



NATIONAL FLIGHT DATA DIGEST

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

Thursday

NO. 125

06/30/2022

NAVAID/COM

INDIANA		NFDD 125 - 1	06/30/2022
SOUTH BEND - SOUTH BEND INTL(SBN)			
ASOS	SBN		
FREQUENCY	120.675		ADDED
PHONE NUMBER	574-251-2652		MODIFIED

INSTRUMENT LANDING SYSTEMS

FLORIDA		NFDD 125 - 1	06/30/2022
LAKELAND			
LAKELAND LINDER INTL AIRPORT ILS/DME RWY 10			
IDENT	I-LAL		
RMK	ILS CLASSIFICATION CODE IIIE.		MODIFIED

AIR TRAFFIC CONTROL TOWERS

MISSISSIPPI		NFDD 125 - 1	06/30/2022
MERIDIAN			
MERIDIAN NAS (MC CAIN FLD)-ATCT-RATCF			
IDENT	NMM		
RMKMILITARY VALIDATED (FIL 212203)....		NOTE

NEW JERSEY		NFDD 125 - 2	06/30/2022
NEWARK			
NEWARK LIBERTY INTL-ATCT			
IDENT	EWR		
FREQUENCIES			
APCH/DEP CALL	NEW YORK		
SVC PRVDR NAME	NEW YORK TRACON		ADDED
FREQUENCY	120.15		ADDED
FREQUENCY USE	SHAFF STAR		ADDED
APCH/DEP CALL	NEW YORK		
SVC PRVDR NAME	NEW YORK TRACON		ADDED
FREQUENCY	379.9		ADDED
FREQUENCY USE	SHAFF STAR		ADDED

AIRPORT

ALABAMA		NFDD 125 - 1	06/30/2022
DECATUR			
PRYOR FLD RGNL AIRPORT		(DCU)	00251.A
LATITUDE - 34-39-14.6 N		LONGITUDE -	086-56-43.3 W
FUEL	A1+		DELETED
FUEL	A+		ADDED
RMK	ARPT UNATTD THANKSGIVING, CHRISTMAS, NEW YEARS		MODIFIED
RWY ID	18/36		
RWY END	18		
RMK	MKG TYPE - COND: PART OF RWY MARKINGS HAVE BEEN CLEANED OR ARE VSB. SVRL PA TDZ MARKINGS AND RWY EDGE MARKINGS PARTIALLY OBSC/FADED.		DELETED
RWY END	36		
RMK	MKG TYPE - COND: PART OF RWY MARKINGS HAVE BEEN CLEANED OR ARE VSB. SVRL PA TDZ MARKINGS AND RWY EDGE MARKINGS PARTIALLY OBSC/FADED.		DELETED

ALASKA		NFDD 125 - 2	06/30/2022
KARLUK LAKE			
KARLUK LAKE SEAPLANE BASE		(KKL)	50399.71C
LATITUDE - 57-22-01.329 N		LONGITUDE -	154-01-39.328 W
BOTTLE OXYGEN	NONE		DELETED
BULK OXYGEN	NONE		DELETED

ALASKA		NFDD 125 - 3	06/30/2022
WASILLA			
MCHONE HEIGHTS AIRPORT		(01AN)	50870.86A PRIVATE OBJECTIONABLE
LATITUDE - 61-38-56.5 N		LONGITUDE -	149-20-20.5 W
ARPT ELEV	610 E		ADDED
ARPT ELEV DATE	06/28/2022		ADDED
ARPT ELEV SOURCE	ADO		ADDED
LATITUDE	61-38-56.5 N		ADDED
LONGITUDE	149-20-20.5 W		ADDED

ARPT PSN DATE	06/28/2022	ADDED
ARPT PSN SOURCE	ADO	ADDED
ARPT NAME	MCHONE HEIGHTS	ADDED
CITY	WASILLA	ADDED
DIST AND DRCTN	5 NE	ADDED
ARPT ID	01AN	ADDED
ARPT SITE NO	50870.86A	ADDED
AIRPORT USE	PRIVATE	ADDED
ARPT STATUS	OPERATIONAL	ADDED
FSS ID	ENA*KENAI	ADDED
FSS TOLL FREE NUMBER	1-866-864-1737	ADDED
INSPECTOR CODE	NOT INSPECTED	ADDED
AIRSPACE DETERMINATION	OBJECTIONABLE	ADDED
EPOCH YEAR	2015	ADDED
MAG-VAR	18 E	ADDED
MIN OPERATIONAL NETWORK	NO	ADDED
RWY ID	09/27	
LENGTH	1886	ADDED
LENGTH DATE	06/28/2022	ADDED
LENGTH SOURCE	ADO	ADDED
WIDTH	180	ADDED
SURFACE	TURF	ADDED
RWY END	09	
RWY END	09	ADDED
ELEVATION	610	ADDED
RWY END ELEV DATE	06/28/2022	ADDED
RWY END ELEV SOURCE	ADO	ADDED
LATITUDE	61-38-56.0 N	ADDED
LONGITUDE	149-20-40.0 W	ADDED
RWY END PSN DATE	06/28/2022	ADDED
RWY END PSN SOURCE	ADO	ADDED
RWY END	27	
RWY END	27	ADDED
RGT TFC	YES	ADDED
ELEVATION	610	ADDED
RWY END ELEV DATE	06/28/2022	ADDED
RWY END ELEV SOURCE	ADO	ADDED
LATITUDE	61-38-57.0 N	ADDED
LONGITUDE	149-20-01.0 W	ADDED
RWY END PSN DATE	06/28/2022	ADDED
RWY END PSN SOURCE	ADO	ADDED
RMK	RGT TFC: USE CAUTION WITH ADJ ARPTS INVOF.	ADDED

COLORADO	NFDD 125 - 4	06/30/2022
WALDEN		
WALDEN-JACKSON COUNTY AIRPORT	(33V)	02750.A
LATITUDE - 40-45-01.4 N	LONGITUDE -	106-16-17.5 W
RWY ID	04/22	
RMK	SURFACE: RWY 4-22 ASPH PVMT USBL BUT CRACKED THRUT AND DELAMINATING AT APCH ENDS.	MODIFIED

FLORIDA	NFDD 125 - 5	06/30/2022
PENSACOLA		
ROSCOE FLD AIRPORT	(82J)	03433.2A

LATITUDE -	30-23-53.795 N	LONGITUDE -	087-20-56.415 W	
ARPT NAME		FERGUSON		REPLACED
ARPT NAME		ROSCOE FLD		NEW
ILLINOIS		NFDD 125 - 6	06/30/2022	
FAIRFIELD				
FAIRFIELD MUNI AIRPORT		(FWC)	04635.1A	
LATITUDE -	38-22-43.079 N	LONGITUDE -	088-24-45.548 W	
RWY ID	18/36			
RWY END	18			
CTLG OBSTN	TREES			ADDED
INDIANA		NFDD 125 - 7	06/30/2022	
SOUTH BEND				
SOUTH BEND INTL AIRPORT		(SBN)	05661.A	
LATITUDE -	41-42-29.606 N	LONGITUDE -	086-19-02.415 W	
RMK	APT LGT SKED: WHEN ATCT CLSD; ACTVT & INCR INTST MALSF RWY 09R; MALSR RWY 27L; HIRL RWY 09R/27L; MIRL RWY 18/36; TWY EXC TWY J, J1, J2 - CTAF.			MODIFIED
RWY ID	09L/27R			
RMK	RWY ID: NOT AVBL TO ACR OPS MORE THAN 9 PAX SEATS OR UNSKED ACR AT LEAST 31 PAX SEATS. CLSD WHEN TWR CLSD; WT RSTRD 45000 SINGLE & 60000 DUAL.			MODIFIED
LOUISIANA		NFDD 125 - 8	06/30/2022	
ELIZABETH				
WC FLD AIRPORT		(LS46)	07503.5A PRIVATE	
LATITUDE -	30-51-30.66 N	LONGITUDE -	092-48-44.46 W	
ARPT NAME	WC FIELD			REPLACED
ARPT NAME	WC FLD			NEW
MICHIGAN		NFDD 125 - 9	06/30/2022	
BAD AXE				
HURON COUNTY MEML AIRPORT		(BAX)	09532.A	
LATITUDE -	43-46-48.8 N	LONGITUDE -	082-59-07.5 W	
ARPT ATTEND SKED	ALL/ SAT-SUN/ UNATND			DELETED
ARPT ATTEND SKED	ALL/ MON-FRI/ 0830-1630			RECAP
FUEL	A			DELETED
FUEL	A+			ADDED
RMK	FUEL: A: FOR FULL SERVICE CALL 989-269-6511			DELETED
RMK	DEER & LRG BIRDS ON & INVOF ARPT.			MODIFIED
RMK	ADMIN BLDG ACES: PRESS V, THEN III & II SIMUL, THEN I.			MODIFIED
RMK	FOR APCH/DEP CTC CLEVELAND ARTCC AT 440-774-0224.			DELETED
RMK	FOR CD CTC CLEVELAND ARTCC AT 440-774-0224/0490.			MODIFIED
RWY ID	17/35			
RWY END	35			
CTLG OBSTN	TREES			DELETED
MICHIGAN		NFDD 125 - 10	06/30/2022	
SWARTZ CREEK				
ROTOR-LIFT HELIPORT		(45MI)	09831.905H PRIVATE	
LATITUDE -	42-52-12.81 N	LONGITUDE -	083-49-25.34 W	
ARPT ELEV	850 E			MODIFIED
ARPT ATTEND SKED	UNATNDD/ /			ADDED

