIO	NFDD 243 - 20	12/20/2023
YOUNGSTOWN		
YOUNGSTOWN ELSEER METRO-NON-ATCT		
IDENT	4G4	
RMK	APCH/DEP SVC PRVDD BY CLEVELAND APCH (CLE) 0600-0100. APCH/DEP SVC PRVDD BY CLEVELAND ARTCC (ZOB) ON FREQS 120.6/379.275 (MOUNT HOPE RCAG) 0100-0600.	MODIFIED

AIRPORT

ALASKA	NFDD 243 - 1	12/20/2023
ANIAK		
ANIAK AIRPORT	(ANI)	50038.A
LATITUDE -	61-34-53.059 N	LONGITUDE - 159-32-43.073 W
RMK	ARPT SAND LRGR GRADATION THAN FAA RCMDD/SEE AC150/5200-30.	ADDED
ALASKA	NFDD 243 - 2	12/20/2023
BETHEL		
BETHEL AIRPORT	(BET)	50061.1A
LATITUDE -	60-46-42.8 N	LONGITUDE - 161-50-13.8 W
RMK	ARPT SAND SMALLER GRADATION THAN FAA RCMDD/SEE AC150/5200-30.	ADDED
ALASKA	NFDD 243 - 3	12/20/2023
MC GRATH		
MC GRATH AIRPORT	(MCG)	50467.A
LATITUDE -	62-57-10.0221 N	LONGITUDE - 155-36-25.373 W
BOTTLE OXYGEN	NONE	DELETED
BULK OXYGEN	NONE	DELETED
RMK	APT LGT SKED: ACTVT REIL RWY 16 & 34; VASI RWY 16 & 34; MIRL RWY 05/23 & 16/34 - CTAF.	MODIFIED
RMK	FUEL: 100LL: SVC CHRQ FOR FUEL SUNDAYS & AFTER 1700 DAILY.	DELETED
RMK	WATER FOWL ON & INVOF ARPT SPRING-FALL; MOOSE INVOF ARPT.	MODIFIED
RMK	FIRE ATTACK OPS DURG SUMMER.	MODIFIED
RMK	MIGRATORY WATER FOWL ON & INVOF ARPT SPRING THRU FALL.	DELETED
RMK	RWY COND UNMNT; RCMD VISUAL INSP BFR LNDG.	MODIFIED
RMK	CLSD TO ACR GTR THAN 30 PAX SEATS.	MODIFIED
RMK	PAEW ON RWY.	MODIFIED
RMK	APRON TSNT PRKG MKD BY GREEN CONES.	MODIFIED
RMK	WX BLN FAC ON ARPT; SEE INSIDE BACK COVER FOR OPS DETAILS.	MODIFIED

RMK	SNOW REMOVAL, WILDLIFE CONTROL, COND REPORTING, AND OTHER AIRFIELD MAINT SERVICES ONLY AVBL AND VALID DURING ARPT MAINT DUTY HOURS. CTC ARPT MGMT FOR ANY AFTER-HOURS REQ FOR AIRFIELD SERVICES.	DELETED
RMK	MAINT SVC AVBL MAY-SEPT MON-THURS 0700L-1730L; OCT-APR MON-FRI 0800L-1700; AFT HR - AMGR.	MODIFIED
RMK	LOCK WHEELED TURNS NA.	MODIFIED
RMK	ARPT SAND LRGR GRADATION THAN FAA RCMDD/SEE AC150/5200-30.	ADDED
RMK	FUELSVC FEE AFT 1700 DAILY & ON SUNDAYS.	ADDED

CALIFORNIA	NFDD 243 - 4	12/20/2023
LONG BEACH		
LONG BEACH (DAUGHERTY FLD) AIRPORT	(LGB)	01794.A
LATITUDE - 33-49-04.547 N	LONGITUDE -	118-09-06.806 W
INSPECTOR CODE	FAA INSPECTED	MODIFIED

FLORIDA	NFDD 243 - 5	12/20/2023
MILTON		
CHOCTAW NOLF AIRPORT	(NFJ)	03352.1A PRIVATE
LATITUDE - 30-30-25.0 N	LONGITUDE -	086-57-35.0 W
CTAF	122.9	ADDED

INDIANA	NFDD 243 - 6	12/20/2023
BLOOMINGTON		
MONROE COUNTY AIRPORT	(BMG)	05126.A
LATITUDE - 39-08-45.675 N	LONGITUDE -	086-37-00.0497 W
RWY ID	06/24	
RWY END	06	
VGSI	4-BOX VASI ON LEFT SIDE OF RUNWAY	DELETED
THR CROSSING HGT	37	DELETED
VISUAL GLIDE ANGLE	4.00	DELETED

LOUISIANA	NFDD 243 - 7	12/20/2023
SHREVEPORT		
CUNNINGHAM FLD AIRPORT	(54LA)	07667.02A PRIVATE
LATITUDE - 31-38-34.475 N	LONGITUDE -	093-00-10.1363 W
DIST AND DRCTN	8 SE	MODIFIED

MICHIGAN	NFDD 243 - 8	12/20/2023
DETROIT		
COLEMAN A YOUNG MUNI AIRPORT	(DET)	09725.A
LATITUDE - 42-24-33.579 N	LONGITUDE -	083-00-36.626 W
RMK	DUE NOISE ABATEMENT RQRMTS JETS & ACFT OVER 12500 GWT MUST USE RY 15/33 EXCP WHEN WINDS EXCEED 25 KTS THEN RY 07/25 AVBL.	DELETED
RWY ID	07/25	
RMK	RWY ID: CLSD PERMLY.	ADDED

MICHIGAN	NFDD 243 - 9	12/20/2023
ONTONAGON		
ONTONAGON COUNTY/SCHUSTER FLD AIRPORT	(OGM)	10185.A
LATITUDE - 46-50-43.693 N	LONGITUDE -	089-22-01.53 W
ARPT NAME	ONTONAGON COUNTY - SCHUSTER FLD	REPLACED
ARPT NAME	ONTONAGON COUNTY/SCHUSTER FLD	NEW

RWY ID	17/35		
LENGTH	3503		RECAP
WIDTH	75		RECAP
SURFACE	ASPH - GOOD		RECAP
SURF TREATMENT	NONE		MODIFIED

MONTANA	NFDD 243 - 10	12/20/2023	
BUTTE			
BERT MOONEY AIRPORT	(BTM)	12286.A	
LATITUDE - 45-57-17.3 N	LONGITUDE -	112-29-50.9 W	
RMK LNDG FEE: FEE FOR ALL COML ACFT & ACFT OVER 9000 LBS.			MODIFIED

NEVADA	NFDD 243 - 11	12/20/2023	
PAHRUMP			
VALLEY VIEW AIRPORT	(NV00)	13106.81A	PRIVATE
LATITUDE - 36-15-19.86 N	LONGITUDE -	115-59-33.1 W	
ARPT ELEV SOURCE	OWNER		ADDED
ARPT PSN SOURCE	OWNER		ADDED
RMK OTR CTC JEFF BEAVERS 775-537-5735.			DELETED
RMK DITCH & DROP OFF AT NORTHEAST END OF RWY PAVEMENT, SOIL BERM VARIES IN HEIGHT ON EAST SIDE OF RWY.			ADDED
RMK UNLGTD POLE 232 FT WEST 355 FT NORTH OF RWY 35 THLD, TRANSITIONAL SFC PENETRATION.			ADDED
RMK TEMPRY UNMKD T-POST & FENCING IN PRIM SFC & ALG EASTERN EDGE OF RUNWAY.			ADDED
RMK SPL PILOT TRNG, EQUIP, PER, AND PROCS RQRD.			ADDED
RMK MANDATORY COMS ON 122.90 TO COORD WITH CALVADA MEADOWS (74P) TFC PATS AND APCH.			ADDED
RMK PPR FOR TKOF, LNDG, OR APCH.			ADDED
RWY ID	18/36		
LENGTH SOURCE	OWNER		ADDED

NEW MEXICO	NFDD 243 - 12	12/20/2023	
SILVER CITY			
GRANT COUNTY AIRPORT	(SVC)	14737.A	
LATITUDE - 32-38-11.569 N	LONGITUDE -	108-09-22.986 W	
RWY ID	03/21		
RMK RWY ID: DALGT VFR COND ONLY.			ADDED
RWY ID	12/30		
RMK RWY ID: DALGT VFR COND ONLY.			ADDED
RWY ID	17/35		
RMK RWY ID: DALGT VFR COND ONLY.			ADDED
RWY END	17		
RMK THRESH DSPLCD: DTHR MKD BY TIRES.			MODIFIED

OHIO	NFDD 243 - 13	12/20/2023	
PAINESVILLE			
ASSOCIATED ENTERPRISES HELIPORT	(23OI)	18372.23H	PRIVATE
LATITUDE - 41-42-24.16 N	LONGITUDE -	081-16-29.371 W	
ARPT STATUS	ABANDONED		MODIFIED

