

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.  
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Arrival Name <b>BNFSH (RNAV)</b>	Number <b>TWO</b>	STAR Computer Code <b>BNFSH.BNFSH2</b>	Superseded Number <b>ONE</b>	Dated <b>May 19 2022</b>	Effective Date <b>3 Nov 2022</b>
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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
FIROL	FIROL.BNFSH2	FIROL	FIROL						
			JITIL	272.26	36.65	12000	1500		
			REPEE	271.78	39.60	12000	1500		
			MUNRO	271.85	31.75	12000	1500		
			BICAP	275.09	28.85	12000	1300		AT/ABOVE FL190
			ENRGY	247.53	10.60	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
GELDE	GELDE.BNFSH2	GELDE	GELDE						AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
HOAGG	HOAGG.BNFSH2	HOAGG	HOAGG						
			JORAY	191.73	86.86	FL200	1300		
			MOGAE	203.31	65.27	FL200	1300		
			WOLAP	203.13	16.11	FL200	1300		AT/ABOVE FL240
			CIKEN	203.08	10.00	FL200	1300		AT/ABOVE FL220
			GELDE	202.94	16.74	12000	1300		AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
MOGAE	MOGAE.BNFSH2	MOGAE	MOGAE						
			WOLAP	203.13	16.11	FL200	1300		AT/ABOVE FL240
			CIKEN	203.08	10.00	FL200	1300		AT/ABOVE FL220



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BNFSH (RNAV)	TWO			BNFSH.BNFSH2	ONE			May 19 2022	3 Nov 2022
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			GELDE	202.94	16.74	12000	1300		AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
MORME	MORME.BNFSH2	MORME	MORME						
			POSSE	271.57	62.73	FL200	1300		AT/ABOVE FL240
			CIKEN	241.40	38.47	FL200	1300		AT/ABOVE FL220
			GELDE	202.94	16.74	12000	1300		AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
MUNRO	MUNRO.BNFSH2	MUNRO	MUNRO						
			BICAP	275.09	28.85	12000	1300		AT/ABOVE FL190
			ENRGY	247.53	10.60	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
REPEE	REPEE.BNFSH2	REPEE	REPEE						
			MUNRO	271.85	31.75	12000	1500		
			BICAP	275.09	28.85	12000	1300		AT/ABOVE FL190
			ENRGY	247.53	10.60	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
SNAGY	SNAGY.BNFSH2	SNAGY	SNAGY						
			HOVAX	242.01	51.36	FL200	1300		



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<b>BNFSH (RNAV)</b>	<b>TWO</b>	<b>BNFSH.BNFSH2</b>	<b>ONE</b>	<b>May 19 2022</b>	<b>3 Nov 2022</b>				
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			JORAY	241.60	85.66	FL200	1300		
			MOGAE	203.31	65.27	FL200	1300		
			WOLAP	203.13	16.11	FL200	1300		AT/ABOVE FL240
			CIKEN	203.08	10.00	FL200	1300		AT/ABOVE FL220
			GELDE	202.94	16.74	12000	1300		AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000
<b>SUMRS</b>	<b>SUMRS.BNFSH2</b>	<b>SUMRS</b>	<b>SUMRS</b>						
			PAAZZ	266.02	58.52	FL200	1300		
			JORAY	265.50	74.21	FL200	1300		
			MOGAE	203.31	65.27	FL200	1300		
			WOLAP	203.13	16.11	FL200	1300		AT/ABOVE FL240
			CIKEN	203.08	10.00	FL200	1300		AT/ABOVE FL220
			GELDE	202.94	16.74	12000	1300		AT/ABOVE 17000
			ENRGY	202.49	10.53	10000	1300		AT/BELOW 16000
			WOOSA	232.62	06.51	8000	1300		
			CASTT	240.26	06.16	8000	1300		AT/ABOVE 12000
			BNFSH	240.22	07.49	8000	1300		AT/ABOVE 11000



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**ARRIVAL ROUTE DESCRIPTION:**