CTAF	122.9	ADDED
RWY ID	H1	
LENGTH	90	RECAP
WIDTH	90	RECAP
SURFACE	CONC	MODIFIED
RWY END	H1	
ELEVATION	850	ADDED
RWY END ELEV DATE	04/10/2019	ADDED
RWY END ELEV SOURCE	FAA OE/AAA	ADDED
LATITUDE	42-52-12.81 N	ADDED
LONGITUDE	083-49-25.34 W	ADDED
RWY END PSN DATE	04/10/2019	ADDED
RWY END PSN SOURCE	FAA OE/AAA	ADDED

MINNESOTA	NFDD 125 - 11	06/30/2022	
FOSSTON			
FOSSTON MUNI/ANDERSON FLD AIRPORT	(FSE)	10696.A	
LATITUDE - 47-35-34.153 N	LONGITUDE -	095-46-24.596 W	
ARPT NAME	FOSSTON MUNI-ANDERSON FLD		REPLACED
ARPT NAME	FOSSTON MUNI/ANDERSON FLD		NEW
RMK APT LGT SKED: ACTVT OR INCR INTST REIL RWY 16 & 34; PAPI RWY 16 & 34; MIRL RWY 16/34 - CTAF. MIRL RWY 16/34 PRESET LOW INTST.			MODIFIED
RMK FUEL: 100LL: FUEL AVBL H24 SELF SVC VIA CREDIT CARD.			MODIFIED
RWY ID	16/34		
RWY END	16		
CTLG OBSTN	TREES		ADDED

MINNESOTA	NFDD 125 - 12	06/30/2022	
ROCHESTER			
ROCHESTER INTL AIRPORT	(RST)	10950.1A	
LATITUDE - 43-54-29.8 N	LONGITUDE -	092-30-00.1 W	
RMK FOR CD WHEN ATCT IS CLSD CTC FSS VIA RCO, IF UNA CTC MINNEAPOLIS ARTCC AT 651-463-5588.			MODIFIED

MISSISSIPPI	NFDD 125 - 13	06/30/2022	
LELAND			
EDWARDS 1 AIRPORT	(36MS)	11293.755A PRIVATE	
LATITUDE - 33-26-23.605 N	LONGITUDE -	090-50-04.315 W	
ARPT NAME	EDWARDS PRIVATE 1		REPLACED
ARPT NAME	EDWARDS 1		NEW

MISSISSIPPI	NFDD 125 - 14	06/30/2022	
LELAND			
EDWARDS 2 AIRPORT	(64MS)	11293.765A PRIVATE	
LATITUDE - 33-25-10.405 N	LONGITUDE -	090-47-58.555 W	
ARPT NAME	EDWARDS PRIVATE 2		REPLACED
ARPT NAME	EDWARDS 2		NEW

NEVADA	NFDD 125 - 15	06/30/2022	
MINDEN			
MINDEN-TAHOE AIRPORT	(MEV)	13091.A	
LATITUDE - 39-00-01.8 N	LONGITUDE -	119-45-04.0 W	
RWY ID	12/30		

RMK	PCN VALUE: PCR VALUE: 40/F/C/X/T	ADDED
RWY ID	16/34	
RMK	PCN VALUE: PCR VALUE: 10/F/C/X/T	ADDED

OHIO	NFDD 125 - 16	06/30/2022	
ZANESVILLE			
PARR AIRPORT	(421)	18762.A	
LATITUDE -	40-00-26.25 N	LONGITUDE -	082-00-48.525 W
INSPECTOR CODE	STATE INSPECTED		MODIFIED
RMK	ARPT ATTEND SKED: UNATNDD MAJOR HOLS.		MODIFIED
RMK	FUEL: 100LL: FULL SVC.		ADDED
RWY ID	10/28		
RWY END	10		
CTLG OBSTN	TREE		MODIFIED

TEXAS	NFDD 125 - 17	06/30/2022	
BIG SPRING			
EMERGENCY AIR LIFT PAD HELIPORT	(TE61)	23439.21H	PRIVATE
LATITUDE -	32-14-09.27 N	LONGITUDE -	101-29-25.81 W
ARPT ELEV	2574 E		ADDED
ARPT ELEV DATE	05/16/2022		ADDED
ARPT ELEV SOURCE	OWNER		ADDED
LATITUDE	32-14-09.27 N		ADDED
LONGITUDE	101-29-25.81 W		ADDED
ARPT PSN DATE	05/16/2022		ADDED
ARPT PSN SOURCE	OWNER		ADDED
ARPT NAME	EMERGENCY AIR LIFT PAD		ADDED
CITY	BIG SPRING		ADDED
DIST AND DRCTN	1 W		ADDED
ARPT ID	TE61		ADDED
ARPT SITE NO	23439.21H		ADDED
AIRPORT USE	PRIVATE		ADDED
ARPT STATUS	OPERATIONAL		ADDED
FSS ID	SJT*SAN ANGELO		ADDED
FSS TOLL FREE NUMBER	1-800-WX-BRIEF		ADDED
INSPECTOR CODE	NOT INSPECTED		ADDED
ARPT ATTEND SKED	UNATNDD/ /		ADDED
WIND INDICATOR	YES-L		ADDED
AIRSPACE DETERMINATION	NO OBJECTION		ADDED
MIN OPERATIONAL NETWORK	NO		ADDED
RWY ID	H1		
LENGTH	40		ADDED
LENGTH DATE	05/16/2022		ADDED
LENGTH SOURCE	OWNER		ADDED
WIDTH	40		ADDED
SURFACE	CONC - GOOD		ADDED
INTENS RWY LGTS	PERIMETER		ADDED
RWY END	H1		
RWY END	H1		ADDED
ELEVATION	2574		ADDED
RWY END ELEV DATE	05/16/2022		ADDED
RWY END ELEV SOURCE	OWNER		ADDED
LATITUDE	32-14-09.27 N		ADDED
LONGITUDE	101-29-25.81 W		ADDED

RWY END PSN DATE	05/16/2022	ADDED
RWY END PSN SOURCE	OWNER	ADDED
MKG TYPE - COND	BSC - GOOD	ADDED

WISCONSIN	NFDD 125 - 18	06/30/2022	
BLACK RIVER FALLS			
BLACK RIVER FALLS AREA AIRPORT	(BCK)	27049.1A	
LATITUDE - 44-15-02.659 N	LONGITUDE -	090-51-19.009 W	
RMK APT LGT SKED: MIRL RWY 08/26 PRESET TO LOW SS-SR; TO INCR INTST			MODIFIED
& ACTVT REIL RWYS 08 & 26; PAPI RWYS 08 & 26 - CTAF.			
RWY ID	08/26		
RWY END	26		
CTLG OBSTN	TREE		MODIFIED

WISCONSIN	NFDD 125 - 19	06/30/2022	
SPARTA			
SPARTA/FORT MC COY AIRPORT	(CMY)	27578.1A	
LATITUDE - 43-57-31.378 N	LONGITUDE -	090-44-16.229 W	
RMK APT LGT SKED: WHEN TWR CLSD, MIRL RWY 11/29 PRESET TO LOW			MODIFIED
SS-SR; TO INCR INTST MIRL RWY 11/29; ACTVT REIL RWY 11 & 29; MIRL			
RWY 01/19 - CTAF.			
RWY ID	01/19		
RWY END	01		
CTLG OBSTN	TREE		DELETED
RMK VGS: OPR CONSLY.			ADDED
RWY END	19		
CTLG OBSTN	TREES		DELETED
RMK VGS: OPR CONSLY.			ADDED
RWY ID	11/29		
RWY END	11		
RMK VGS: OPR CONSLY.			ADDED
RWY END	29		
RMK VGS: OPR CONSLY.			ADDED

AIRSPACE FIXES

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

EFFECTIVE 8/11/2022 OR AS NOTED THE FOLLOWING AIRSPACE FIXES
ARE ESTABLISHED MODIFIED OR CANCELLED AS INDICATED.