OKLAHOMA	NFDD 243 - 14	12/20/2023	
BURNEYVILLE			
HIGGS AIRPORT	(OK48)	18843.01A	PRIVATE

LATITUDE -	33-55-33.47 N	LONGITUDE -	097-17-46.855 W	
LATITUDE	33-55-33.47 N			MODIFIED
LONGITUDE	097-17-46.855 W			MODIFIED
ARPT PSN DATE	12/14/2023			MODIFIED
ARPT ID	37K			REPLACED
ARPT ID	OK48			NEW
AIRPORT USE	PRIVATE			MODIFIED
RWY ID	18/36			
RMK	SURFACE: SVR RAVELING & POTHOLE; SVR GRASS ENCROACHMENT; EQUIP ON & INVOF RWY, LDG NOT ADZD.			MODIFIED
RWY END	36			
MKG TYPE - COND	NONE - POOR			ADDED
OREGON		NFDD 243 - 15	12/20/2023	
ASTORIA				
ASTORIA RGNL AIRPORT		(AST)	19354.A	
LATITUDE -	46-09-28.722 N	LONGITUDE -	123-52-43.045 W	
RMK	USCG ASTORIA AIR 345.0.			ADDED
TEXAS		NFDD 243 - 16	12/20/2023	
BEAUMONT/PORT ARTHUR				
JACK BROOKS RGNL AIRPORT		(BPT)	23416.A	
LATITUDE -	29-57-02.992 N	LONGITUDE -	094-01-14.516 W	
EPOCH YEAR	2025			MODIFIED
MAG-VAR	1 E			MODIFIED
TEXAS		NFDD 243 - 17	12/20/2023	
GONZALES				
GONZALES MEML HOSPITAL HELIPORT		(30XS)	23951.11H PRIVATE	
LATITUDE -	29-31-05.31 N	LONGITUDE -	097-25-43.27 W	
ARPT ATTEND SKED	UNATNDD/ /			ADDED
WIND INDICATOR	YES-L			ADDED
RMK	PRIM INGRESS/EGRESS 270 DEGS.			ADDED
RWY ID	H1			
INTENS RWY LGTS	PERIMETER			ADDED
TEXAS		NFDD 243 - 18	12/20/2023	
SOMERSET				
CANNON FLD AIRPORT		(53T)	24822.A	
LATITUDE -	29-12-55.81 N	LONGITUDE -	098-32-58.6496 W	
ARPT ELEV DATE	12/18/2023			ADDED
ARPT ELEV SOURCE	OWNER			ADDED
LATITUDE	29-12-55.81 N			MODIFIED
LONGITUDE	098-32-58.6496 W			MODIFIED
ARPT PSN DATE	12/18/2023			ADDED
ARPT PSN SOURCE	OWNER			ADDED
RMK	30 FT MKD PLINE 500 FT N OF RWY 17 END.			MODIFIED
RMK	RWYS 17 & 35 DSPLCD THRS MKD WITH WHITE PAINTED BARRELS.			MODIFIED
RMK	RWY 17/35 S HALF ROUGH EDGES.			MODIFIED
RWY ID	17/35			
LENGTH	2790			MODIFIED
LENGTH DATE	12/18/2023			ADDED
LENGTH SOURCE	OWNER			ADDED
WIDTH	100			RECAP

SURFACE	TURF - GOOD	RECAP
RWY END	17	
RWY END	16	REPLACED
RWY END	17	NEW
ELEVATION	605	ADDED
RWY END ELEV DATE	12/18/2023	ADDED
RWY END ELEV SOURCE	OWNER	ADDED
LATITUDE	29-13-09.4 N	ADDED
LONGITUDE	098-33-01.45 W	ADDED
RWY END PSN DATE	12/18/2023	ADDED
RWY END PSN SOURCE	OWNER	ADDED
THRESH DSPLCD	50	MODIFIED
DSPL THR ELEVATION	606	ADDED
DSPL THR ELEV DATE	12/18/2023	ADDED
DSPL THR ELEV SOURCE	OWNER	ADDED
DSPL THR LATITUDE	29-13-08.9137 N	ADDED
DSPL THR LONGITUDE	098-33-01.3504 W	ADDED
DSPL THR PSN DATE	12/18/2023	ADDED
DSPL THR PSN SOURCE	OWNER	ADDED
MKG TYPE - COND	NSTD	DELETED
RMK MKG TYPE - COND: RWY OUTLINED WITH ROUND WHITE CONCRETE MARKERS.		DELETED
RWY END	35	
RWY END	34	REPLACED
RWY END	35	NEW
RGT TFC	YES	DELETED
ELEVATION	606	ADDED
RWY END ELEV DATE	12/18/2023	ADDED
RWY END ELEV SOURCE	OWNER	ADDED
LATITUDE	29-12-42.2208 N	ADDED
LONGITUDE	098-32-55.8492 W	ADDED
RWY END PSN DATE	12/18/2023	ADDED
RWY END PSN SOURCE	OWNER	ADDED
THRESH DSPLCD	20	MODIFIED
DSPL THR ELEVATION	605	ADDED
DSPL THR ELEV DATE	12/18/2023	ADDED
DSPL THR ELEV SOURCE	OWNER	ADDED
DSPL THR LATITUDE	29-12-42.4156 N	ADDED
DSPL THR LONGITUDE	098-32-55.8894 W	ADDED
DSPL THR PSN DATE	12/18/2023	ADDED
DSPL THR PSN SOURCE	OWNER	ADDED
WASHINGTON	NFDD 243 - 19	12/20/2023
OLYMPIA		
GOWER FLD AIRPORT	(6WA2)	26327.2A PRIVATE
LATITUDE - 47-06-41.346 N	LONGITUDE -	122-49-16.49 W
RMK MUST CALL FOR PMSN TO LAND 360-491-5398; CURRENT ACCESS DUE TO MOWING AND BRUSH REMOVAL.		ADDED

AIRSPACE FIXES

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

EFFECTIVE 1/25/2024 OR AS NOTED THE FOLLOWING AIRSPACE FIXES
ARE ESTABLISHED MODIFIED OR CANCELLED AS INDICATED.

* * * ESTABLISHED * * *

CALIFORNIA		NFDD 243 - 1	12/20/2023
BOPAY			
LATITUDE	34-20-41.95 N		
LONGITUDE	117-23-44.86 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

CALIFORNIA		NFDD 243 - 2	12/20/2023
DORRI			
LATITUDE	34-39-54.20 N		
LONGITUDE	117-17-46.09 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

CALIFORNIA		NFDD 243 - 3	12/20/2023
FLUTE			
LATITUDE	34-30-33.44 N		
LONGITUDE	117-23-08.33 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

CALIFORNIA		NFDD 243 - 4	12/20/2023
GALTE			
LATITUDE	34-28-28.68 N		
LONGITUDE	117-23-07.07 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

CALIFORNIA		NFDD 243 - 5	12/20/2023
HEFTS			
LATITUDE	34-18-42.42 N		
LONGITUDE	117-24-00.22 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		

CHARTING	IAP		
ICAO REGION	K2		
CALIFORNIA		NFDD 243 - 6	12/20/2023
MENDY			
LATITUDE	34-25-48.21 N		
LONGITUDE	117-23-05.45 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		
CALIFORNIA		NFDD 243 - 7	12/20/2023
NASRE			
LATITUDE	34-41-37.83 N		
LONGITUDE	117-15-52.82 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		
CALIFORNIA		NFDD 243 - 8	12/20/2023
TADPO			
LATITUDE	34-38-16.13 N		
LONGITUDE	117-19-33.17 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		
CALIFORNIA		NFDD 243 - 9	12/20/2023
VOTNY			
LATITUDE	34-32-26.69 N		
LONGITUDE	117-23-09.48 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		
CALIFORNIA		NFDD 243 - 10	12/20/2023
WILKU			
LATITUDE	34-24-40.52 N		
LONGITUDE	117-23-14.17 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		
MAINE		NFDD 243 - 11	12/20/2023
BEHYO			
LATITUDE	44-32-37.03 N		
LONGITUDE	069-09-38.46 W		
ARTCC	ZBW		

FIX TYPE	WAYPOINT		
CHARTING	ENROUTE LOW		
CHARTING	CONTROLLER LOW		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
MAINE		NFDD 243 - 12	12/20/2023
CATUT			
LATITUDE	44-30-07.42 N		
LONGITUDE	069-01-52.14 W		
ARTCC	ZBW		
FIX TYPE	WAYPOINT		
CHARTING	ENROUTE LOW		
CHARTING	CONTROLLER LOW		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
MAINE		NFDD 243 - 13	12/20/2023
TREKY			
LATITUDE	44-33-22.44 N		
LONGITUDE	068-25-27.10 W		
ARTCC	ZBW		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K6		
TEXAS		NFDD 243 - 14	12/20/2023
JUKAR			
LATITUDE	30-13-06.04 N		
LONGITUDE	095-31-13.36 W		
ARTCC	ZHU		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
CHARTING	SPECIAL DP		
ICAO REGION	K4		
TEXAS		NFDD 243 - 15	12/20/2023
PRANG			
LATITUDE	30-12-31.66 N		
LONGITUDE	095-27-49.42 W		
ARTCC	ZHU		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K4		

* * * MODIFIED * * *

ALASKA	NFDD 243 - 16	12/20/2023	
ATAYI			
NAV-FAC-AZIMUTH/DSTC	TNC*NDB/DME*122.82/28.90		ADDED
LATITUDE	65-13-59.23 N		
LONGITUDE	167-05-07.30 W		
ARTCC	ZAN		
FIX TYPE	REP-PT		MODIFIED
CHARTING	CONTROLLER LOW		
CHARTING	ENROUTE LOW		
CHARTING	IAP		
ICAO REGION	PA		
ALASKA	NFDD 243 - 17	12/20/2023	
CITMI			
NAV-FAC-AZIMUTH/DSTC	BTT*VOR/DME*123.95/15.42		
LATITUDE	66-41-51.26 N		
LONGITUDE	151-09-19.58 W		
ARTCC	ZAN		
FIX TYPE	REP-PT		
CHARTING	CONTROLLER		DELETED
CHARTING	CONTROLLER LOW		ADDED
CHARTING	SPECIAL IAP		
CHARTING INFO	RNAV		
ICAO REGION	PA		
ALASKA	NFDD 243 - 18	12/20/2023	
HIKIV			
LATITUDE	66-45-53.38 N		MODIFIED
LONGITUDE	150-43-20.68 W		MODIFIED
ARTCC	ZAN		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	PA		
CALIFORNIA	NFDD 243 - 19	12/20/2023	
APLES			
NAV-FAC-AZIMUTH/DSTC	VCV*VOR/DME*088.87		MODIFIED
NAV-FAC-AZIMUTH/DSTC	HEC*VORTAC*231.53		
NAV-FAC-AZIMUTH/DSTC	PDZ*VORTAC*011.53/42.22		
NAV-FAC-AZIMUTH/DSTC	PMD*VORTAC*081.00/45.56		
NAV-FAC-AZIMUTH/DSTC	DAG*VORTAC*213.88/37.59		
LATITUDE	34-32-54.48 N		
LONGITUDE	117-08-58.14 W		
ARTCC	ZLA		
FIX TYPE	REP-PT		
CHARTING	STAR		
CHARTING	CONTROLLER LOW		
CHARTING	IAP		
CHARTING	SID		
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		
ICAO REGION	K2		

