

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Arrival Name SNDBR (RNAV)	Number ONE	STAR Computer Code SNDBR.SNDBR1	Superseded Number NONE	Dated	Effective Date <i>12 AUG 2021</i>				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CANOA	CANOA.SNDBR1	CANOA	CANOA						
			JABOX	080.74	41.02	FL200			
			SLIPT	069.47	40.10	FL200			
			CONCK	055.48	22.54	FL200			BETWEEN FL250 AND FL300
			PAMPR	055.61	16.07	16000	1400		AT/ABOVE FL210
			SNDBR	029.19	34.30	6000	1400		
IKBIX	IKBIX.SNDBR1	IKBIX	IKBIX						
			PEAKY	012.51	35.59	FL200			
			PAMPR	010.59	16.50	16000	1400		AT/ABOVE FL210
			SNDBR	029.19	34.30	6000	1400		
MAXIM	MAXIM.SNDBR1	MAXIM	MAXIM						
			JABOX	051.66	14.59	FL200			
			SLIPT	069.47	40.10	FL200			
			CONCK	055.48	22.54	FL200			BETWEEN FL250 AND FL300
			PAMPR	055.61	16.07	16000	1400		AT/ABOVE FL210
			SNDBR	029.19	34.30	6000	1400		
PAMPR	PAMPR.SNDBR1	PAMPR	PAMPR						AT/ABOVE FL210
			SNDBR	029.19	34.30	6000	1400		
TUBEE	TUBEE.SNDBR1	TUBEE	TUBEE						
			SNDBR	053.19	17.75	6000	1300		

ARRIVAL ROUTE DESCRIPTION:

LANDING KMIA RWY 12, 8L/R, 9: FROM SNDBR ON TRACK 027.75/3.98 TO CROSS HASLM BETWEEN 11000 AND 13000 AND AT 250 KIAS, THEN ON TRACK 023.89/12.50 TO MOREA, THEN ON TRACK 061.90/7.08 TO CROSS EEELS AT 6000. EXPECT ILS OR LOC RWY 8R, RWY 9, RWY 12 APPROACH.

LANDING KMIA RWY 26L/R, 27, 30: FROM SNDBR ON TRACK 044.79/4.00 TO CROSS ROYGO BETWEEN 13000 AND 16000, THEN ON TRACK 046.62/16.02 TO CROSS FEEFA AT OR BELOW 12000, THEN ON TRACK 046.71/4.83 TO HILDI, THEN ON TRACK 094.01/7.72 TO CROSS JJUMP AT OR ABOVE 8000, THEN ON TRACK 094.06/6.97 TO REELN, THEN ON TRACK 124.06/10.65 TO CROSS WNNER AT 5000 AND AT 210 KIAS, THEN ON TRACK 124.06. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING 07FA/X51/KHST/KTMB: FROM SNDBR ON TRACK 025.19/11.72 TO CROSS CJAAY AT 6000, THEN ON TRACK 025.19. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

This is a corrected copy of the procedure published in NFDD 119. *See page 3 for details. **



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
SNDBR (RNAV)	ONE	SNDBR.SNDBR1	NONE		12 AUG 2021

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS
CANOA TRANSITION, RNP 1 - GPS
MAXIM TRANSITION, RNP 1 - GPS
IKBIX TRANSITIONS, RNP 1 - GPS

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: Expect "descend via" clearance and landing direction (east or west) by ARTCC. For vertical navigation planning, MIA landing east, select Rwy 9, MIA landing west, select Rwy 30.
NOTE: MIA approach will issue landing runway.
NOTE: Descend via MACH number until 280K. Maintain 280K until slowed by the STAR or assigned by ATC.
NOTE: PAMPR TRANSITION, ATC assigned only.
NOTE: TUBEE TRANSITION ATC assigned At or Above FL240 only.
NOTE: Landing all satellite airports: Expect RADAR Vectors after CJAAAY.
NOTE: MIA landing east: Expect RADAR Vectors prior to EEELS.
NOTE: MIA landing west: Expect RADAR Vectors after WNNER.
NOTE: JET AIRCRAFT ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT SNDBR: HOLD SW, RT, 029.19 INBOUND, 10 NM LEGS.
CHART HOLDING AT PAMPR: HOLD SW, LT, 055.61 INBOUND, 10 NM LEGS.
CHART HOLDING AT PEAKY: HOLD S, LT, 010.59 INBOUND, 10 NM LEGS.
CHART HOLDING AT PYREX: HOLD SW, RT, 044.21 INBOUND, 10 NM LEGS.
CHART GRITT, IBISS, PYREX, HENDN.