* * * ESTABLISHED * * *

MASSACHUSETTS	NFDD 125 - 1	06/30/2022	
YMATT			
LATITUDE	42-41-32.91 N	EFF: 09/08/2022	
LONGITUDE	071-02-59.38 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	

FIX TYPE	WAYPOINT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
ICAO REGION	K6	EFF: 09/08/2022	
NEW HAMPSHIRE BRYSL		NFDD 125 - 2	06/30/2022
LATITUDE	42-48-18.04 N	EFF: 09/08/2022	
LONGITUDE	071-14-43.14 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	
FIX TYPE	WAYPOINT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
ICAO REGION	K6	EFF: 09/08/2022	
NEW HAMPSHIRE CARED		NFDD 125 - 3	06/30/2022
LATITUDE	42-55-53.75 N	EFF: 09/08/2022	
LONGITUDE	071-11-18.28 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	
FIX TYPE	WAYPOINT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
ICAO REGION	K6	EFF: 09/08/2022	
NEW HAMPSHIRE MSAAD		NFDD 125 - 4	06/30/2022
LATITUDE	42-45-27.48 N	EFF: 09/08/2022	
LONGITUDE	071-12-36.54 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	
FIX TYPE	WAYPOINT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
ICAO REGION	K6	EFF: 09/08/2022	
NEW HAMPSHIRE ROUAN		NFDD 125 - 5	06/30/2022
LATITUDE	42-52-21.94 N	EFF: 09/08/2022	
LONGITUDE	071-16-42.17 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	
FIX TYPE	WAYPOINT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
ICAO REGION	K6	EFF: 09/08/2022	
* * * MODIFIED * * *			
MASSACHUSETTS CFDWP		NFDD 125 - 6	06/30/2022
LATITUDE	42-42-55.31 N	EFF: 09/08/2022	
LONGITUDE	071-07-06.82 W	EFF: 09/08/2022	
ARTCC	ZBW	EFF: 09/08/2022	
FIX TYPE	CNF	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	DELETED
CHARTING	NOT REQUIRED	EFF: 09/08/2022	ADDED
ICAO REGION	K6	EFF: 09/08/2022	

NORTH CAROLINA EVING		NFDD 125 - 7	06/30/2022	
LATITUDE	36-05-21.65 N			
LONGITUDE	079-53-56.38 W			
ARTCC	ZTL			
FIX TYPE	WAYPOINT			
CHARTING	CONTROLLER		EFF: 09/08/2022	DELETED
CHARTING	CONTROLLER HIGH		EFF: 09/08/2022	ADDED
CHARTING	ENROUTE HIGH			
ICAO REGION	K7			

NORTH CAROLINA LAANA		NFDD 125 - 8	06/30/2022	
LATITUDE	34-19-41.35 N			
LONGITUDE	078-35-37.16 W			
ARTCC	ZJX			
FIX TYPE	WAYPOINT			
CHARTING	CONTROLLER LOW		EFF: 09/08/2022	ADDED
CHARTING	ENROUTE HIGH			
CHARTING	CONTROLLER HIGH			
ICAO REGION	K7			

NORTH CAROLINA MRPIT		NFDD 125 - 9	06/30/2022	
LATITUDE	34-26-05.09 N			
LONGITUDE	079-01-45.10 W			
ARTCC	ZJX			
FIX TYPE	WAYPOINT			
CHARTING	CONTROLLER LOW		EFF: 09/08/2022	ADDED
CHARTING	STAR			
CHARTING	CONTROLLER HIGH			
CHARTING	ENROUTE HIGH			
ICAO REGION	K7			

NORTH CAROLINA PEETT		NFDD 125 - 10	06/30/2022	
LATITUDE	36-26-44.93 N			
LONGITUDE	078-34-16.17 W			
ARTCC	ZDC			
FIX TYPE	WAYPOINT			
CHARTING	CONTROLLER LOW		EFF: 09/08/2022	ADDED
CHARTING	CONTROLLER HIGH			
CHARTING	ENROUTE HIGH			
ICAO REGION	K7			

NORTH CAROLINA POLYY		NFDD 125 - 11	06/30/2022	
LATITUDE	34-48-37.54 N			
LONGITUDE	079-59-55.81 W			
ARTCC	ZJX			
FIX TYPE	WAYPOINT			
CHARTING	CONTROLLER LOW		EFF: 09/08/2022	ADDED

CHARTING	ENROUTE HIGH		
CHARTING	CONTROLLER HIGH		
ICAO REGION	K7		
SOUTH CAROLINA		NFDD 125 - 12	06/30/2022
BURGG			
LATITUDE	35-02-00.55 N		
LONGITUDE	081-55-36.86 W		
ARTCC	ZTL		
FIX TYPE	WAYPOINT		
CHARTING	CONTROLLER HIGH	EFF: 09/08/2022	ADDED
CHARTING	ENROUTE HIGH	EFF: 09/08/2022	ADDED
CHARTING	SID		
CHARTING	CONTROLLER LOW		
CHARTING	ENROUTE LOW		
CHARTING	SECTIONAL		
ICAO REGION	K7		
VIRGINIA		NFDD 125 - 13	06/30/2022
DNKEY			
LATITUDE	38-38-45.05 N		
LONGITUDE	077-47-58.01 W		
ARTCC	ZDC		
FIX TYPE	WAYPOINT		
CHARTING	CONTROLLER LOW	EFF: 09/08/2022	ADDED
CHARTING	ENROUTE LOW	EFF: 09/08/2022	ADDED
CHARTING	STAR		
ICAO REGION	K6		
* * * CANCELLED * * *			
ALABAMA		NFDD 125 - 14	06/30/2022
FLOSY			
NAV-FAC-AZIMUTH/DSTC	LDK*VORTAC*/15.00	EFF: 09/08/2022	
ILS-FAC-CRS/DSTC	TCL*LS*SW CRS	EFF: 09/08/2022	
LATITUDE	33-05-01.27 N	EFF: 09/08/2022	
LONGITUDE	087-44-59.07 W	EFF: 09/08/2022	
ARTCC	ZTL	EFF: 09/08/2022	
FIX TYPE	REP-PT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	
CHARTING INFO	RNAV	EFF: 09/08/2022	
ICAO REGION	K7	EFF: 09/08/2022	
NORTH CAROLINA		NFDD 125 - 15	06/30/2022
DEXTO			
NAV-FAC-AZIMUTH/DSTC	ISO*VORTAC*254.76/20.00	EFF: 09/08/2022	
LATITUDE	35-15-17.47 N	EFF: 09/08/2022	
LONGITUDE	077-56-24.79 W	EFF: 09/08/2022	
ARTCC	ZDC	EFF: 09/08/2022	
FIX TYPE	REP-PT	EFF: 09/08/2022	
CHARTING	IAP	EFF: 09/08/2022	

HOLDING PATTERNS

EFFECTIVE 8/11/2022 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 * * *

NORTH CAROLINA		NFDD 125 - 1	06/30/2022
DADDS WP*NC*K7	PATTERN - 2		
HOLD-DIR	SW		EFF: 09/08/2022
DEGREES	219		EFF: 09/08/2022
AZIMUTH	RNAV		EFF: 09/08/2022
CRS-INB	039		EFF: 09/08/2022
TURN-DIR	L		EFF: 09/08/2022
LEG LENGTH OUTBOUND	12 NM		EFF: 09/08/2022
CHARTING	ENROUTE HIGH		EFF: 09/08/2022

NORTH CAROLINA		NFDD 125 - 2	06/30/2022
MARCL WP*NC*K7	PATTERN - 2		
HOLD-DIR	SW		EFF: 09/08/2022
DEGREES	216		EFF: 09/08/2022
AZIMUTH	RNAV		EFF: 09/08/2022
CRS-INB	036		EFF: 09/08/2022
TURN-DIR	R		EFF: 09/08/2022
LEG LENGTH OUTBOUND	12 NM		EFF: 09/08/2022
CHARTING	ENROUTE HIGH		EFF: 09/08/2022

* * * MODIFIED * * *

NORTH CAROLINA		NFDD 125 - 3	06/30/2022
DADDS WP*NC*K7	PATTERN - 1		
HOLD-DIR	W		
DEGREES	255		
AZIMUTH	RNAV		
CRS-INB	075		
TURN-DIR	L		
LEG LENGTH OUTBOUND	12 NM	EFF: 09/08/2022	MODIFIED
LEG LENGTH OUTBOUND	10 NM		
CHARTING	ENROUTE HIGH		