CALIFORNIA	NFDD 243 - 20	12/20/2023	
ETHER			
NAV-FAC-AZIMUTH/DSTC	VCV*VOR/DME*268.88		MODIFIED
NAV-FAC-AZIMUTH/DSTC	DAG*VORTAC*238.37		
NAV-FAC-AZIMUTH/DSTC	EDW*VORTAC*172.59/19.12		
NAV-FAC-AZIMUTH/DSTC	PMD*VORTAC*067.40/14.99		
LATITUDE	34-39-50.89 N		
LONGITUDE	117-45-48.67 W		
ARTCC	ZLA		
FIX TYPE	REP-PT		
CHARTING	CONTROLLER LOW		
CHARTING	SID		
CHARTING	IAP		
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		
ICAO REGION	K2		

CALIFORNIA	NFDD 243 - 21	12/20/2023	
NANCC			
LATITUDE	34-47-41.75 N		MODIFIED
LONGITUDE	117-10-59.26 W		MODIFIED
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

CALIFORNIA	NFDD 243 - 22	12/20/2023	
RRIZE			
NAV-FAC-AZIMUTH/DSTC	PDZ*VORTAC*011.53/11.28		
NAV-FAC-AZIMUTH/DSTC	POM*VORTAC*073.28/17.86		
LATITUDE	34-05-12.54 N		
LONGITUDE	117-25-43.97 W		
ARTCC	ZLA		
FIX TYPE	REP-PT		
CHARTING	IAP		ADDED
CHARTING	STAR		
CHARTING	CONTROLLER LOW		
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		
ICAO REGION	K2		

CALIFORNIA	NFDD 243 - 23	12/20/2023	
SCCAT			
NAV-FAC-AZIMUTH/DSTC	VCV*VOR/DME*346.33/12.23		DELETED
ILS-FAC-CRS/DSTC	VCV*LC*345.52		MODIFIED
LATITUDE	34-47-27.34 N		MODIFIED
LONGITUDE	117-23-18.62 W		MODIFIED
ARTCC	ZLA		
FIX TYPE	WAYPOINT		MODIFIED
CHARTING	IAP		
CHARTING INFO	RNAV		DELETED
ICAO REGION	K2		

CALIFORNIA		NFDD 243 - 24	12/20/2023
SUZZQ			
NAV-FAC-AZIMUTH/DSTC	VCV*VOR/DME*/6.08		DELETED
ILS-FAC-CRS/DSTC	VCV*LC*345.52		MODIFIED
LATITUDE	34-41-25.85 N		MODIFIED
LONGITUDE	117-23-14.95 W		MODIFIED
ARTCC	ZLA		
FIX TYPE	WAYPOINT		MODIFIED
CHARTING	IAP		
CHARTING INFO	RNAV		DELETED
ICAO REGION	K2		
FLORIDA		NFDD 243 - 25	12/20/2023
VCATS			
NAV-FAC-AZIMUTH/DSTC	GEF*VORTAC*091.21		
NAV-FAC-AZIMUTH/DSTC	OTK*VOR/DME*/15.14		
ILS-FAC-CRS/DSTC	VLD*LS*175.83		
LATITUDE	30-31-53.80 N		
LONGITUDE	083-13-36.92 W		
ARTCC	ZJX		
FIX TYPE	REP-PT		
CHARTING	IAP		
CHARTING INFO	RNAV		ADDED
ICAO REGION	K7		
GEORGIA		NFDD 243 - 26	12/20/2023
RENFO			
NAV-FAC-AZIMUTH/DSTC	PZD*VOR/DME*318.49/38.01		
NAV-FAC-AZIMUTH/DSTC	LSF*VOR/DME*/16.13		
NAV-FAC-AZIMUTH/DSTC	EUF*VORTAC*057.14/19.23		
ILS-FAC-CRS/DSTC	LSF*LS*149.70		MODIFIED
LATITUDE	32-06-52.47 N		
LONGITUDE	084-48-23.75 W		
ARTCC	ZTL		
FIX TYPE	REP-PT		
CHARTING	MILITARY IAP		
CHARTING	SECTIONAL		
CHARTING	CONTROLLER LOW		
CHARTING	ENROUTE LOW		
CHARTING	IAP		
CHARTING INFO	RNAV		
ICAO REGION	K7		
ILLINOIS		NFDD 243 - 27	12/20/2023
FRALE			
LATITUDE	39-14-32.86 N		
LONGITUDE	089-48-43.20 W		
ARTCC	ZKC		
FIX TYPE	WAYPOINT		
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		DELETED
ICAO REGION	K5		

ILLINOIS	NFDD 243 - 28	12/20/2023	
GIBON			
NAV-FAC-AZIMUTH/DSTC	CVA*VORTAC*094.21/22.19		
NAV-FAC-AZIMUTH/DSTC	BDF*VORTAC*328.36		
ILS-FAC-CRS/DSTC	SQI*LD*252.14/14.67		DELETED
ILS-FAC-CRS/DSTC	SQI*LD*252.14		ADDED
LATITUDE	41-39-16.89 N		
LONGITUDE	089-59-42.14 W		
ARTCC	ZAU		
FIX TYPE	REP-PT		
CHARTING	IAP		
ICAO REGION	K5		

ILLINOIS	NFDD 243 - 29	12/20/2023	
LUDLO			
NAV-FAC-AZIMUTH/DSTC	RBS*VOR/DME*186.93/11.75		
LATITUDE	40-23-17.24 N		
LONGITUDE	088-12-14.49 W		
ARTCC	ZAU		
FIX TYPE	REP-PT		
CHARTING	CONTROLLER LOW		
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		DELETED
ICAO REGION	K5		

MAINE	NFDD 243 - 30	12/20/2023	
DELGE			
LATITUDE	44-24-00.30 N		MODIFIED
LONGITUDE	068-55-39.79 W		MODIFIED
ARTCC	ZBW		
FIX TYPE	WAYPOINT		
CHARTING	CONTROLLER LOW		ADDED
CHARTING	SPECIAL DP		
CHARTING	ENROUTE LOW		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

MINNESOTA	NFDD 243 - 31	12/20/2023	
ULJAB			
NAV-FAC-AZIMUTH/DSTC	AXN*VOR/DME*170.13/14.35		
ILS-FAC-CRS/DSTC	EEZ*LS*LOM*134.87		
ILS-FAC-CRS/DSTC	EEZ*LS*135.31		
LATITUDE	45-43-10.29 N		
LONGITUDE	095-12-55.94 W		
ARTCC	ZMP		
FIX TYPE	REP-PT		
CHARTING	CONTROLLER		DELETED
CHARTING	CONTROLLER LOW		ADDED
CHARTING	ENROUTE LOW		
CHARTING	IAP		
CHARTING INFO	RNAV		
ICAO REGION	K3		

MONTANA		NFDD 243 - 32	12/20/2023
CFCFG			
LATITUDE	46-36-00.19 N		
LONGITUDE	112-16-17.38 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 33	12/20/2023
CFDSD			
LATITUDE	46-36-00.19 N		
LONGITUDE	112-16-17.37 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 34	12/20/2023
CFDVX			
LATITUDE	46-31-08.54 N		
LONGITUDE	111-44-19.19 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 35	12/20/2023
CFDZX			
LATITUDE	46-31-08.48 N		
LONGITUDE	111-44-19.02 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 36	12/20/2023
CFFSW			
LATITUDE	46-31-08.49 N		
LONGITUDE	111-44-19.24 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 37	12/20/2023
CFFXB			
LATITUDE	46-31-08.68 N		

LONGITUDE	111-44-19.40 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
MONTANA		NFDD 243 - 38	12/20/2023
CFFZL			
LATITUDE	46-31-08.26 N		
LONGITUDE	111-44-19.33 W		
ARTCC	ZLC		
FIX TYPE	CNF		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
ICAO REGION	K1		
OREGON		NFDD 243 - 39	12/20/2023
LOLRE			
NAV-FAC-AZIMUTH/DSTC	CBU*TACAN*080.00/19.00		MODIFIED
LATITUDE	45-33-36.56 N		
LONGITUDE	122-09-44.17 W		
ARTCC	ZSE		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
ICAO REGION	K1		
OREGON		NFDD 243 - 40	12/20/2023
PANOC			
NAV-FAC-AZIMUTH/DSTC	CBU*TACAN*102.07/19.00		MODIFIED
ILS-FAC-CRS/DSTC	IAP*LD*103.02/18.95		MODIFIED
LATITUDE	45-26-37.86 N		
LONGITUDE	122-12-38.69 W		
ARTCC	ZSE		
FIX TYPE	MIL REP-PT		
CHARTING	MILITARY IAP		
ICAO REGION	K1		
PENNSYLVANIA		NFDD 243 - 41	12/20/2023
BIPOD			
NAV-FAC-AZIMUTH/DSTC	CFB*VOR/DME*245.00		
NAV-FAC-AZIMUTH/DSTC	ULW*VOR/DME*140.92/20.56		
LATITUDE	41-52-41.57 N		
LONGITUDE	076-40-04.22 W		
ARTCC	ZNY		
FIX TYPE	REP-PT		
CHARTING	CONTROLLER HIGH		DELETED
CHARTING	CONTROLLER LOW		ADDED
CHARTING	ENROUTE LOW		
CHARTING INFO	RNAV		
ICAO REGION	K6		