COMMUNICATIONS:

CHART: MIAMI APP CON, 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)
OCEAN REEF CLUB, KEY LARGO, FL (07FA)

LOST COMMUNICATIONS PROCEDURE:

LOST COMMUNICATIONS: KMIA Landing East: Continue track to EEELS, proceed direct GRITT, Conduct ILS or LOC RWY 9 approach.
KMIA Landing West: Continue Track to WNNER, then proceed direct IBISS, then proceed direct HENDN, CONDUCT ILS OR LOC RWY 27 APPROACH.

QUALITY
49
CHECKED

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
SNDBR (RNAV)	ONE	SNDBR.SNDBR1	NONE		12 AUG 2021

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.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KMIA 05W/2000
CHART AT EEELS TERMINUS: LDG KMIA RWY 12, 8L/R, 9
CHART AT WNNER TERMINUS: LDG KMIA RWY 26L/R, 27, 30
CHART AT CJAAY TERMINUS: LDG 07FA/X51/KHST/KTMB

<u>FLIGHT INSPECTED BY:</u>				<i>Digitally signed by</i>
MATTHEW R BUFORD				ALLAN WILL
				Jul 01, 2021
				Signature
<u>DEVELOPED BY:</u>				<i>Digitally signed by</i>
VICKI TURNER				ALLAN WILL
				Jul 01, 2021
				Signature
<u>APPROVED BY:</u>				<i>Digitally signed by</i>
LONNIE EVERHART				ALLAN WILL
				Jul 01, 2021
				Signature

CHANGES:REASONS:

6/29/21. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 6/4/21.