* * * CANCELLED * * *

NORTH CAROLINA

NFDD 125 - 4

06/30/2022

DEXTO INT*NC*K7

PATTERN - 1

DEFINING RESOURCE

ISO*VORTAC

HOLD-DIR

E

EFF: 09/08/2022

DEGREES

255

EFF: 09/08/2022

AZIMUTH

RAD

EFF: 09/08/2022

CRS-INB

255

EFF: 09/08/2022

TURN-DIR

R

EFF: 09/08/2022

CHARTING

IAP

EFF: 09/08/2022

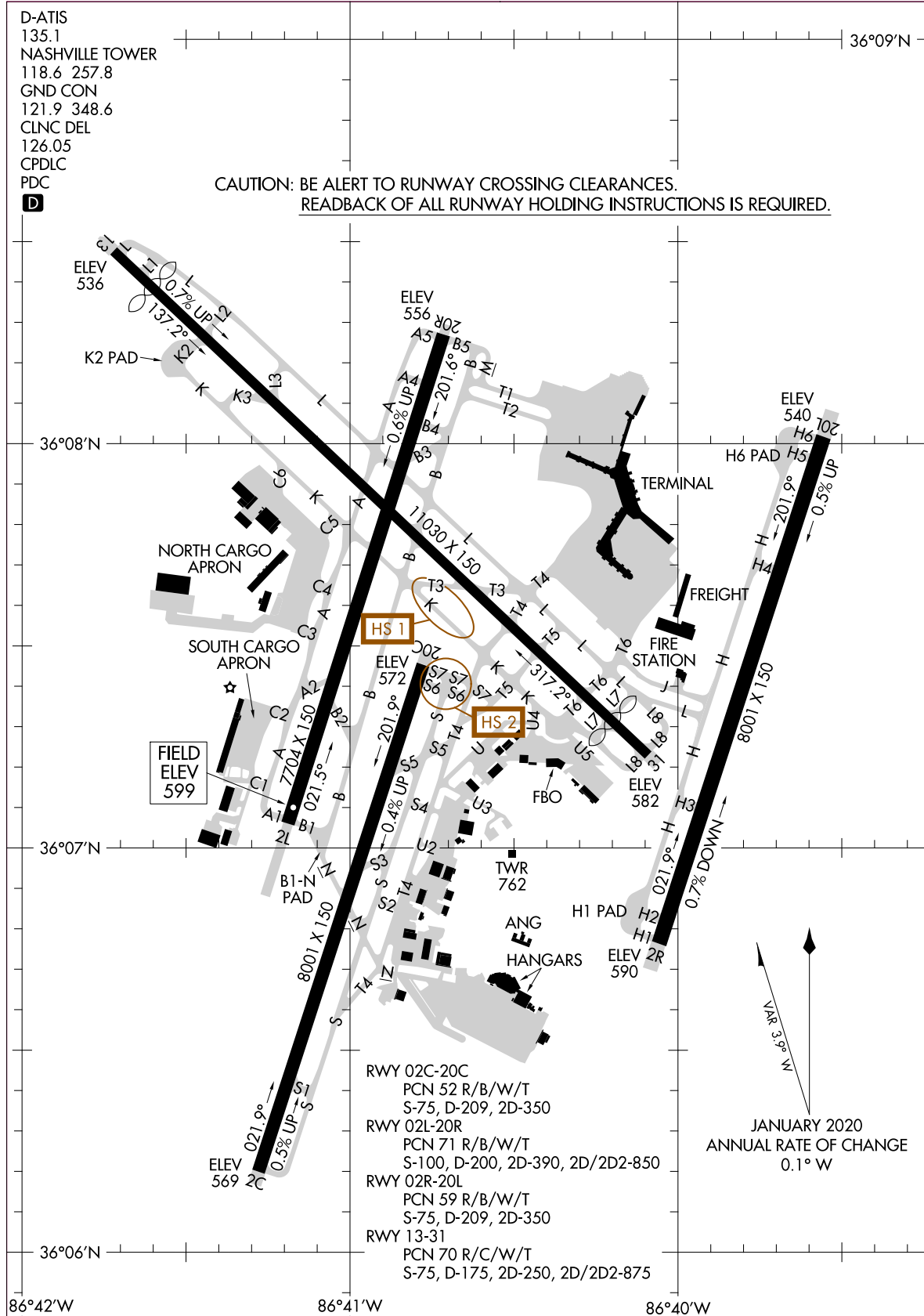
GRAPHIC REVISION: NASHVILLE INTL, TN (BNA)
 REMOVE TWY J BTN TWYS T4 & T5
 REMOVE TWY T5 BTN TWY L AND THE APRON

22251

AIRPORT DIAGRAM

AL-282 (FAA)

NASHVILLE INTL (BNA)
 NASHVILLE, TENNESSEE



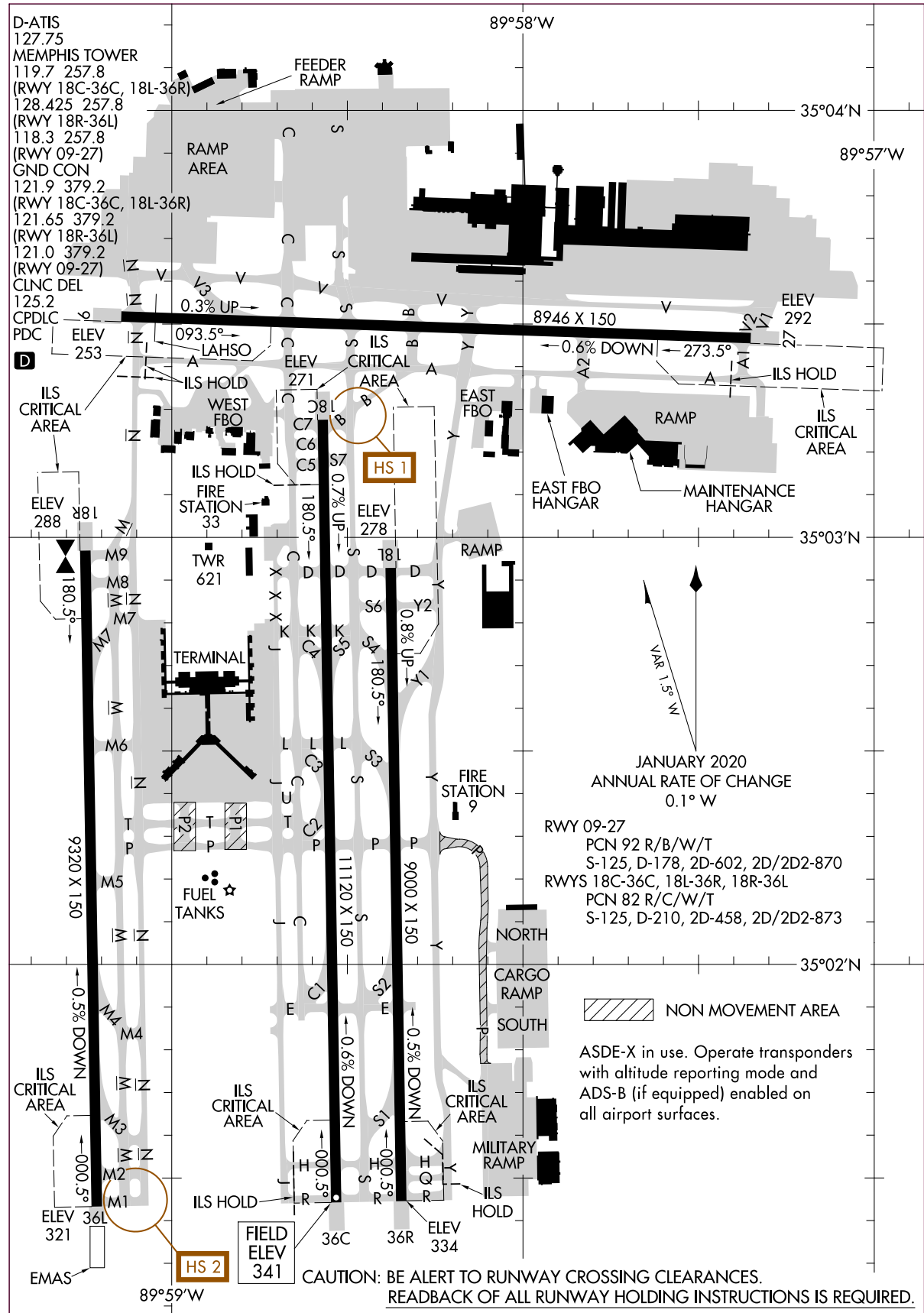
GRAPHIC REVISION: MEMPHIS INTL, TN (MEM)
RELABEL TWYS C4 - C8 AS C3 - C7

22251

AIRPORT DIAGRAM

AL-253 (FAA)