WISCONSIN		NFDD 243 - 42	12/20/2023
KINZI			
LATITUDE	42-51-35.96 N		
LONGITUDE	089-58-01.74 W		
ARTCC	ZAU		
FIX TYPE	WAYPOINT		
CHARTING	CONTROLLER HIGH		ADDED
CHARTING	ENROUTE LOW		ADDED
CHARTING	ENROUTE HIGH		ADDED
CHARTING	CONTROLLER LOW		ADDED
CHARTING	STAR		
ICAO REGION	K5		

* * * CANCELLED * * *

CALIFORNIA		NFDD 243 - 43	12/20/2023
SPERG			
LATITUDE	34-32-36.89 N		
LONGITUDE	117-23-09.58 W		
ARTCC	ZLA		
FIX TYPE	WAYPOINT		
CHARTING	IAP		
ICAO REGION	K2		

MAINE		NFDD 243 - 44	12/20/2023
AMUXE			
LATITUDE	44-23-36.60 N		
LONGITUDE	068-59-48.60 W		
ARTCC	ZBW		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

MAINE		NFDD 243 - 45	12/20/2023
CAGOL			
LATITUDE	44-24-20.47 N		
LONGITUDE	068-51-30.25 W		
ARTCC	ZBW		
FIX TYPE	WAYPOINT		
CHARTING	SPECIAL IAP		
ICAO REGION	K6		

HOLDING PATTERNS

EFFECTIVE 1/25/2024 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 * * *

MAINE		NFDD 243 - 1	12/20/2023
DELGE WP*ME*K6	PATTERN - 1		
HOLD-DIR	N		
DEGREES	011		
AZIMUTH	RNAV		
CRS-INB	191		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	SPECIAL IAP		

* * * MODIFIED * * *

GEORGIA		NFDD 243 - 2	12/20/2023
RENFO INT*GA*K7	PATTERN - 1		
DEFINING RESOURCE	LSF*LS		
HOLD-DIR	SE		
DEGREES	149	EFF: 02/22/2024	MODIFIED
AZIMUTH	CRS		
CRS-INB	329	EFF: 02/22/2024	MODIFIED
TURN-DIR	L		
CHARTING	IAP		

GEORGIA		NFDD 243 - 3	12/20/2023
RENFO INT*GA*K7	PATTERN - 3		
DEFINING RESOURCE	LSF*LS		
HOLD-DIR	SE		
DEGREES	150		
AZIMUTH	CRS		
CRS-INB	330		
TURN-DIR	L		
CHARTING	MILITARY IAP		ADDED
CHARTING	IAP		DELETED

GEORGIA		NFDD 243 - 4	12/20/2023
RENFO WP*GA*K7	PATTERN - 2		
HOLD-DIR	SE		
DEGREES	150		
AZIMUTH	RNAV		
CRS-INB	330		
TURN-DIR	L		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	IAP		DELETED
CHARTING	MILITARY IAP		ADDED

ILLINOIS		NFDD 243 - 5	12/20/2023
DUTMY INT*IL*K5	PATTERN - 3		
DEFINING RESOURCE	SKE*TACAN		
HOLD-DIR	E		
DEGREES	107		
AZIMUTH	RAD		
CRS-INB	287		
TURN-DIR	R		
CHARTING	IAP		
CHARTING	MILITARY IAP		ADDED
ILLINOIS		NFDD 243 - 6	12/20/2023
SIMMN WP*IL*K5	PATTERN - 1		
HOLD-DIR	SE		
DEGREES	125		
AZIMUTH	RNAV		
CRS-INB	305		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	IAP		
CHARTING	SPECIAL IAP		ADDED
INDIANA		NFDD 243 - 7	12/20/2023
OZMOE INT*IN*K5	PATTERN - 3		
DEFINING RESOURCE	SHB*VOR/DME		
HOLD-DIR	E		
DEGREES	251		
AZIMUTH	RAD		
CRS-INB	251		
TURN-DIR	R		
CHARTING	ENROUTE LOW		DELETED
CHARTING	IAP		
KENTUCKY		NFDD 243 - 8	12/20/2023
FALMOUTH VOR/DME*KY	PATTERN - 3		
HOLD-DIR	SE		
DEGREES	137		
AZIMUTH	RNAV		
CRS-INB	317		
TURN-DIR	L		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED
OHIO		NFDD 243 - 9	12/20/2023
WUSPU INT*OH*K5	PATTERN - 2		
DEFINING RESOURCE	CVG*VORTAC		
HOLD-DIR	SW		

DEGREES	239		
AZIMUTH	RAD		
CRS-INB	059		
TURN-DIR	R		
CHARTING	STAR		
CHARTING	IAP		DELETED

OHIO		NFDD 243 - 10	12/20/2023
WUSPU WP*OH*K5	PATTERN - 3		
HOLD-DIR	SW		
DEGREES	239		
AZIMUTH	RNAV		
CRS-INB	059		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	IAP		DELETED
CHARTING	NOT REQUIRED		ADDED

OKLAHOMA		NFDD 243 - 11	12/20/2023
TULSA VORTAC*OK	PATTERN - 1		
DEFINING RESOURCE	TUL*VORTAC		
HOLD-DIR	N		
DEGREES	007		
AZIMUTH	RAD		
CRS-INB	187		
TURN-DIR	R		
CHARTING	NOT REQUIRED		DELETED
CHARTING	ENROUTE LOW		ADDED
CHARTING	ENROUTE HIGH		ADDED

* * * CANCELLED * * *

KENTUCKY		NFDD 243 - 12	12/20/2023
SAAPP WP*KY*K5	PATTERN - 1		
HOLD-DIR	SW		
DEGREES	225		
AZIMUTH	RNAV		
CRS-INB	045		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	IAP		

KENTUCKY		NFDD 243 - 13	12/20/2023
SAAPP WP*KY*K5	PATTERN - 2		
HOLD-DIR	NE		
DEGREES	046		
AZIMUTH	RNAV		
CRS-INB	226		

TURN-DIR	R
LEG LENGTH OUTBOUND	4 NM
CHARTING	IAP

MAINE		NFDD 243 - 14	12/20/2023
CAGOL WP*ME*K6	PATTERN - 1		
HOLD-DIR	SW		
DEGREES	222		
AZIMUTH	RNAV		
CRS-INB	042		
TURN-DIR	R		
LEG LENGTH OUTBOUND	4 NM		
CHARTING	SPECIAL IAP		

PREFERRED IFR ROUTE

EFFECTIVE 1/25/2024 OR AS NOTED THE FOLLOWING PREFERRED IFR ROUTES ARE ESTABLISHED, MODIFIED OR CANCELED AS INDICATED.

* * * ESTABLISHED * * *

HIGH ALTITUDE ROUTE

MCO*SAT*H*1	NFDD 243 - 1	12/20/2023
ORLANDO INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
OSPRY*ONE (RNAV) DP		
REMIS, K, OG FIX		
Y280 AWY		
LEV, VORTAC		
CAAGE, K4, TX FIX		
QERVO*ONE (RNAV) STAR		

MCO*SAT*H*2	NFDD 243 - 2	12/20/2023
ORLANDO INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
RDSOX*ONE (RNAV) DP		
JFRYS, K7, FL FIX		
PATOY, K7, FL FIX		
Q116 AWY		
JAWJA, K7, FL FIX		
CABLO, K7, GA FIX		
DEFUN, K7, FL FIX		
J2 AWY		
LCH, VORTAC		

CAAGE, K4, TX FIX
QERVO*ONE (RNAV) STAR

MDW*SAT*H*1	NFDD 243 - 3	12/20/2023
CHICAGO MIDWAY INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
ACITO, K5, IL FIX		
ADELL, K5, IL FIX		
ARLYN, K5, IL FIX		
STL, VORTAC		
DGD, VORTAC		
FSM, VORTAC		
WINDU, K4, TX FIX		
QERVO*ONE (RNAV) STAR		

MIA*SAT*H*1	NFDD 243 - 4	12/20/2023
MIAMI INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
GLADZ*TWO (RNAV) DP		
BAGGS, K, OG FIX		
Y290 AWY		
LEV, VORTAC		
CAAGE, K4, TX FIX		
QERVO*ONE (RNAV) STAR		

ORD*SAT*H*1	NFDD 243 - 5	12/20/2023
CHICAGO O'HARE INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
ACITO, K5, IL FIX		
ADELL, K5, IL FIX		
ARLYN, K5, IL FIX		
STL, VORTAC		
FSM, VORTAC		
WINDU, K4, TX FIX		
QERVO*ONE (RNAV) STAR		

PHX*SAT*H*1	NFDD 243 - 6	12/20/2023
PHOENIX SKY HARBOR INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		
ECLPS*ONE (RNAV) DP		
PHASE, K2, AZ FIX		
ELP, VORTAC		
FST, VORTAC		
MOPPP, K4, TX FIX		
DNKIN*ONE (RNAV) STAR		