LANDING KMIA RWY 8L/R: FROM BNFSH ON TRACK 196.66/11.30 TO CROSS FENDE AT OR ABOVE 11000, THEN ON TRACK 198.22/9.01 TO GUCCI, THEN ON TRACK 233.06/3.89 TO BLYMY, THEN ON TRACK 273.72/2.00 TO CROSS RMANI AT OR ABOVE 8000, THEN ON TRACK 273.00/5.29 TO CROSS MDONA AT OR ABOVE 6000, THEN ON TRACK 272.96/5.31 TO CROSS TUPAC AT 5000, THEN ON TRACK 272.96. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMIA RWY 9: FROM BNFSH ON TRACK 196.66/11.30 TO CROSS FENDE AT OR ABOVE 11000, THEN ON TRACK 198.22/9.01 TO GUCCI, THEN ON TRACK 212.62/13.34 TO CROSS PRCHE AT OR ABOVE 8000, THEN ON TRACK 262.09/3.35 TO CROSS DAHLA AT OR ABOVE 6000, THEN ON TRACK 272.03/8.70 TO CROSS BILZZ AT 5000, THEN ON TRACK 272.03. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMIA RWY 12: FROM BNFSH ON TRACK 196.66/11.30 TO CROSS FENDE AT OR ABOVE 11000, THEN ON TRACK 198.22/9.01 TO GUCCI, THEN ON TRACK 233.06/3.89 TO BLYMY, THEN ON TRACK 273.72/2.00 TO CROSS RMANI AT OR ABOVE 8000, THEN ON TRACK 273.00/5.29 TO CROSS MDONA AT OR ABOVE 6000, THEN ON TRACK 303.32/7.85 TO CROSS KPONE AT 4000, THEN ON TRACK 274.00/3.00 TO CROSS CHUUM AT 4000, THEN ON TRACK 274.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KMIA RWY 26L/R, 27, 30: FROM BNFSH ON TRACK 185.03/2.48 TO CROSS OTION AT 11000 AND AT 230 KIAS, THEN ON TRACK 180.88/2.67 TO CROSS BONHD AT OR ABOVE 9000, THEN ON TRACK 180.88/4.86 TO CROSS GDDAY BETWEEN 8000 AND 9000, THEN ON TRACK 180.88/11.50 TO CROSS RHODZ AT 6000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 26L, RWY 26R, OR RADAR VECTORS RWY 27, RWY 30 APPROACH.

LANDING 07FA/X51/KHST/KTMB: FROM BNFSH ON TRACK 196.66/2.60 TO CROSS KEYZZ AT OR ABOVE 11000, THEN ON TRACK 196.66/8.26 TO CROSS CARMA BETWEEN 9000 AND 10000, THEN ON TRACK 197.27/11.23 TO CROSS YARTO AT 8000, THEN ON HEADING 180.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PBN REQUIREMENT NOTES:**

RNAV 1 - DME/DME/IRU OR GPS

SNAGY, FIROL, SUMRS, MORME TRANSITIONS: GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED

**PROCEDURAL DATA NOTES:**

NOTE: JET AIRCRAFT ONLY, EXCLUDING EA50, E50P, SF50, C510, C525 AIRCRAFT, WHICH SHOULD FILE TARPEN RNAV STAR.

NOTE: LANDING EAST USE RUNWAY 12 TRANSITION, LANDING WEST USE RUNWAY 26R TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM MIA APPROACH PRIOR TO BNFSH.

NOTE: DO NOT FILE FIROL, MOGAE OR GELDE TRANSITION - TO BE ASSIGNED BY ATC.

NOTE: MUNRO TRANSITION FOR GRAND BAHAMA DEPARTURES ONLY.

NOTE: REPEE TRANSITION FOR ABACO DEPARTURES ONLY.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT CIKEN: HOLD NE, LT, 203.13 INBOUND, 10 NM LEGS.

CHART HOLDING AT HEATN: HOLD NE, RT, 220.48 INBOUND, 10 NM LEGS.

CHART HOLDING AT JITIL: HOLD E, RT, 272.26 INBOUND, 10 NM LEGS.

CHART HOLDING AT JORAY: HOLD N, RT, 191.73 INBOUND, 10 NM LEGS.