MEMPHIS INTL (MEM)
MEMPHIS, TENNESSEE



AIRPORT DIAGRAM

MEMPHIS, TENNESSEE
MEMPHIS INTL (MEM)

22251

GRAPHIC REVISION: THE EASTERN IOWA, IA (CID)

Effective Date
08 SEP 2022

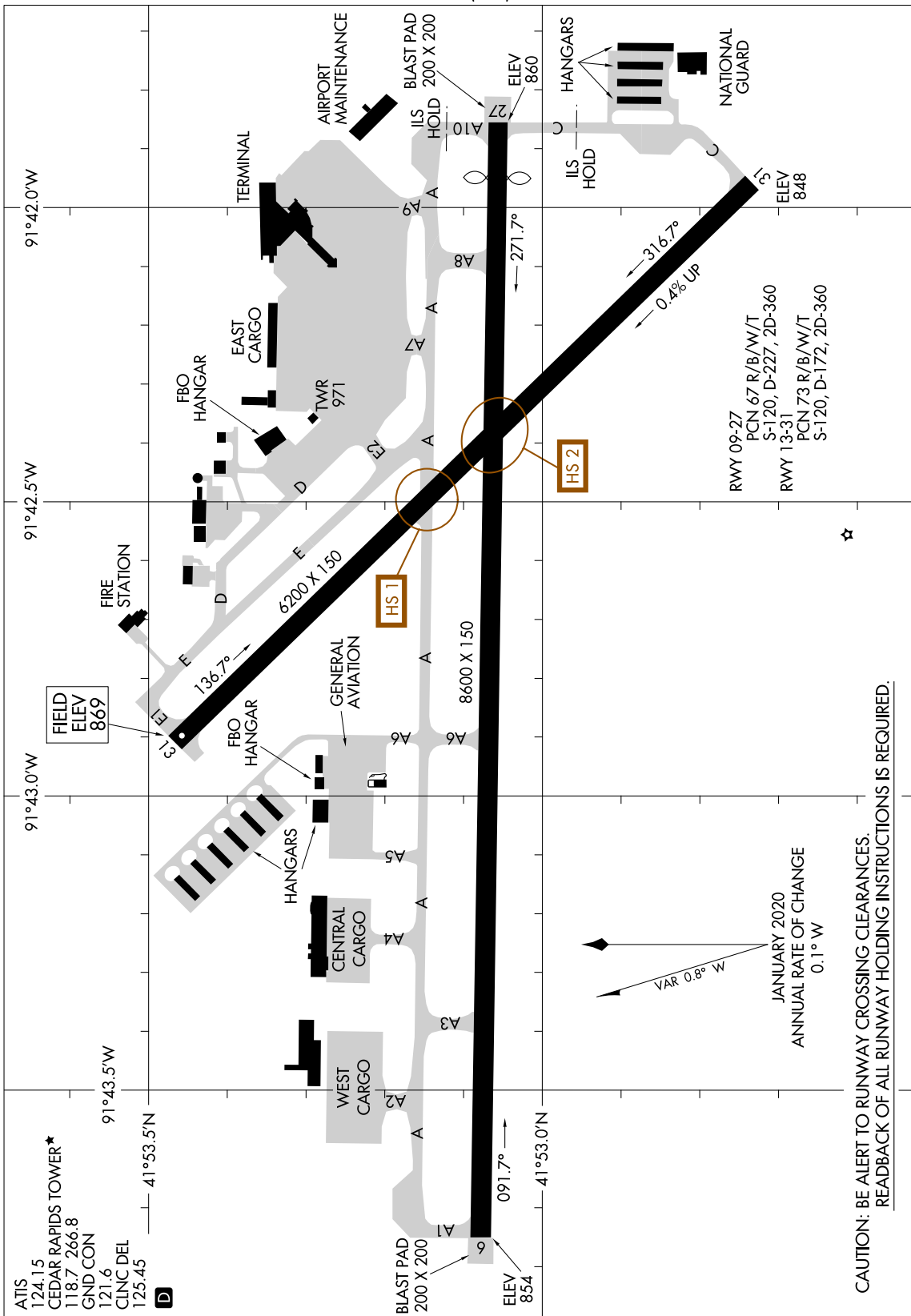
REVISE APRON BTN TWY A5 AND A6

22251

AIRPORT DIAGRAM

THE EASTERN IOWA (CID)
CEDAR RAPIDS, IOWA

AL-250 (FAA)



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

AIRPORT DIAGRAM

CEDAR RAPIDS, IOWA
THE EASTERN IOWA (CID)

22251

GRAPHIC REVISION: DULUTH INTL, MN (DLH)

Effective Date
01 AUG 2022

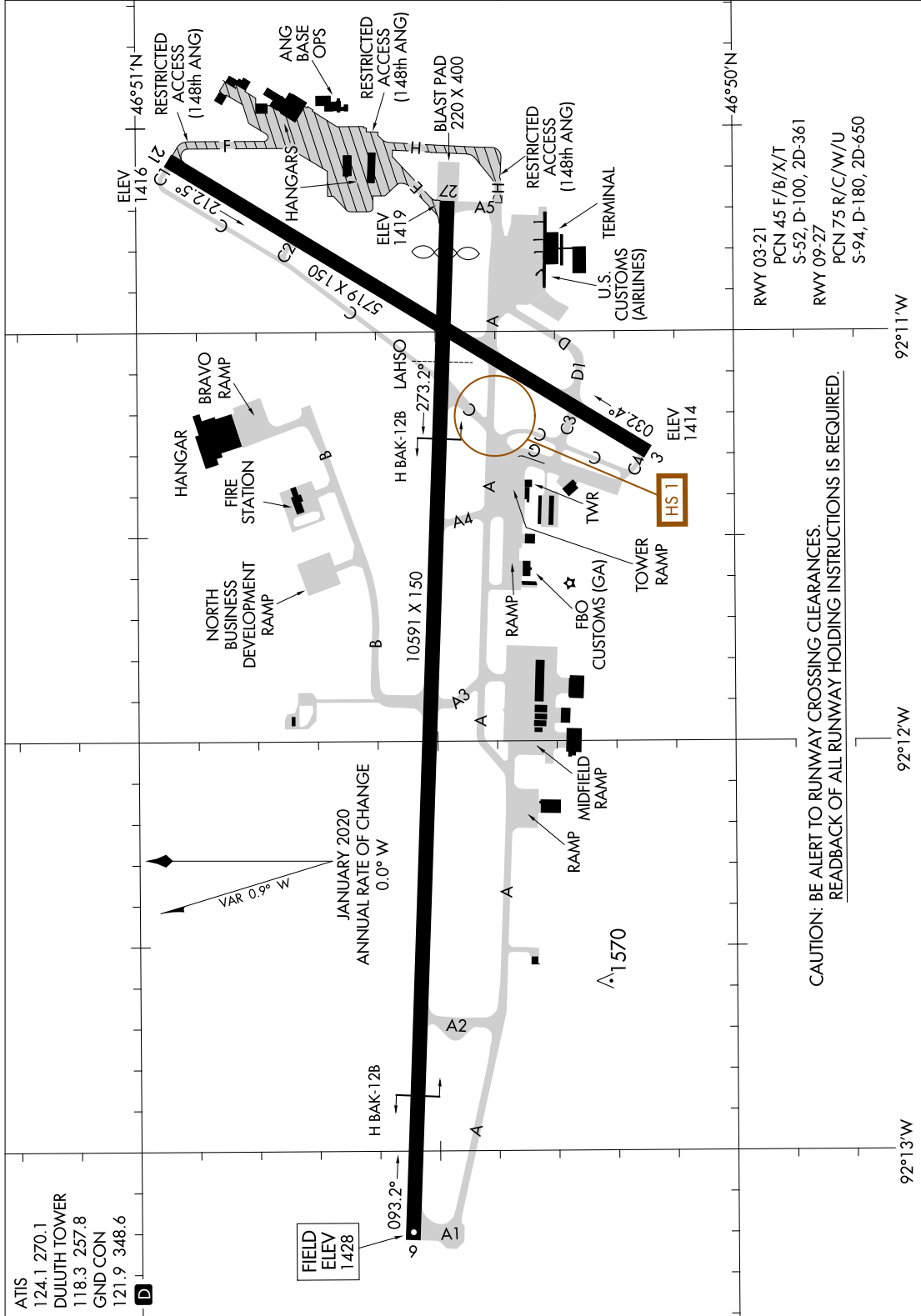
RELABEL TWY C1 AS C2
RELABEL TWY D WEST OF RWY 03-21 AS C3
LABEL TWYS C1, C4, AND D1