SAT*ADS*H*1	NFDD 243 - 7	12/20/2023
SAN ANTONIO INTL TO ADDISON		

SPECIAL AREA	TO DFW EAST SAT(ADS CPT FWS GKY GPM HQZ JWY LNC RBD TKI F41 F46)	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
YODUH, K4, TX FIX		
DITSY, K4, TX FIX		
SWVAY*FOUR (RNAV) STAR		
SAT*AFW*H*1	NFDD 243 - 8	12/20/2023
SAN ANTONIO INTL TO PEROT FLD/FORT WORTH ALLIANCE		
SPECIAL AREA	TO DFW WEST SAT(AFW DTO FTW LUD NFW WEA 50F)	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
YODUH, K4, TX FIX		
SPPAD, K4, TX FIX		
LIKES*THREE (RNAV) STAR		
SAT*BNA*H*1	NFDD 243 - 9	12/20/2023
SAN ANTONIO INTL TO NASHVILLE INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
SNIDR*ONE (RNAV) DP		
BLUMS, K4, TX FIX		
IAH, VORTAC		
J29 AWY		
MEM, VORTAC		
CHSNE*TWO (RNAV) STAR		
SAT*BNA*H*2	NFDD 243 - 10	12/20/2023
SAN ANTONIO INTL TO NASHVILLE INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
KLNGR, K4, TX FIX		
FUZ, VORTAC		
J42 AWY		
TXK, VORTAC		
Q34 AWY		
EDWAH, K4, AR FIX		
MEM, VORTAC		
CHSNE*TWO (RNAV) STAR		
SAT*CLT*H*1	NFDD 243 - 11	12/20/2023
SAN ANTONIO INTL TO CHARLOTTE/DOUGLAS INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
SNIDR*ONE (RNAV) DP		
MOLLR, K4, TX FIX		
Q56 AWY		
CATLN, K7, AL FIX		
BESTT, K7, GA FIX		
JONZE*FOUR (RNAV) STAR		

SAT*CLT*H*2	NFDD 243 - 12	12/20/2023
SAN ANTONIO INTL TO CHARLOTTE/DOUGLAS INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
KLNGR, K4, TX FIX		
FUZ, VORTAC		
Q184 AWY		
MERDN, K7, MS FIX		
BESTT, K7, GA FIX		
JONZE*FOUR (RNAV) STAR		

SAT*DAL*H*1	NFDD 243 - 13	12/20/2023
SAN ANTONIO INTL TO DALLAS LOVE FLD		
ROUTE DIRECTION	DAL SOUTH FLOW	
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
YODUH, K4, TX FIX		
DITSY, K4, TX FIX		
BACHR*FOUR (RNAV) STAR		

SAT*DAL*H*2	NFDD 243 - 14	12/20/2023
SAN ANTONIO INTL TO DALLAS LOVE FLD		
ROUTE DIRECTION	DAL NORTH FLOW	
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
YODUH*ONE (RNAV) DP		
YODUH, K4, TX FIX		
DITSY, K4, TX FIX		
DRYYE*TWO (RNAV) STAR		

SAT*DEN*H*2	NFDD 243 - 15	12/20/2023
SAN ANTONIO INTL TO DENVER INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	
ROUTE CONFIGURATION		
ALISS*SIX (RNAV) DP		
ALISS, K4, TX FIX		
JCT, VORTAC		
Q20 AWY		
CNX, VORTAC		
GNDLA, K2, NM FIX		
TBARR*THREE (RNAV) STAR		

* * * MODIFIED * * *

HIGH ALTITUDE ROUTE

MSY*SAT*H*2	NFDD 243 - 16	12/20/2023
LOUIS ARMSTRONG NEW ORLEANS INTL TO SAN ANTONIO INTL		
SPECIAL AREA TO SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1		
ROUTE CONFIGURATION		

ADDED

LCH, VORTAC		
IAH, VORTAC		DELETED
BRAUN*THREE (RNAV) STAR		DELETED
CAAGE, K4, TX FIX		ADDED
QERVO*ONE (RNAV) STAR		ADDED
SAT*DEN*H*1	NFDD 243 - 17	12/20/2023
SAN ANTONIO INTL TO DENVER INTL		
SPECIAL AREA	FROM SAT, BAZ, CVB, PEZ, RND, SSF, SKF, 5C1	ADDED
ROUTE CONFIGURATION		
ALAMO*THREE DP		DELETED
HENLY, K4, TX FIX		DELETED
ABI, VORTAC		DELETED
J17 AWY		DELETED
YODUH*ONE (RNAV) DP		ADDED
PRTZY, K4, TX FIX		ADDED
PNH, VORTAC		
ZIGEE, K2, CO FIX		
NIIXX*THREE (RNAV) STAR		

GRAPHIC REVISION: BISHOP INTL, MI (FNT)
REVISED NON-MOVEMENT AREAS

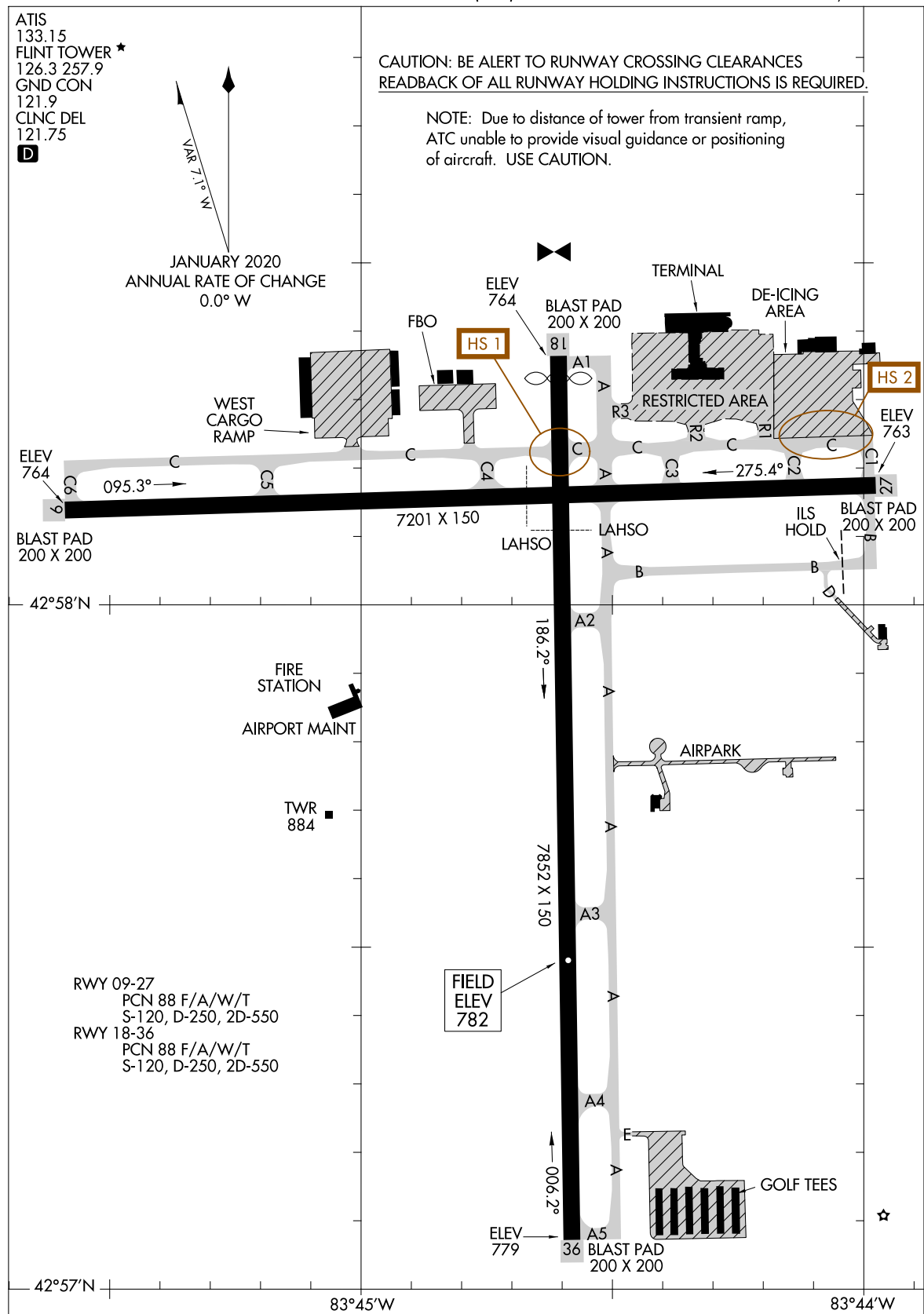
24025

AIRPORT DIAGRAM

AL-618 (FAA)

BISHOP INTL (FNT)

FLINT, MICHIGAN



AIRPORT DIAGRAM

24025

FLINT, MICHIGAN

BISHOP INTL (FNT)