1. CHANGED REFERENCE FROM PYREK TO PYREX IN FIXES/HOLDING PATTERNS.

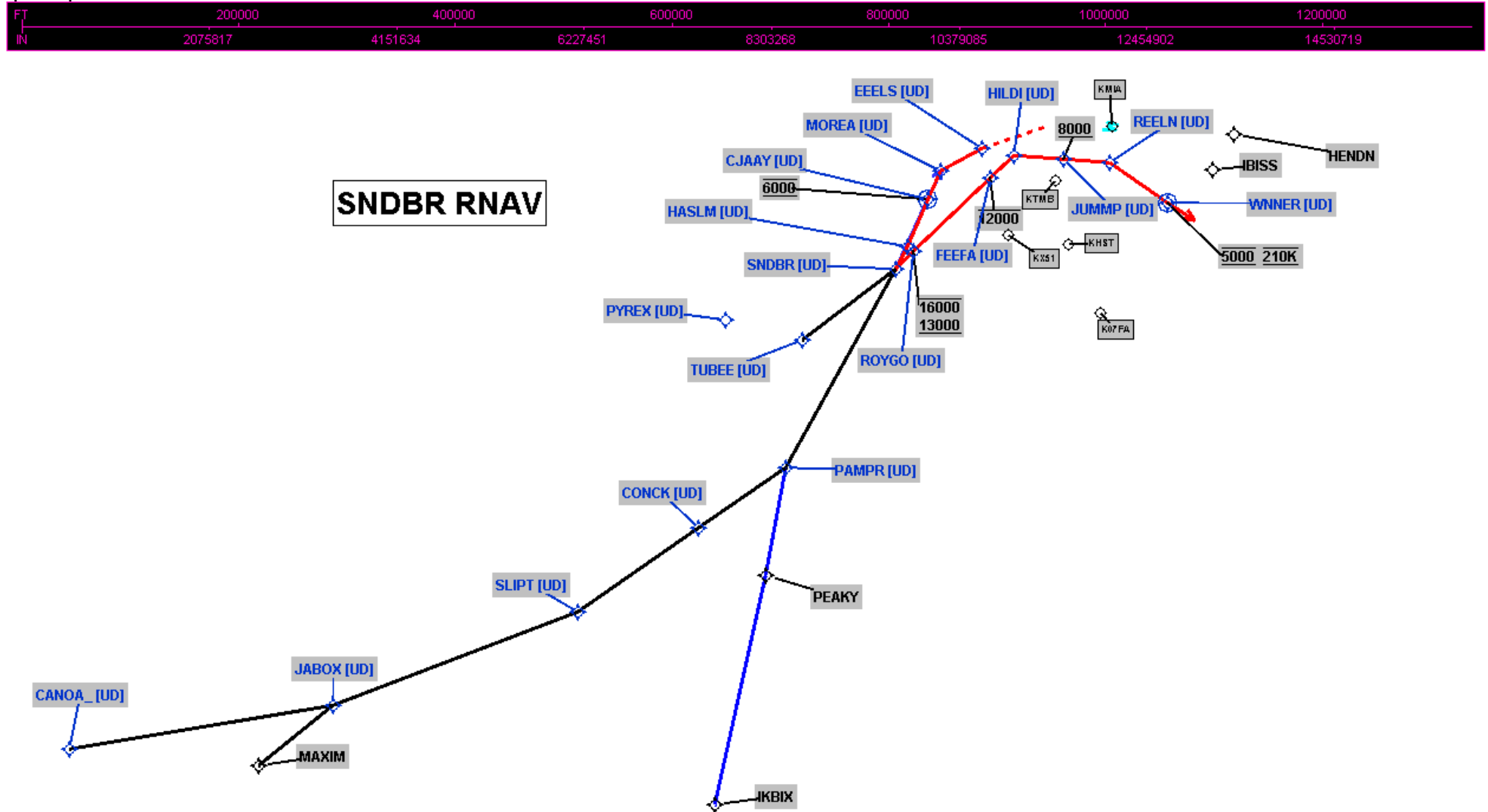


FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

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
SNDBR (RNAV)	ONE	SNDBR.SNDBR1	NONE		12 AUG 2021