CHART HOLDING AT MOGAE: HOLD NE, LT, 203.31 INBOUND, 10 NM LEGS.

CHART HOLDING AT MUNRO: HOLD E, RT, 271.85 INBOUND, 10 NM LEGS.

CHART HOLDING AT ENRGY: HOLD N, RT, 202.49 INBOUND, 10 NM LEGS.

**COMMUNICATIONS:**

CHART: MIAMI APP CON



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**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMIA	MIAMI	FL
KHST	HOMESTEAD	FL
KTMB	MIAMI	FL
X51	HOMESTEAD	FL
07FA	KEY LARGO	FL

**LOST COMMUNICATIONS PREFERENCES:**

**REMARKS:**

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.  
 SHIP HEIGHT 295 FT.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
 MAG VAR: KMIA 05W/2000  
 CHART AT TUPAC TERMINUS: KMIA LDG RWY 08R/L  
 CHART AT BILLZ TERMINUS: KMIA LDG RWY 9  
 CHART AT CHUUM TERMINUS: KMIA LDG RWY 12  
 CHART AT RHODZ TERMINUS: KMIA LDG RWY 26L/R, 27, 30  
 CHART AT YARTO TERMINUS: LDG 07FA, KHST, KTMB, X51

**FLIGHT INSPECTED BY:**

MARC J HINCK

**ORGANIZATION:**

FPO

**DATE:**

08/23/2022

Flight Inspected Signature:

*Digitally signed by*

**ALLAN WILL**

Aug 26, 2022

*Digitally signed by*

**ALLAN WILL**

Jul 21, 2022

*Digitally signed by*

**ALLAN WILL**

Jul 21, 2022

**DEVELOPED BY:**

VICKI TURNER

10/13/2021

Developed By Signature:

**APPROVED BY:**

MARLON ROBINSON, MANAGER

AJV-A420

Approved By Signature:

**CHANGES:**

1. CHANGED "THEN ON HEADING 267.96" TO "THEN ON TRACK 272.96" FOLLOWING TUPAC FOR KMIA RWY 8L/R ARRIVAL ROUTE DESCRIPTION.
2. CHANGED "THEN ON HEADING 272.03" TO "THEN ON TRACK 272.03" FOLLOWING BILZZ FOR KMIA RWY 9 ARRIVAL ROUTE DESCRIPTION.
3. CHANGED "THEN ON HEADING 274.00" TO "THEN ON TRACK 274.00" FOLLOWING CHUUM FOR KMIA RWY 12 ARRIVAL ROUTE DESCRIPTION.



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4. ADDED 230K SPEED RESTRICTION WHEN CROSSING OTION AND ADDED 210K SPEED RESTRICTION WHEN CROSSING RHODZ TO THE KMIA RWY 26L/R, 27, AND 30 ARRIVAL ROUTE DESCRIPTION.
5. CHANGED "THEN ON HEADING 175.00" TO "THEN ON HEADING 180.00" FOLLOWING YARTO FOR 07FA/X51/KHST/KTMB ARRIVAL ROUTE DESCRIPTION.
6. REMOVED "CHART: CROSS BICAP AT 280 KIAS. CROSS CASTT AT 250 KIAS. CROSS GELDE AT 280 KIAS. CROSS POSSE AT 280 KIAS" FROM PROCEDURAL DATA NOTES.
7. ADDED "NOTE: JET AIRCRAFT ONLY, EXCLUDING EA50, E50P, SF50, C510, C525 AIRCRAFT, WHICH SHOULD FILE TARPEN RNAV STAR" TO PROCEDURAL DATA NOTES.
8. CHANGED INBOUND COURSE FOR MUNRO HOLDING PATTERN FROM 271.87 TO 271.85.
9. REMOVED VM LEG FOLLOWING RHODZ FOR KMIA RWY 26L/R, 27, AND 30 RUNWAY TRANSITION.
10. CHANGED ARRIVAL ROUTE DESCRIPTION FOR RWY 26L/R, 27, 20 FROM "...THEN ON HEADING 180.88. EXPECT RADAR VECTORS TO FINAL APPROACH." TO "...EXPECT ILS OR LOC RWY 26L, RWY 26R, OR RADAR VECTORS RWY 27, RWY 30 APPROACH."