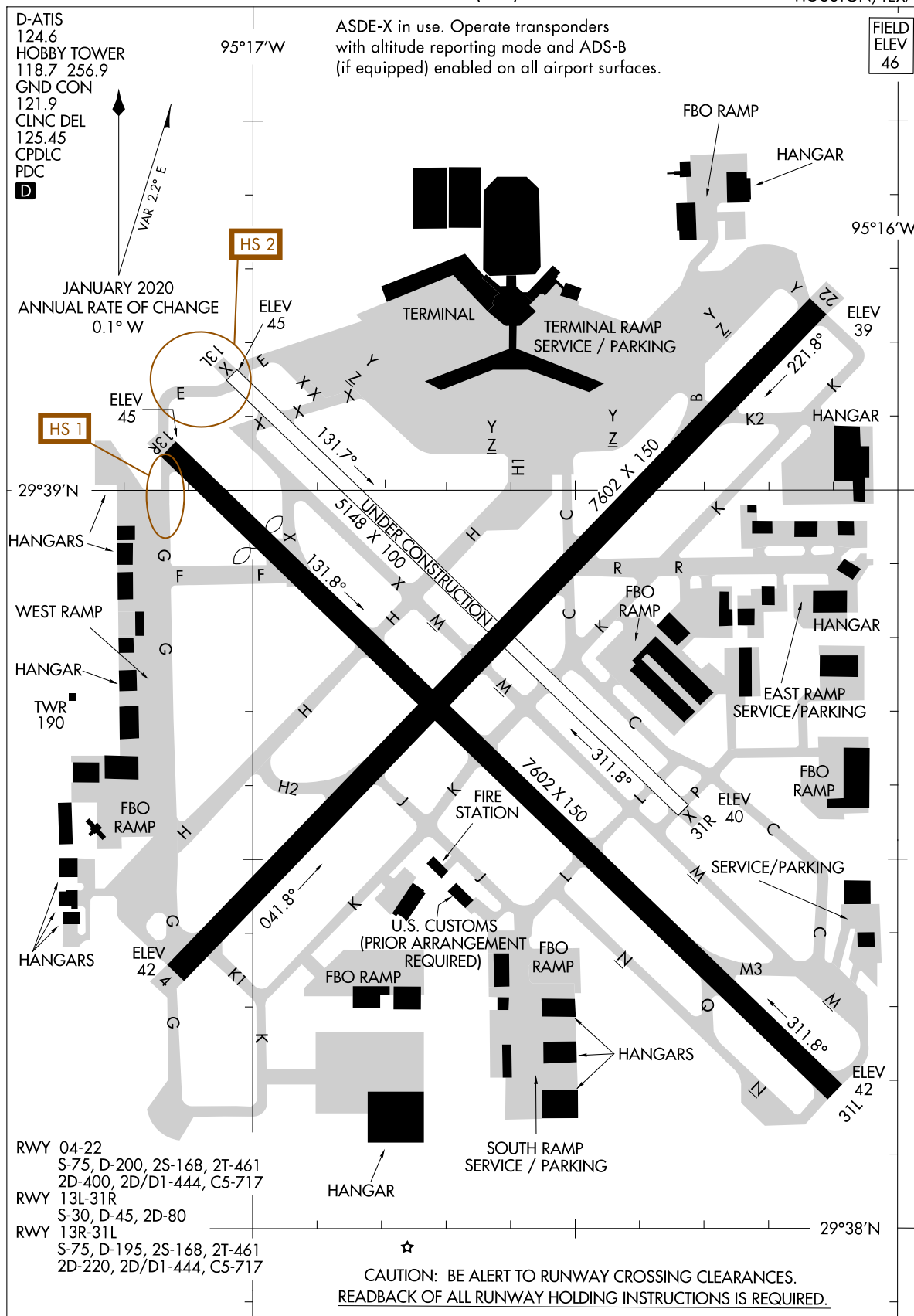
GRAPHIC REVISION: WILLIAM P HOBBY, TX (HOU)
CLOSE TWYS D & M1
CLOSE PORTION OF APRON AREA NORTH OF TWY D
CLOSE PORTION OF TWY M

24025

AIRPORT DIAGRAM

AL-198 (FAA)

WILLIAM P HOBBY (HOU)
HOUSTON, TEXAS



AIRPORT DIAGRAM

24025

HOUSTON, TEXAS
WILLIAM P HOBBY (HOU)

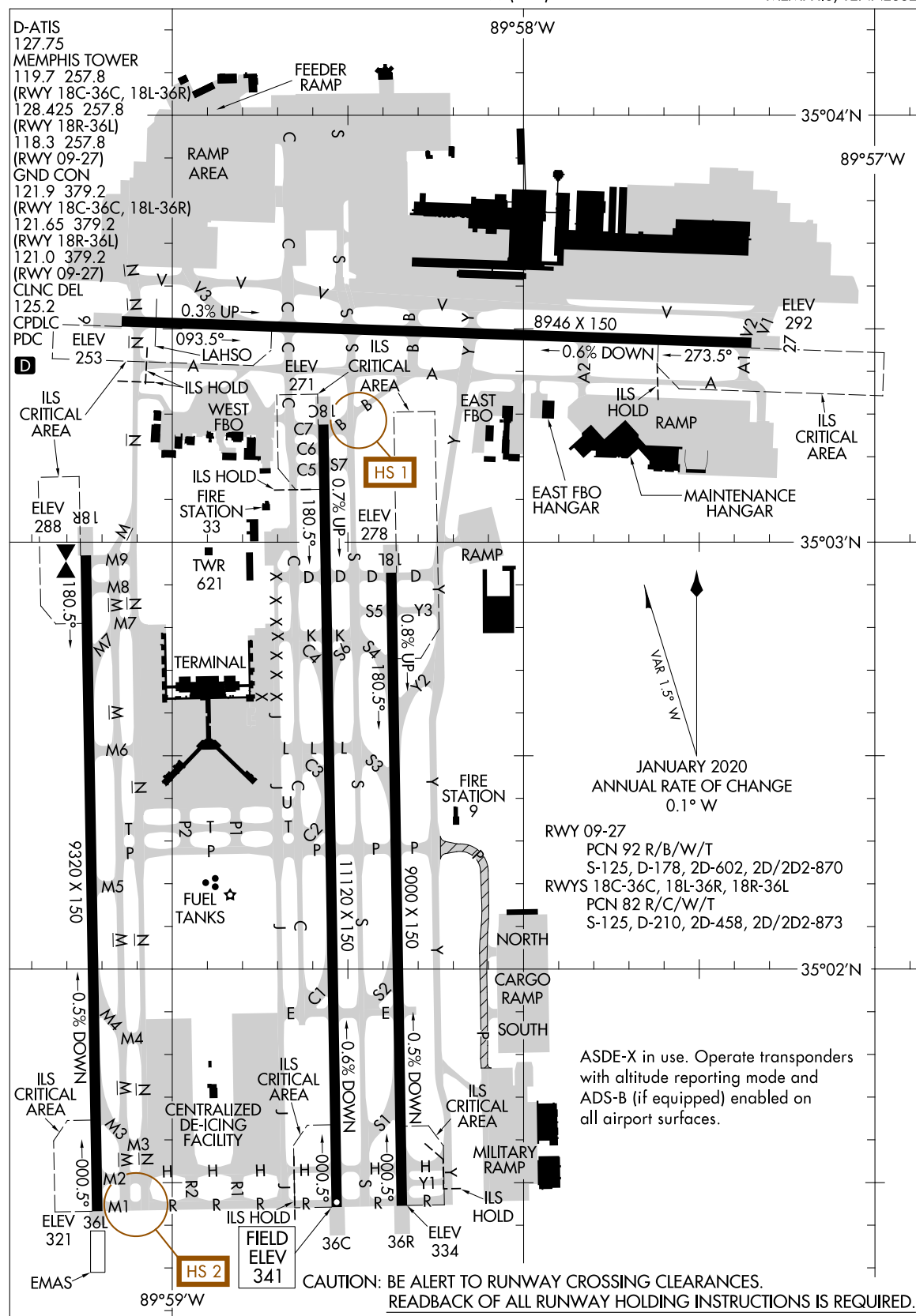
GRAPHIC REVISION: MEMPHIS INTL, TN (MEM)
SHIFT ILS HOLD LOCATION ON TWY A FOR RWY 27
CLOSE PORTION OF TERMINAL APRON

24025

AIRPORT DIAGRAM

AL-253 (FAA)

MEMPHIS INTL (MEM)
MEMPHIS, TENNESSEE



AIRPORT DIAGRAM

24025

MEMPHIS, TENNESSEE
MEMPHIS INTL (MEM)

**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>
SWTSR	SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13L: CLIMB ON HEADING 132.63 TO 1000, THENCE...

TAKEOFF RWY 13R: CLIMB ON HEADING 132.62 TO 1000, THENCE...

...DIRECT TO CROSS DRESET AT OR BELOW 6000, THEN ON TRACK 132.66 TO CROSS HAYZZ AT OR ABOVE 6000, THEN ON TRACK 131.95 TO CROSS SHRAM BETWEEN 7000 AND 8000, THEN ON TRACK 088.32 TO LNDRE, THEN ON TRACK 014.14 TO SWTSR, THEN ON TRANSITION. MAINTAIN 8000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L: CLIMB ON HEADING 312.63 TO 1000, THEN DIRECT TO CROSS FLOWT AT OR ABOVE 2700, THEN ON TRACK 010.00 TO DRNEN, THEN ON TRACK 010.00, THENCE...

TAKEOFF RWY 31R: CLIMB ON HEADING 312.64 TO 1000, THEN DIRECT TO CROSS BARYY AT OR ABOVE 2700, THEN ON TRACK 010.00 TO KRENR, THEN ON TRACK 010.00, THENCE...