Graphic Depiction 1

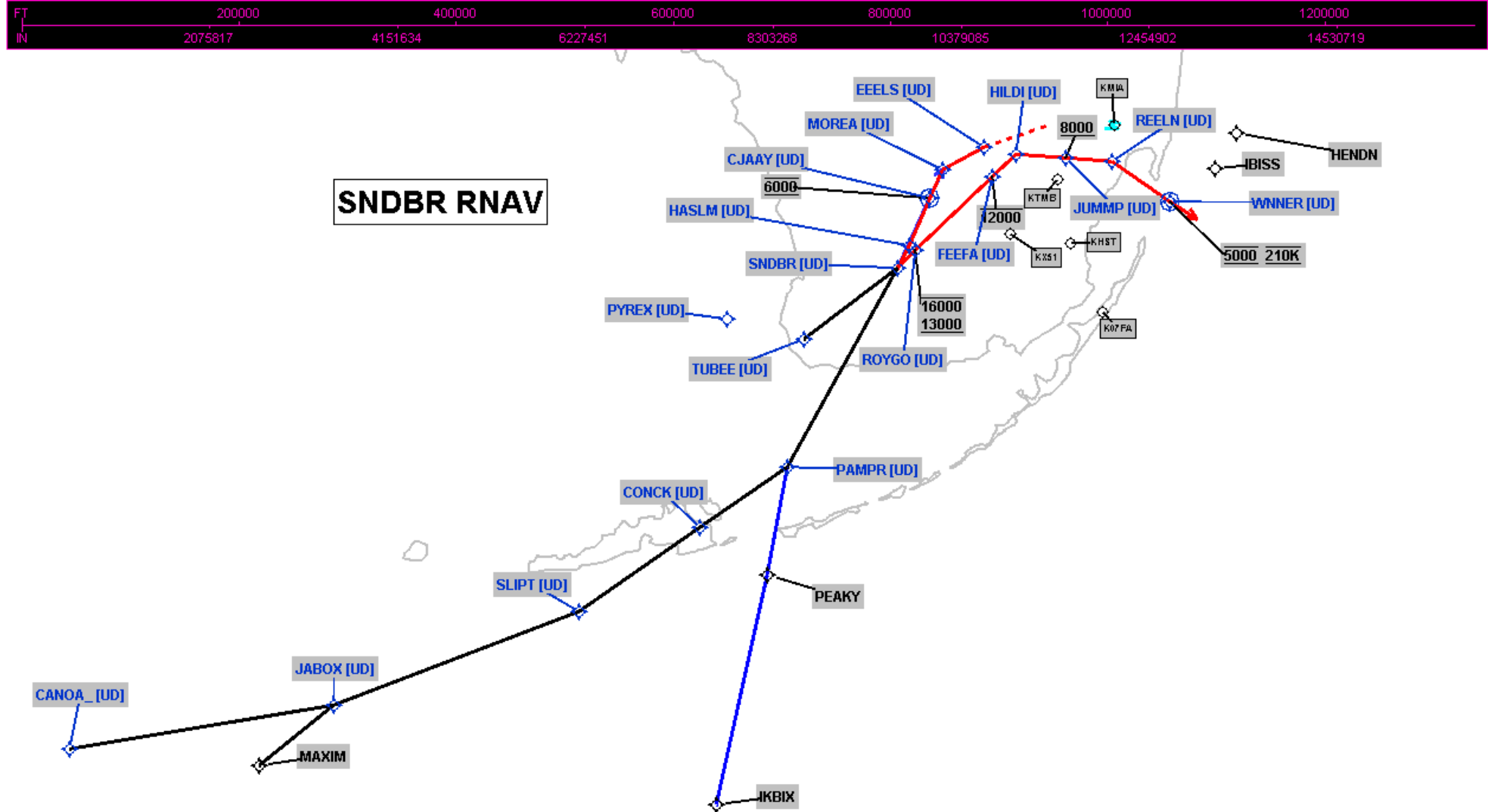


FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

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
SNDBR (RNAV)	ONE	SNDBR.SNDBR1	NONE		12 AUG 2021

Graphic Depiction 2

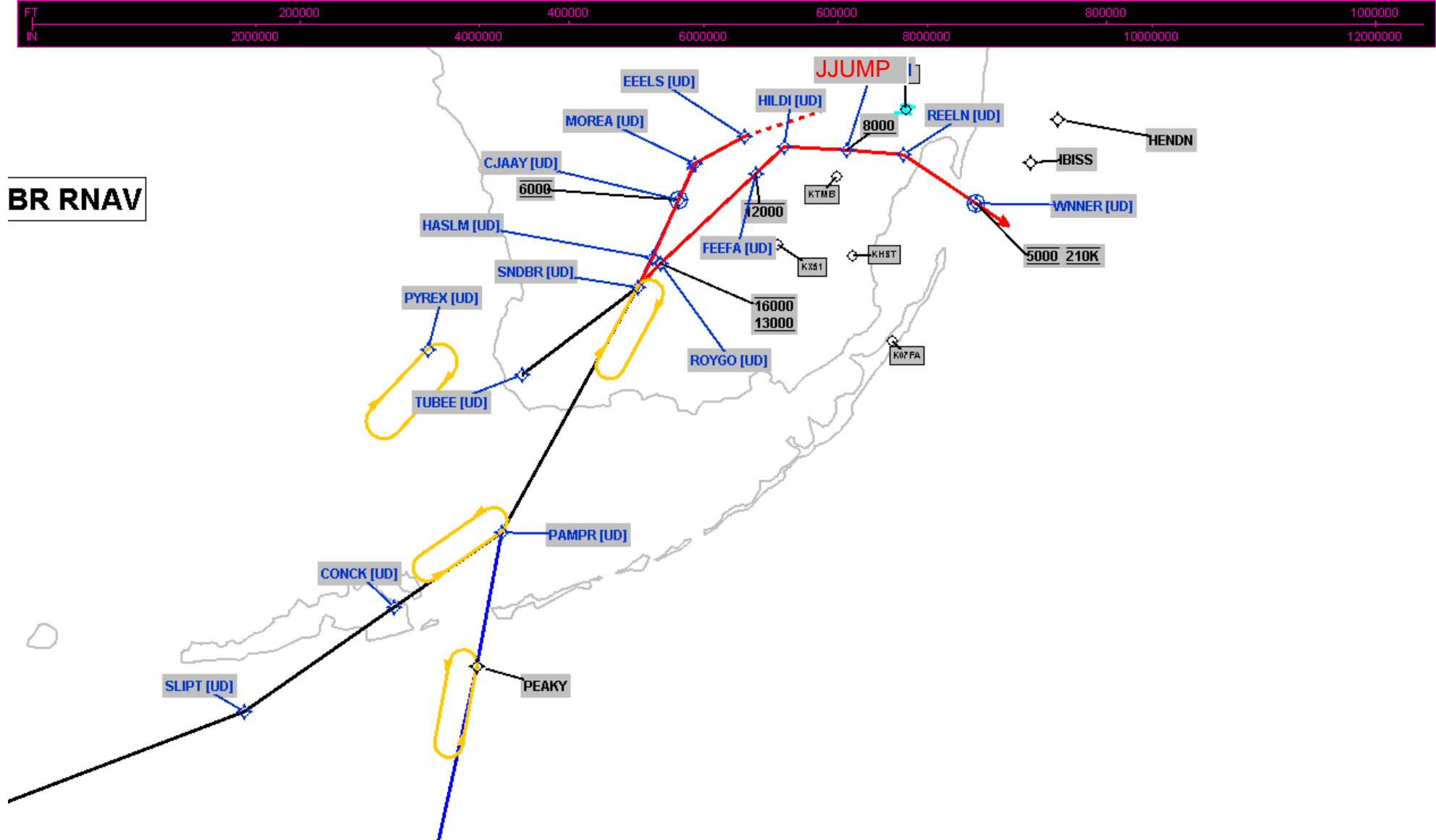


FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD TERMINAL ARRIVAL (STAR)