22251

AIRPORT DIAGRAM

AL-125 (FAA)

DULUTH INTL (DLH)
DULUTH, MINNESOTA



AIRPORT DIAGRAM

DULUTH, MINNESOTA
DULUTH INTL (DLH)

22251

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ACORI	ACORI.FROGZ3	ACORI	ACORI						
			BULZI	136.92	124.30	FL180	2600		
			SNAPY	155.02	38.62	FL180	2600		
			NICKI	155.21	38.49	FL180	2600		
			BROMO	160.97	81.48	FL180	2600		
			SCURF	175.04	29.13	FL180	2100		
			PLOWS	170.29	38.10	FL180	2100	AT/ABOVE FL340	
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100	BETWEEN FL210 AND FL280	
			BARBN	120.68	22.95	12000	2100	AT/ABOVE 15000	
			JAMAS	120.72	16.61	9000	1300	AT/ABOVE 11000	
			FROGZ	120.84	05.00	9000	1300		
BROMO	BROMO.FROGZ3	BROMO	BROMO						
			SCURF	175.04	29.13	FL180	2100		
			PLOWS	170.29	38.10	FL180	2100	AT/ABOVE FL340	
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100	BETWEEN FL210 AND FL280	
			BARBN	120.68	22.95	12000	2100	AT/ABOVE 15000	
			JAMAS	120.72	16.61	9000	1300	AT/ABOVE 11000	
			FROGZ	120.84	05.00	9000	1300		
DEFUN	DEFUN.FROGZ3	DEFUN	DEFUN						
			CABLO	096.70	66.78	FL180	2600		
			BULZI	126.06	46.28	FL180	2600		
			SNAPY	155.02	38.62	FL180	2600		
			NICKI	155.21	38.49	FL180	2600		
			BROMO	160.97	81.48	FL180	2600		
			SCURF	175.04	29.13	FL180	2100		



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number			STAR Computer Code	Superseded Number			Dated	Effective Date
FROGZ (RNAV)	THREE			FROGZ.FROGZ3	TWO			05/19/2022	8 Sep 2022
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			PLOWS	170.29	38.10	FL180	2100		AT/ABOVE FL340
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1300		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1300		
GAWKS	GAWKS.FROGZ3	GAWKS	GAWKS						
			BAGGS	107.03	13.50	FL180	2100		
			PLOWS	126.47	25.05	FL180	2100		AT/ABOVE FL340
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1300		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1300		
HONID	HONID.FROGZ3	HONID	HONID						
			IPOKE	172.75	49.21	FL180	2600		
			BULZI	172.85	28.80	FL180	2600		
			SNAPY	155.02	38.62	FL180	2600		
			NICKI	155.21	38.49	FL180	2600		
			BROMO	160.97	81.48	FL180	2600		
			SCURF	175.04	29.13	FL180	2100		
			PLOWS	170.29	38.10	FL180	2100		AT/ABOVE FL340
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1300		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1300		
MARCI	MARCI.FROGZ3	MARCI	MARCI						AT/ABOVE 15000



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date				
FROGZ (RNAV)	THREE	FROGZ.FROGZ3	TWO	05/19/2022	8 Sep 2022				
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			FROGZ	092.96	40.44	9000	1400		
SABEE	SABEE.FROGZ3	SABEE	SABEE						AT/BELOW FL250
			EXACT	175.14	20.01	FL180	2100		
			MATNY	173.12	13.94	FL180	2100		
			KLEET	142.78	23.66	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1300		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1300		
SCURF	SCURF.FROGZ3	SCURF	SCURF						
			PLOWS	170.29	38.10	FL180	2100		AT/ABOVE FL340
			MATNY	144.24	30.36	FL180	2100		
			KLEET	142.78	23.66	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1300		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1300		

ARRIVAL ROUTE DESCRIPTION:

LANDING KMIA RWY 12, 8L/R, 9: FROM FROGZ ON TRACK 117.94/3.20 TO CROSS ARRTT BETWEEN 9000 AND 11000 AND AT 250 KIAS, THEN ON TRACK 117.97/2.92 TO CROSS ASPPN AT OR BELOW 10000, THEN ON TRACK 117.99/4.65 TO CROSS PBJAY AT OR ABOVE 8000, THEN ON TRACK 118.03/4.32 TO SCHAR, THEN ON TRACK 118.06/6.69 TO ACERE, THEN ON TRACK 092.06/5.30 TO CROSS LLEGG AT 4000. EXPECT ILS OR RNAV RWY 9 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMIA RWY 26L/R, 27, 30: FROM FROGZ ON TRACK 115.73/7.06 TO CROSS ENOLE BETWEEN 14000 AND 16000, THEN ON TRACK 115.97/4.00 TO HAKUL, THEN ON TRACK 091.21/4.01 TO CROSS VEYGA AT OR ABOVE 13000 AND AT 250 KIAS, THEN ON TRACK 091.17/6.35 TO CROSS SOFAS AT OR ABOVE 11000, THEN ON TRACK 091.42/2.47 TO HOLEZ, THEN ON TRACK 123.20/2.87 TO CROSS COTOL AT OR BELOW 11000, THEN ON TRACK 123.18/11.65 TO CROSS MACYS AT OR ABOVE 8000, THEN ON TRACK 124.02/5.35 TO REELN, THEN ON TRACK 124.06/10.65 TO CROSS WNNER AT 5000, THEN ON TRACK 124.06. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING 07FA/X51/KHST/KTMB: FROM FROGZ ON TRACK 130.41/8.05 TO CROSS HATUG AT 9000, THEN ON HEADING 140.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KOPF: FROM FROGZ ON TRACK 088.95/5.67 TO CROSS DRIER AT 9000, THEN ON HEADING 085.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: EXPECT "DESCEND VIA" CLEARANCE AND LANDING DIRECTION (EAST OR WEST) BY ARTCC. FOR VERTICAL NAVIGATION PLANNING, LANDING EAST, SELECT RWY 9, LANDING WEST, SELECT RWY 30.



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
FROGZ (RNAV)	THREE	FROGZ.FROGZ3	TWO	05/19/2022	8 Sep 2022

NOTE: MIA APPROACH WILL ISSUE LANDING RUNWAY.

NOTE: DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY THE STAR OR ASSIGNED BY ATC.

NOTE: BROMO, SCURF ATC ASSIGNED ONLY.

NOTE: SABEE TRANSITION FOR TRAFFIC DEPARTING KTPA AREA ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BARBN: HOLD NW, RT, 120.67 INBOUND, 10 NM LEGS.

CHART HOLDING AT BROMO: HOLD N, RT, 160.97 INBOUND, 10 NM LEGS.

CHART HOLDING AT KLEET: HOLD NW, RT, 142.78 INBOUND, 10 NM LEGS.

CHART HOLDING AT MARCI: HOLD W, LT, 100.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT FROGZ: HOLD NW, RT, 120.72 INBOUND, 10 NM LEGS.

CHART HOLDING AT GAWKS: HOLD W, LT, 107.03 INBOUND, 15 NM LEGS.

CHART HOLDING AT MATNY: HOLD NW, RT, 146.95 INBOUND, 10 NM LEGS.

CHART HOLDING AT SCURF: HOLD N, RT, 175.04 INBOUND, 10 NM LEGS.

CHART IBISS, GRITT, HENDN, RHODZ.

COMMUNICATIONS:

CHART: MIAMI APP CON

CHART: MIAMI HOMESTEAD GENERAL AVIATION AWOS

AIRPORTS SERVED:

MIAMI INTL, MIAMI, FL (KMIA)

HOMESTEAD ARB, HOMESTEAD, FL (KHST)

MIAMI EXECUTIVE, MIAMI, FL (KTMB)

MIAMI HOMESTEAD GENERAL AVIATION, HOMESTEAD, FL (X51)

MIAMI-OPA LOCKA EXECUTIVE, MIAMI, FL (KOPF)

OCEAN REEF CLUB, KEY LARGO, FL (07FA)

LOST COMMUNICATIONS PROCEDURE:

KMIA LANDING EAST: CONTINUE TO LLEGG, THEN DIRECT GRITT, INTERCEPT THE RUNWAY 9 FINAL APPROACH COURSE, CONDUCT APPROACH.