**REASONS:**

- 1,5. HEADINGS DOCUMENTED IN MAGNETIC AND NOT TRUE/ATC REQUEST.
- 2-4,6-10. ATC REQUEST.

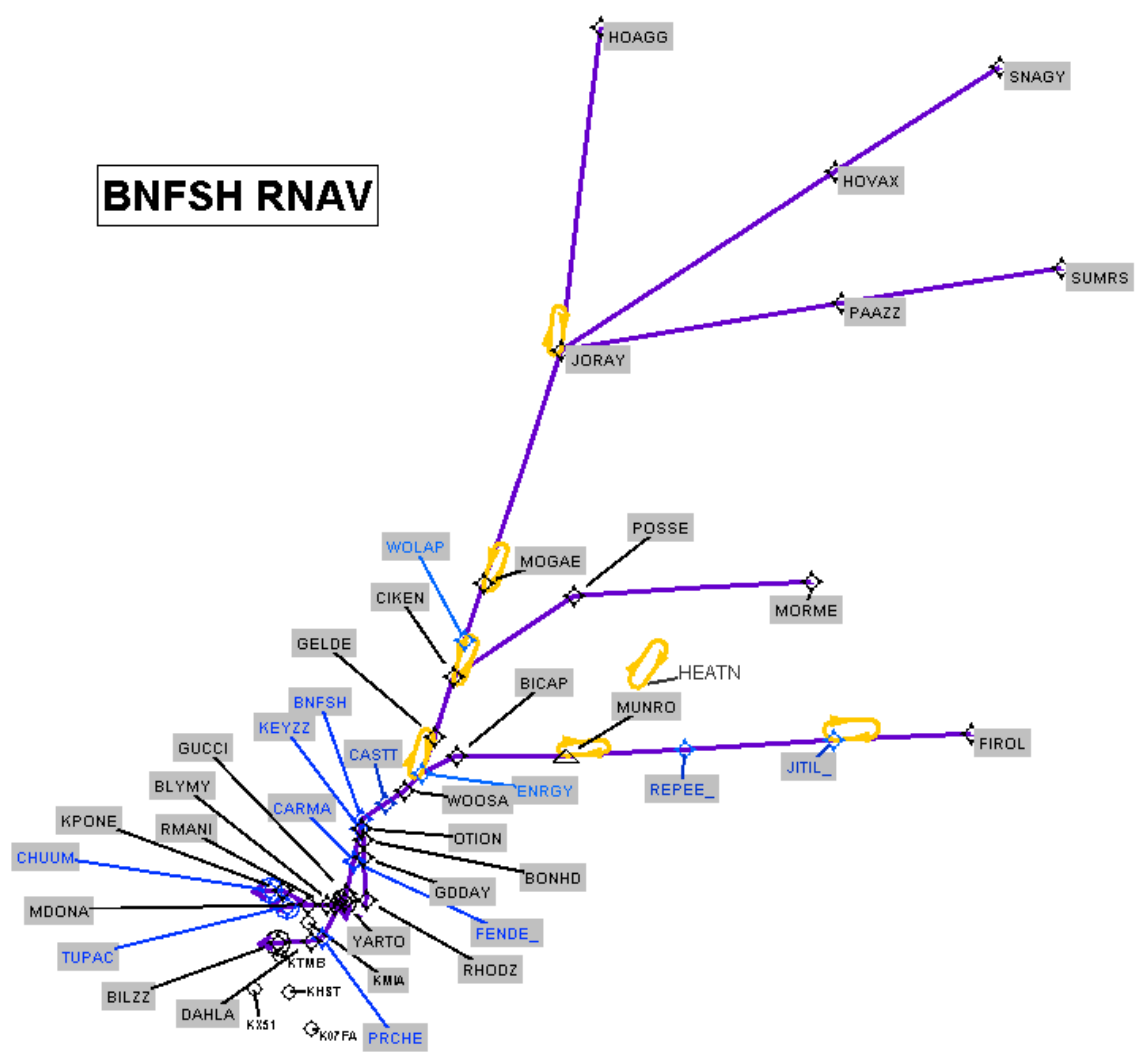