...FOR VECTORS TO CROSS SHRAM BETWEEN 7000 AND 8000, THEN ON TRACK 088.32 TO LNDRE, THEN ON TRACK 014.14 TO SWTSR, THEN ON TRANSITION. MAINTAIN 8000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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>
ARDMORE	SWTSR7.ADM	SWTSR	LOWGN	TRACK 311.81	53.97	7000	2700	
		LOWGN	ADM VORTAC	TRACK 002.09	45.75	11000	2600	
BLECO	SWTSR7.BLECO	SWTSR	BLECO	TRACK 317.58	49.17	7000	2700	
EAKER	SWTSR7.EAKER	SWTSR	GRABE	TRACK 324.92	44.84	7000	2700	
		GRABE	EAKER	TRACK 015.12	54.60	10000	3800	
GRABE	SWTSR7.GRABE	SWTSR	GRABE	TRACK 324.92	44.84	7000	2700	
WILL ROGERS	SWTSR7.IRW	SWTSR	BLECO	TRACK 317.58	49.17	7000	2700	
		BLECO	ZEMMA	TRACK 003.04	56.20	11000	3100	
		ZEMMA	IRW VORTAC	TRACK 329.54	65.91	11000	2900	
MC ALESTER	SWTSR7.MLC	SWTSR	AKUNA	TRACK 333.02	41.50	7000	2700	
		AKUNA	TIKYS	TRACK 025.19	41.90	10000	3800	
		TIKYS	MLC TACAN	TRACK 031.08	56.73	10000	2600	

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>	
SWTSR		SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024	
OKMULGEE	SWTSR7.OKM	SWTSR	GRABE	TRACK 324.92	44.84	7000	2700
		GRABE	EAKER	TRACK 015.12	54.60	10000	3800
		EAKER	OKM VOR/DME	TRACK 021.06	90.40	10000	3400
ROLLS	SWTSR7.ROLLS	SWTSR	LOWGN	TRACK 311.81	53.97	7000	2700
		LOWGN	ADM VORTAC	TRACK 002.09	45.75	11000	2600
		ADM VORTAC	MRMAC	TRACK 306.22	60.00	11000	2900
		MRMAC	ROLLS	TRACK 305.69	85.20	11000	4500
TIKYS	SWTSR7.TIKYS	SWTSR	AKUNA	TRACK 333.02	41.50	7000	2700
		AKUNA	TIKYS	TRACK 025.19	41.90	10000	3800
TULSA	SWTSR7.TUL	SWTSR	BLECO	TRACK 317.58	49.17	7000	2700
		BLECO	ZEMMA	TRACK 003.04	56.20	11000	3100
		ZEMMA	TUL VORTAC	TRACK 025.19	123.58	11000	3000
ZEMMA	SWTSR7.ZEMMA	SWTSR	BLECO	TRACK 317.58	49.17	7000	2700
		BLECO	ZEMMA	TRACK 003.04	56.20	11000	3100

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: PROPS FILE AND EXPECT TEXOMA DEPARTURE.

NOTE: EAKER TRANSITION FOR AIRCRAFT INBOUND TO TULSA TERMINAL AREA.

NOTE: AIRCRAFT INBOUND OKLAHOMA CITY TERMINAL AREA FILE AND EXPECT THE ZEMMA TRANSITION.

NOTE: OKMULGEE TRANSITION FOR AIRCRAFT OVERFLYING THE OKM VOR/DME PROCEEDING ON J181 TO BDF TO DESTINATIONS IN THE CHICAGO TERMINAL AREA AND NORTH.

NOTE: ROLLS TRANSITION FOR AIRCRAFT PROCEEDING NORTHWESTBOUND ON J52.

NOTE: TULSA TRANSITION FOR AIRCRAFT OVERFLYING TUL VORTAC.

NOTE: WILL ROGERS TRANSITION FOR AIRCRAFT OVERFLYING THE IRW VORTAC.

NOTE: USE THE TEXOMA DEPARTURE DURING THE PERIOD 2100-0600 LOCAL TIME IN LIEU OF THE SWTSR DEPARTURE.

NOTE: DO NOT FILE BLECO TRANSITION: TO BE ASSIGNED BY ATC.

NOTE: DO NOT FILE GRABE TRANSITION: TO BE ASSIGNED BY ATC.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SWTSR	SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024

TAKEOFF MINIMUMS:

RWY 13L: STANDARD WITH MINIMUM CLIMB OF 262 FT PER NM TO 1600.
RWY 13R: STANDARD WITH MINIMUM CLIMB OF 315 FT PER NM TO 1700.
RWY 31L, 31R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1000.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 13R: 1368 FT MSL BUILDING 324648.00N/0964814.00W.
RWY 13L: 1282 FT MSL BUILDING 324653.00N/0964807.00W.

MSA:

MSA FROM KDAL 3600.

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

CHART: TOP ALTITUDE: 8000.
AIRPORT MV: DAL 3E/2020.
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: MINIMUM CROSSING ALTITUDE AT SWTSR-7000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KDAL	DALLAS	TX

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND CON, TWR, CPDLC

FIXES AND/OR NAVAIDS:**REMARKS:**

LNAV ENGAGEMENT 500 FT/NM TO 1000 FEET WAS USED IN CONSTRUCTION FOR RUNWAYS 31L, 31R TO ALLOW THE VA/DF CONFIGURATION ENDING AT FLOWT/BARYY. WITHOUT THE CLIMB GRADIENT, THE VA/DF IS NOT ALLOWED THUS RESULTING IN A DTA THAT IS NOT EXECUTABLE FROM THE CLIMB ALTITUDE TURN ARCS.
100 FT VEGETATION USED PER FPT.
ENVIRONMENTAL REVIEW COMPLETE.
NOISE SCREEN COMPLETE.
APPROVAL LETTERS ON FILE FOR CLIMB GRADIENT GREATER THAN 500 FT/NM TO MEET HAYZZ, FLOWT, BARYY ALTITUDE RESTRICTIONS.
ATC HAS APPROVED A COURSE CHANGE OF 45 DEGREES TO BE USED AT THE IDF IN LIEU OF 90 DEGREES (BELOW FL195) AND 70 DEGREES (AT OR ABOVE FL195).
USER DEFINED TAILWIND COMPONET WAS USED FOR FIXS BARRY, FLOWT, LNDRE, AND SWTSR. (HISTORICAL TAILWIND 2017-2021).
MEAS ARE BASED ON LOWEST NAVIGATION RECEPTION ALTITUDE TO REMARKS.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SWTSR	SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
RUSSEL ROSLEWSKI	<i>Digitally signed by</i> CASIMIR L TABAKA Dec 15, 2023	FPO	12/14/2023

<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>
KEEFER, JOHN	<i>Digitally signed by</i> CASIMIR L TABAKA Jun 21, 2023	AJV-A432	05/05/2023

<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
TABAKA, CASIMIR	<i>Digitally signed by</i> CASIMIR L TABAKA	AJV-A430		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE Jun 21, 2023

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW ARTCC, REGIONAL DEP CON, DAL ATCT, AMGR.

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION TAKEOFF RWY 13L CHANGED FROM CLIMB ON HEADING 132.64 TO CLIMB ON HEADING 132.63. - NEW SURVEY
2. RWY 31L/31R ROUTE DESCRIPTION SHRAM ALTITUDE CHANGED FROM CROSSING AT OR ABOVE 7000 TO CROSSING BETWEEN 7000 AND 8000. - FPT/ATC DIRECTED.
3. DP ROUTE DESCRIPTION FOR RWY 31L AND 31R CHANGED FROM CLIMB ON HEADING 312.63 AND 312.65 TO 2700 THENCE.....RIGHT TURN HEADING 013.00 OR AS ASSIGNED BY ATC, MAINTAIN 3000, EXPECT RADAR VECTORS TO CROSS SHRAM AT OR ABOVE 7000, THEN ON TRACK 088.32 TO LNDRE, THEN ON TRACK 014.14 TO SWTSR, THEN ON (TRANSITION). EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE TO TAKEOFF RWY 31L: CLIMB ON HEADING 312.63 TO 1000, THEN DIRECT TO CROSS FLOWT AT OR ABOVE 2700, THEN ON TRACK 010.00 TO DRNEN, THEN ON TRACK 010.00, THENCE..., TAKEOFF RWY 31R: CLIMB ON HEADING 312.64 TO 1000, THEN DIRECT TO CROSS BARYY AT OR ABOVE 2700, THEN ON TRACK 010.00 TO KRENH, THEN ON TRACK 010.00, THENCE.....FOR VECTORS TO CROSS SHRAM BETWEEN 7000 AND 8000, THEN ON TRACK 088.32 TO LNDRE, THEN ON TRACK 014.14 TO SWTSR, THEN ON TRANSITION. MAINTAIN 8000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. - FPT/ATC DIRECTED.
4. MEA SWTSR TO LOWGN, SWTSR TO BLECO, SWTSR TO AKUNA CHANGED FROM FL 180 TO 7000. - NEW COMMUNICATION-NAVIGATION RECEPTION EVALUATION/8260.3E COMPLIANCE.
5. MEA MRMAC TO ROLLS, ZEMMA TO IRW CHANGED FROM FL 180 TO 11000. - NEW COMMUNICATION-NAVIGATION RECEPTION EVALUATION/8260.3E COMPLIANCE.
6. MEA GRABE TO EAKER, EAKER TO OKM, AKUNA TO TIKYS, TIKYS TO MLC CHANGED FROM FL 180 TO 10000. - NEW COMMUNICATION-NAVIGATION RECEPTION EVALUATION/8260.3E COMPLIANCE.
7. MEA/MOCA LOWGN TO ADM CHANGED FROM FL 180/2500 TO 11000/2600. - NEW COMMUNICATION-NAVIGATION RECEPTION/TARGETS EVALUATIONS/8260.3E COMPLIANCE.
8. MEA/MOCA ADM TO MRMAC CHANGED FROM FL 180/2800 TO 11000/2900. - NEW COMMUNICATION-NAVIGATION RECEPTION/TARGETS EVALUATIONS/8260.3E COMPLIANCE.
9. MEA/MOCA BLECO TO ZEMMA CHANGED FROM FL 180/3700 TO 11000/3100. - NEW COMMUNICATION-NAVIGATION RECEPTION/TARGETS EVALUATIONS/8260.3E COMPLIANCE.
10. MEA/MOCA ZEMMA TO TUL CHANGED FROM FL 180/2900 TO 11000/3000. - NEW COMMUNICATION-NAVIGATION RECEPTION/TARGETS EVALUATIONS/8260.3E COMPLIANCE.
11. MEA/MOCA SWTSR TO GRABE CHANGED FROM FL 180/2600 TO 7000/2700. - NEW COMMUNICATION-NAVIGATION RECEPTION/TARGETS EVALUATIONS/8260.3E COMPLIANCE.
12. RADAR REQUIRED WAS MOVED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES. - 8260.46J COMPLIANCE.
13. DME/DME/IRU OR GPS REQUIRED AND RNAV 1 NOTES WERE MOVED FROM PROCEDURAL DATA NOTES AND WERE COMBINED TO RNAV 1 - DME/DME/IRU OR GPS REQUIRED IN PBN REQUIREMENT NOTES. - PER 8260-46J COMPLIANCE.
14. TAKEOFF MINIMUMS RWY 13L CHANGED FROM 500 FT PER NM TO 1200 TO MINIMUM CLIMB OF 262 FT PER NM TO 1600. - LNAV ENGAGEMENT CLIMB GRADIENT REMOVED IAW 8260.46J/8260.58B CRITERIA AS AN EARLY TURN TO SHORTEN THE ICA IS NOT NECESSARY.
15. TAKEOFF MINIMUMS RWY 13R CHANGED FROM 500 FT PER NM TO 1200 TO MINIMUM CLIMB OF 315 FT PER NM TO 1700. - LNAV ENGAGEMENT CLIMB GRADIENT REMOVED IAW 8260.46J/8260.58B CRITERIA AS AN EARLY TURN TO SHORTEN THE ICA IS NOT NECESSARY.
16. CONTROLLING OBSTACLE RWY 13L CHANGED FROM 1368 FT MSL ANTENNA 324648.00N/0964814.00W TO 1282 FT MSL BUILDING 324653.00N/0964807.00W. - NEW OBSTACLE CHANGED FROM ANTENNA TO BUILDING IN DATABASE.
17. ADDITIONAL FLIGHT DATA REFERENCE MAG VAR: KDAL 3E EPOCH YR: 2020 CHANGED TO AIRPORT MV: DAL 3E/2020. - 8260-46J COMPLIANCE.
18. PILOT NAVIGATION AREA REMOVED FROM ADDITIONAL FLIGHT DATA. - 8260.46J COMPLIANCE.
19. ADDED MSA FROM KDAL 3600 IN MSA. - 8260.46J COMPLIANCE.
20. REGIONAL DEP CON REMOVED FROM COMMUNICATIONS. - IT WILL CHART AUTOMATICALLY PER 8260.46J
21. ADDED LNAV ENGAGEMENT STATEMENT TO REMARKS. - TO ADVISE WHY THE 500 FT PER/NM TO 1000 WAS USED FOR RWY 31L/31R.
22. ADDED VEGETATION HEIGHT 100 FEET TO REMARKS. - PER FPT.
23. ADDED NOISE SCREEN AND ENVIRONMENTAL REVIEW TO REMARKS. - 8260.46J COMPLIANCE.
24. ADDED APPROVAL LETTERS ON FILE FOR CLIMB GRADIENT TO REMARKS. - ADVISORY THAT APPROVAL WAS RECEIVED FOR CLIMB GRADIENT.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SWTSR	SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024