KMIA LANDING WEST: CONTINUE TO WNNER, THEN DIRECT IBISS, THEN DIRECT HENDN INTERCEPT RWY 27 FINAL APPROACH COURSE, CONDUCT APPROACH.

REMARKS:

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

MEAS AT OR ABOVE FL180 FOR COMM AND DME/DME/IRU SOLUTIONS.

OBSTACLES OVER WATER ASSUMED AS 295 FT SHIPS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KMIA 05W/2000



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
FROGZ (RNAV)	THREE	FROGZ.FROGZ3	TWO	05/19/2022	8 Sep 2022
CHART AT LLEGG TERMINUS: LDG KMIA RWY 12, 8L/R, 9					
CHART AT WNNER TERMINUS: LDG KMIA RWY 26L/R, 27, 30					
CHART AT HATUG TERMINUS: LDG 07FA/X51/KHST/KTMB					
CHART AT DRIER TERMINUS: LDG KOPF					

<u>FLIGHT INSPECTED BY:</u>				<i>Digitally signed by</i>	
	JEFFREY ECKMAN	FPO	06/09/2022	DONALD E SMITH	
	Name	Organization	Date	Jun 16, 2022	Signature
<u>DEVELOPED BY:</u>				<i>Digitally signed by</i>	
	VICKI TURNER	DESIGN IMPLEMETATION MANAGER	AJV-E22	02/10/2022	DONALD E SMITH
	Name	Organization		Date	Jun 16, 2022
<u>APPROVED BY:</u>				<i>Digitally signed by</i>	
	CASIMIR TABAKA	AJV-A410			DONALD E SMITH
	Name	Organization		Date	Jun 16, 2022

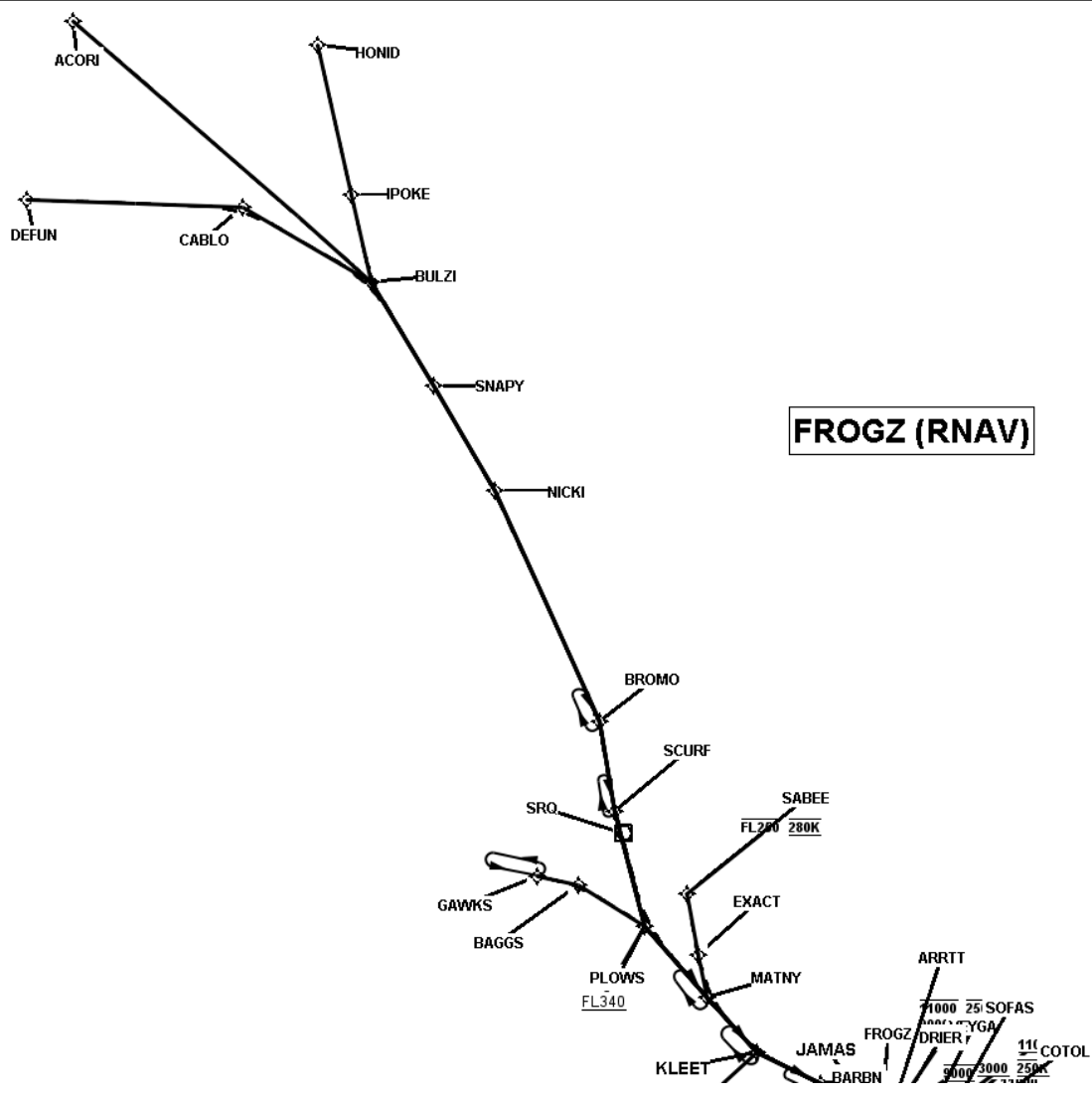
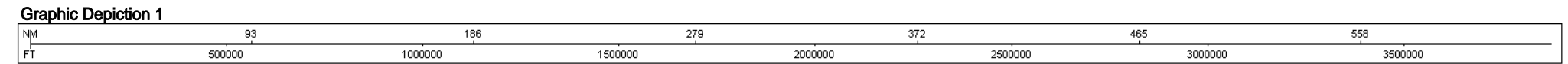
- CHANGES:
1. ADDED: NEW WAYPOINT JAMAS WITH CONSTRAINTS (CROSS JAMAS AT or ABOVE 11000/280 KIAS).
 2. REMOVED WAYPOINT CITAG AND ADDED WP KLEET WITH HOLDING AND CONSTRAINTS (CROSS KLEET BETWEEN FL210BFL280, AT 280 KIAS).
- REASONS:
1. ATC REQUEST. PROVIDES MORE EFFICIENT and PREDICTABLE FLOW.
 2. RESOLVE AUTOMATION ISSUE.