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
SNDBR (RNAV)	ONE	SNDBR.SNDBR1	NONE		12 AUG 2021

Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name SNDBR (RNAV)		Number ONE		STAR Computer Code SNDBR.SNDBR1		Superseded Number NONE		Dated	Effective Date <i>12 AUG 2021</i>
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
CANOA	240000.00N / 0830300.00W	Y		IF					CANOA.SNDBR1
JABOX	241002.22N / 0821931.76W	Y	FB	TF	075.74	41.02			
SLIPT	242717.14N / 0813952.42W	Y	FB	TF	064.47	40.10			
CONCK	244139.16N / 0812047.19W	Y	FB	TF	050.48	22.54	FL250BFL300	AT 280K	
PAMPR	245152.38N / 0810707.84W	Y	FB	TF	050.61	16.07	AT/ABOVE FL210	AT 280K	
SNDBR	252314.77N / 0805136.85W	Y	FB	TF	024.19	34.30			
En Route Transition									
IKBIX	240000.00N / 0811400.00W	Y		IF					IKBIX.SNDBR1
PEAKY	243523.72N / 0810853.91W	Y	FB	TF	007.51	35.59			
PAMPR	245152.38N / 0810707.84W	Y	FB	TF	005.59	16.50	AT/ABOVE FL210	AT 280K	
SNDBR	252314.77N / 0805136.85W	Y	FB	TF	024.19	34.30			
En Route Transition									
MAXIM	240000.00N / 0823107.73W	Y		IF					MAXIM.SNDBR1
JABOX	241002.22N / 0821931.76W	Y	FB	TF	046.66	14.59			
SLIPT	242717.14N / 0813952.42W	Y	FB	TF	064.47	40.10			
CONCK	244139.16N / 0812047.19W	Y	FB	TF	050.48	22.54	FL250BFL300	AT 280K	
PAMPR	245152.38N / 0810707.84W	Y	FB	TF	050.61	16.07	AT/ABOVE FL210	AT 280K	
SNDBR	252314.77N / 0805136.85W	Y	FB	TF	024.19	34.30			
En Route Transition									
PAMPR	245152.38N / 0810707.84W	Y		IF			AT/ABOVE FL210	AT 280K	PAMPR.SNDBR1
SNDBR	252314.77N / 0805136.85W	Y	FB	TF	024.19	34.30			
En Route Transition									
TUBEE	251123.46N / 0810613.30W	Y		IF					TUBEE.SNDBR1
SNDBR	252314.77N / 0805136.85W	Y	FB	TF	048.19	17.75			

QUALITY

16

CHECKED

QUALITY
16
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name SNDBR (RNAV)		Number ONE		STAR Computer Code SNDBR.SNDBR1		Superseded Number NONE		Dated	Effective Date <i>12 AUG 2021</i>
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
SNDBR	252314.77N / 0805136.85W	Y		IF					SNDBR.SNDBR1
CJAAY	253416.87N / 0804708.42W	Y	FO	TF	020.19	11.72	AT 6000		
07FA, KHST,KTMB, X51				FM	020.19				
Runway Transition									
SNDBR	252314.77N / 0805136.85W	Y		IF					
HASLM	252655.58N / 0804954.88W	Y	FB	TF	022.75	03.98	11000B13000	AT 250K	
MOREA	253847.51N / 0804526.13W	Y	FB	TF	018.89	12.50			
EEELS	254240.21N / 0803851.84W	Y	FB	TF	056.90	07.08	AT 6000		
KMIA:RWY 8L, RWY 8R, RWY 9, RWY 12									
Runway Transition									
SNDBR	252314.77N / 0805136.85W	Y		IF					
ROYGO	252619.74N / 0804847.19W	Y	FB	TF	039.79	04.00	13000B16000		
FEEFA	253820.00N / 0803700.74W	Y	FB	TF	041.62	16.02	AT/BELOW 12000		
HILDI	254156.89N / 0803327.36W	Y	FB	TF	041.71	04.83			
JJUMP	254204.68N / 0802454.48W	Y	FB	TF	089.01	07.72	AT/ABOVE 8000		
REELN	254211.36N / 0801711.85W	Y	FB	TF	089.06	06.97			
WNNER	253659.80N / 0800654.06W	Y	FO	TF	119.06	10.65	AT 5000	AT 210K	
KMIA:RWY 26L, RWY 26R, RWY 27, RWY 30				FM	119.06				