25. ADDED ATC HAS APPROVED A COURSE CHANGE OF 45 DEGREES TO BE USED AT THE IDF IN LIEU OF 90 DEGREES (BELOW FL195) AND 70 DEGREES (AT OR ABOVE FL195) TO REMARKS. - ADVISORY FOR DEPARTURE CONSTRUCTION/8260.46J COMPLIANCE.
26. REMOVED CHART: MEA/MOCA SHRAM TO LNDRE, 8300/2100. MEA/MOCA FROM LNDRE SWTSR, 10000/1900 FROM ADDITIONAL FLIGHT DATA. - MEA/MOCA NOT CHARTED PER COMMON ROUTE.
27. DO NOT FILE BLECO TRANSITION: TO BE ASSIGNED BY ATC. ADDED TO PROCEDURAL DATA NOTES. - FPT/ATC REQUEST.
28. DO NOT FILE GRABE TRANSITION: TO BE ASSIGNED BY ATC. ADDED TO PROCEDURAL DATA NOTES. - FPT/ATC REQUEST.
29. USER DEFINED TAILWIND COMPONENT WAS USED FOR FIXS BARRY, FLOWT, LNDRE, AND SWTSR. (HISTORICAL TAILWIND 2017-2021). - ADVISORY OF DEPARTURE CONSTRUCTION.
30. ADDED MEAS ARE BASED ON LOWEST NAVIGATION RECEPTION ALTITUDE TO REMARKS. - 8260.3E COMPLIANCE.
31. PILOT NAVIGATION AREA REMOVED FROM ADDITIONAL FLIGHT DATA. - PILOT NAVIGATION AREA REMOVED FROM CRITERIA.
32. ADDED CHART: MINIMUM CROSSING ALTITUDE SWTSR-7000 TO ADDITIONAL FLIGHT DATA. - PER 8260.46J COMPLIANCE.
33. CHANGED LOVE TWR TO TWR IN COMMUNICATIONS. - SID SERVES ONE AIRPORT.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
SWTSR				SEVEN		SWTSR7.SWTSR		SIX		11/05/2020		25 JAN 2024	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW13L (AER)*	325123.36N/0965121.20W	N	-	-	-	-			*DISPL THLD (399 FT)				
1000 MSL	-	-	-	VA	135.63	-	AT/ABOVE 1000		CG 262 FT PER NM TO 1600				
DRSET	324536.47N/0964505.03W	Y	FB	DF	-	-	AT/BELOW 6000						
HAYZZ	324243.89N/0964145.62W	Y	FB	TF	135.66	4.01	AT/ABOVE 6000						
SHRAM	324059.89N/0963942.44W	Y	FB	TF	134.95	2.45	7000B8000						
RW13R (AER)*	325101.28N/0965144.42W	N	-	-	-	-			*DISPL THLD (489 FT)				
1000 MSL		-	-	VA	135.62	-	AT/ABOVE 1000		CG 315 FT PER NM TO 1700				
DRSET	324536.47N/0964505.03W	Y	FB	DF	-	-	AT/BELOW 6000						
HAYZZ	324243.89N/0964145.62W	Y	FB	TF	135.66	4.01	AT/ABOVE 6000						
SHRAM	324059.89N/0963942.44W	Y	FB	TF	134.95	2.45	7000B8000						
RW31L (AER)	325002.50N/0965036.30W	N	-	-	-	-							
1000 MSL	-			VA	315.63	-	AT ABOVE 1000		CG 500 FT PER NM TO 1000				
FLOWT	325409.84N/0965522.97W	Y	FB	DF	-	-	AT/ABOVE 2700						
DRNEN	325606.99N/0965450.90W	Y	FO	TF	013.00	2.00							
DRNEN	325606.99N/0965450.90W	-	-	FM	013.00	-							
RW31R (AER)	325031.36N/0965020.95W	N	-	-	-	-							
1000 MSL		-	-	VA	315.64	-	AT/ABOVE 1000		CG 500 FT PER NM TO 1000				
BARYY	325433.01N/0965504.40W	Y	FB	DF	-	2.00	AT/ABOVE 2700						
KRENR	325630.16N/0965432.32W	Y	FO	TF	13.00	-							

QUALITY

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DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE	
SWTSR						SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	25 JAN 2024	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
KRENR	325630.16N/0965432.32W	-	-	FM	13.00	-					
SHRAM	324059.89N/0963942.44W	Y	-	IF	-	-	7000B8000				
LNDRE	324050.94N/0963214.09W	Y	FB	TF	091.32	6.31					
SWTSR	324904.80N/0962913.74W	Y	FB	TF	017.14	8.60	AT/ABOVE 7000				
TRANSITIONS											
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.ADM		
LOWGN	332702.70N/0971459.29W	Y	FB	TF	314.81	53.97					
ADM VORTAC	341241.71N/0971005.62W	Y	FB	TF	005.09	45.75					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.BLECO		
BLECO	332702.70N/0970632.59W	Y	FB	TF	320.58	49.17					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.EAKER		
GRABE	332705.25N/0965741.50W	Y	FB	TF	327.92	44.84					
EAKER	341902.72N/0963711.52W	Y	FB	TF	018.12	54.60					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.GRABE		
GRABE	332705.25N/0965741.50W	Y	FB	TF	327.92	44.84					

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NFDD No. 243							12/20/2023		38		
<u>DP NAME</u>							<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SWTSR							SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	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>		
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.IRW		
BLECO	332702.70N/0970632.59W	Y	FB	TF	320.58	49.17					
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20					
IRW VORTAC	352130.95N/0973633.22W	Y	FB	TF	332.54	65.91					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.MLC		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	336.02	41.50					
TIKYS	340359.93N/0962533.53W	Y	FB	TF	028.19	41.90					
MLC TACAN	345057.99N/0954656.44W	Y	FB	TF	034.08	56.73					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.OKM		
GRABE	332705.25N/0965741.50W	Y	FB	TF	327.92	44.84					
EAKER	341902.72N/0963711.52W	Y	FB	TF	018.12	54.60					
OKM VOR/DME	354135.07N/0955157.44W	Y	FB	TF	024.06	90.40					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.ROLLS		
LOWGN	332702.70N/0971459.29W	Y	FB	TF	314.81	53.97					
ADM VORTAC	341241.71N/0971005.62W	Y	FB	TF	005.09	45.75					
MRMAC	345028.82N/0980634.32W	Y	FB	TF	309.22	60.00					
ROLLS	354321.88N/0992814.51W	Y	FB	TF	308.69	85.20					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.TIKYS		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	336.02	41.50					
TIKYS	340359.93N/0962533.53W	Y	FB	TF	028.19	41.90					

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NFDD No. 243							12/20/2023		39		
<u>DP NAME</u>							<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
SWTSR							SEVEN	SWTSR7.SWTSR	SIX	11/05/2020	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>		
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.TUL		
BLECO	332702.70N/0970632.59W	Y	FB	TF	320.58	49.17					
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20					
TUL VORTAC	361146.51N/0954717.13W	Y	FB	TF	028.19	123.58					
SWTSR	324904.80N/0962913.74W	Y	-	IF	-	-			SWTSR7.ZEMMA		
BLECO	332702.70N/0970632.59W	Y	FB	TF	320.58	49.17					
ZEMMA	342301.81N/0965924.01W	Y	FB	TF	006.04	56.20					