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

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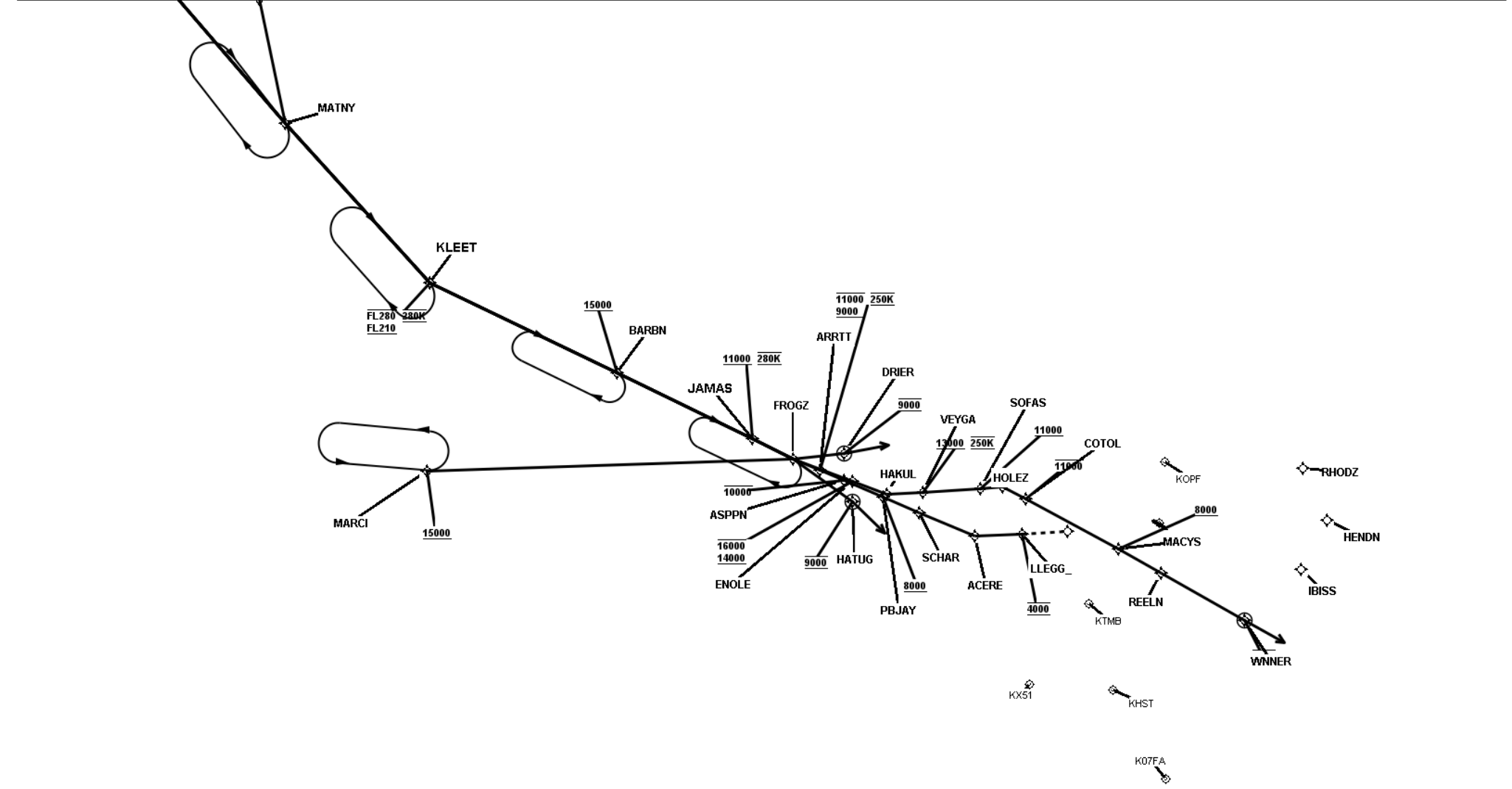
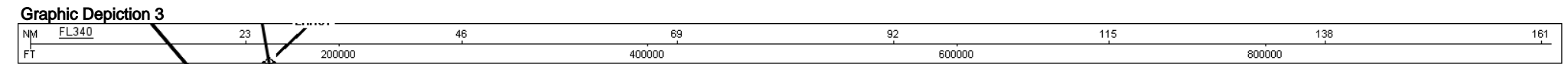
Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
FROGZ (RNAV)	THREE	FROGZ.FROGZ3	TWO	05/19/2022	8 Sep 2022



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
ACORI	314623.36N / 0855129.51W	Y		IF					ACORI.FROGZ3
BULZI	302224.93N / 0840434.47W	Y	FB	TF	131.92	124.30			
SNAPY	294851.17N / 0834223.61W	Y	FB	TF	150.02	38.62			
NICKI	291520.19N / 0832031.80W	Y	FB	TF	150.21	38.49			
BROMO	280038.28N / 0824302.49W	Y	FB	TF	155.97	81.48			
SCURF	273152.17N / 0823722.51W	Y	FB	TF	170.04	29.13			
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	165.29	38.10	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition									
BROMO	280038.28N / 0824302.49W	Y		IF					BROMO.FROGZ3
SCURF	273152.17N / 0823722.51W	Y	FB	TF	170.04	29.13			
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	165.29	38.10	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition									
DEFUN	304851.27N / 0860753.09W	Y		IF					DEFUN.FROGZ3
CABLO	304629.00N / 0845024.00W	Y	FB	TF	091.70	66.78			
BULZI	302224.93N / 0840434.47W	Y	FB	TF	121.06	46.28			
SNAPY	294851.17N / 0834223.61W	Y	FB	TF	150.02	38.62			
NICKI	291520.19N / 0832031.80W	Y	FB	TF	150.21	38.49			



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BROMO	280038.28N / 0824302.49W	Y	FB	TF	155.97	81.48			
SCURF	273152.17N / 0823722.51W	Y	FB	TF	170.04	29.13			
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	165.29	38.10	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition									
GAWKS	271053.38N / 0830515.17W	Y		IF					GAWKS.FROGZ3
BAGGS	270803.28N / 0825027.20W	Y	FB	TF	102.03	13.50			
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	121.47	25.05	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition									
HONID	313850.31N / 0842342.60W	Y		IF					HONID.FROGZ3
IPOKE	305038.05N / 0841134.84W	Y	FB	TF	167.75	49.21			
BULZI	302224.93N / 0840434.47W	Y	FB	TF	167.85	28.80			
SNAPY	294851.17N / 0834223.61W	Y	FB	TF	150.02	38.62			
NICKI	291520.19N / 0832031.80W	Y	FB	TF	150.21	38.49			
BROMO	280038.28N / 0824302.49W	Y	FB	TF	155.97	81.48			
SCURF	273152.17N / 0823722.51W	Y	FB	TF	170.04	29.13			
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	165.29	38.10	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition

MARCI	255327.84N / 0814702.37W	Y		IF			AT/ABOVE 15000		MARCI.FROGZ3
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	087.96	40.44			

En Route Transition

SABEE	270516.20N / 0821129.33W	Y		IF			AT/BELOW FL250	AT 280K	SABEE.FROGZ3
EXACT	264529.90N / 0820739.62W	Y	FB	TF	170.14	20.01			
MATNY	263149.04N / 0820427.61W	Y	FB	TF	168.12	13.94			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			

En Route Transition

SCURF	273152.17N / 0823722.51W	Y		IF					SCURF.FROGZ3
PLOWS	265454.45N / 0822633.32W	Y	FB	TF	165.29	38.10	AT/ABOVE FL340		
MATNY	263149.04N / 0820427.61W	Y	FB	TF	139.24	30.36			
KLEET	261413.77N / 0814646.79W	Y	FB	TF	137.78	23.66	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.68	22.95	AT/ABOVE 15000		
JAMAS	255658.69N / 0810712.65W	Y	FB	TF	115.72	16.61	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.84	05.00			



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number THREE	STAR Computer Code FROGZ.FROGZ3	Superseded Number TWO	Dated 05/19/2022	Effective Date 8 Sep 2022
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
FROGZ	255447.44N / 0810213.20W	Y		IF					FROGZ.FROGZ3
HATUG	255006.59N / 0805457.02W	Y	FO	TF	125.41	08.05	AT 9000		
07FA,KHST,KTMB, X51				VM	135.00				
Common Route									
FROGZ	255447.44N / 0810213.20W	Y		IF					FROGZ.FROGZ3
DRIER	255523.24N / 0805558.17W	Y	FO	TF	083.95	05.67	AT 9000		
KOPF				VM	080.00				
Runway Transition									
FROGZ	255447.44N / 0810213.20W	Y		IF					
ARRTT	255332.27N / 0805856.99W	Y	FB	TF	112.94	03.20	9000B11000	AT 250K	
ASPPN	255223.77N / 0805558.42W	Y	FB	TF	112.97	02.92	AT/BELOW 10000		
PBJAY	255034.47N / 0805113.93W	Y	FB	TF	112.99	04.65	AT/ABOVE 8000		
SCHAR	254852.70N / 0804649.54W	Y	FB	TF	113.03	04.32			
ACERE	254614.84N / 0804000.36W	Y	FB	TF	113.06	06.69			
LLEGG	254631.10N / 0803408.58W	Y	FB	TF	087.06	05.30	AT 4000		
KMIA:RWY 8L,RWY 8R,RWY 9,RWY 12									
Runway Transition									
FROGZ	255447.44N / 0810213.20W	Y		IF					
ENOLE	255216.91N / 0805454.03W	Y	FB	TF	110.73	07.06	14000B16000		
HAKUL	255050.65N / 0805045.44W	Y	FB	TF	110.97	04.00			
VEYGA	255106.53N / 0804619.20W	Y	FB	TF	086.21	04.01	AT/ABOVE 13000	AT 250K	
SOFAS	255131.86N / 0803917.68W	Y	FB	TF	086.17	06.35	AT/ABOVE 11000		
HOLEZ	255141.12N / 0803633.69W	Y	FB	TF	086.42	02.47			
COTOL	255019.36N / 0803345.28W	Y	FB	TF	118.20	02.87	AT/BELOW 11000		

FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MACYS	254447.73N / 0802222.80W	Y	FB	TF	118.18	11.65	AT/ABOVE 8000		
REELN	254211.36N / 0801711.85W	Y	FB	TF	119.02	05.35			
WNNER	253659.80N / 0800654.06W	Y	FO	TF	119.06	10.65	AT 5000		
KMIA:RWY 26L,RWY 26R,RWY 27,RWY 30				FM	119.06				