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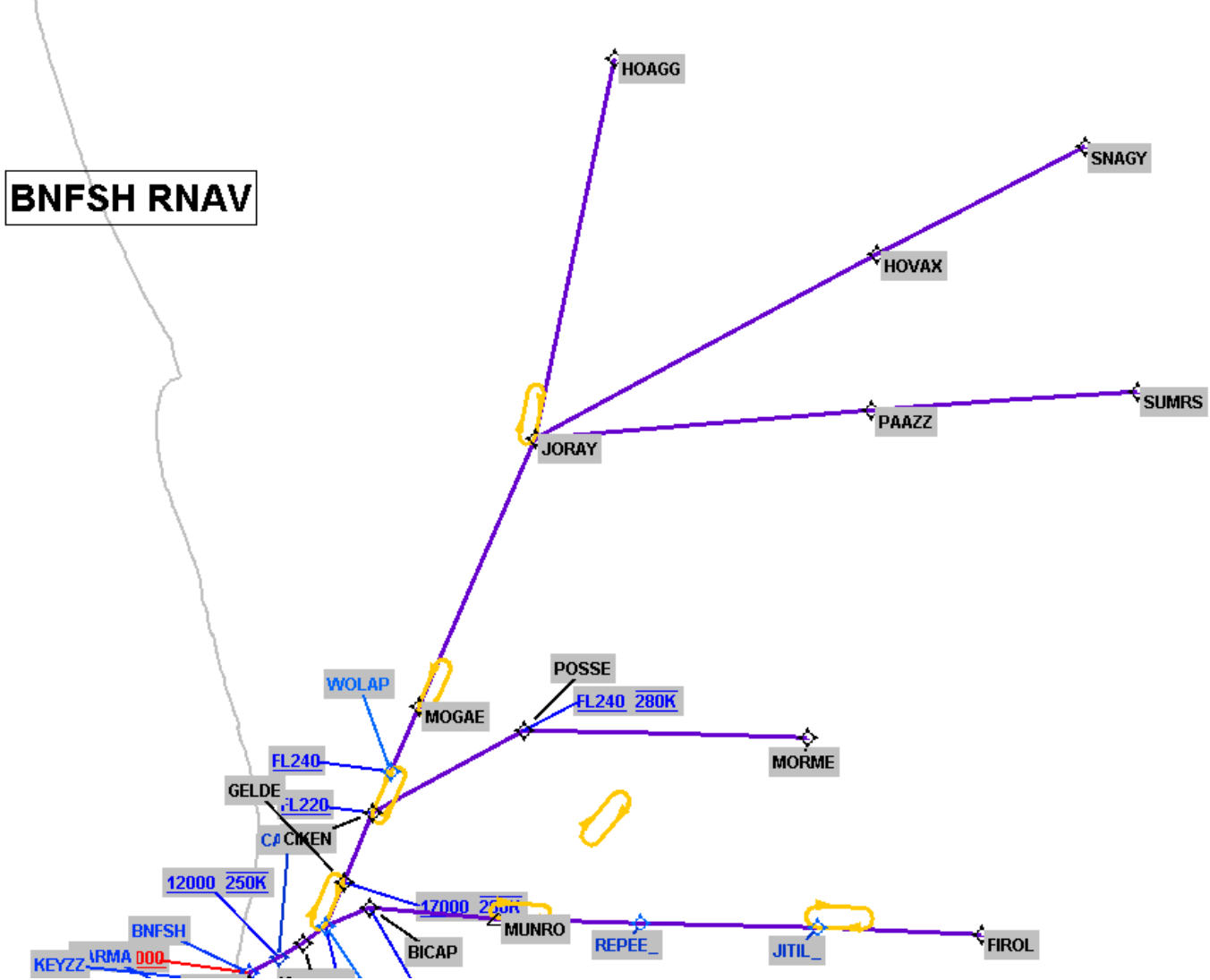
Graphic Depiction 1



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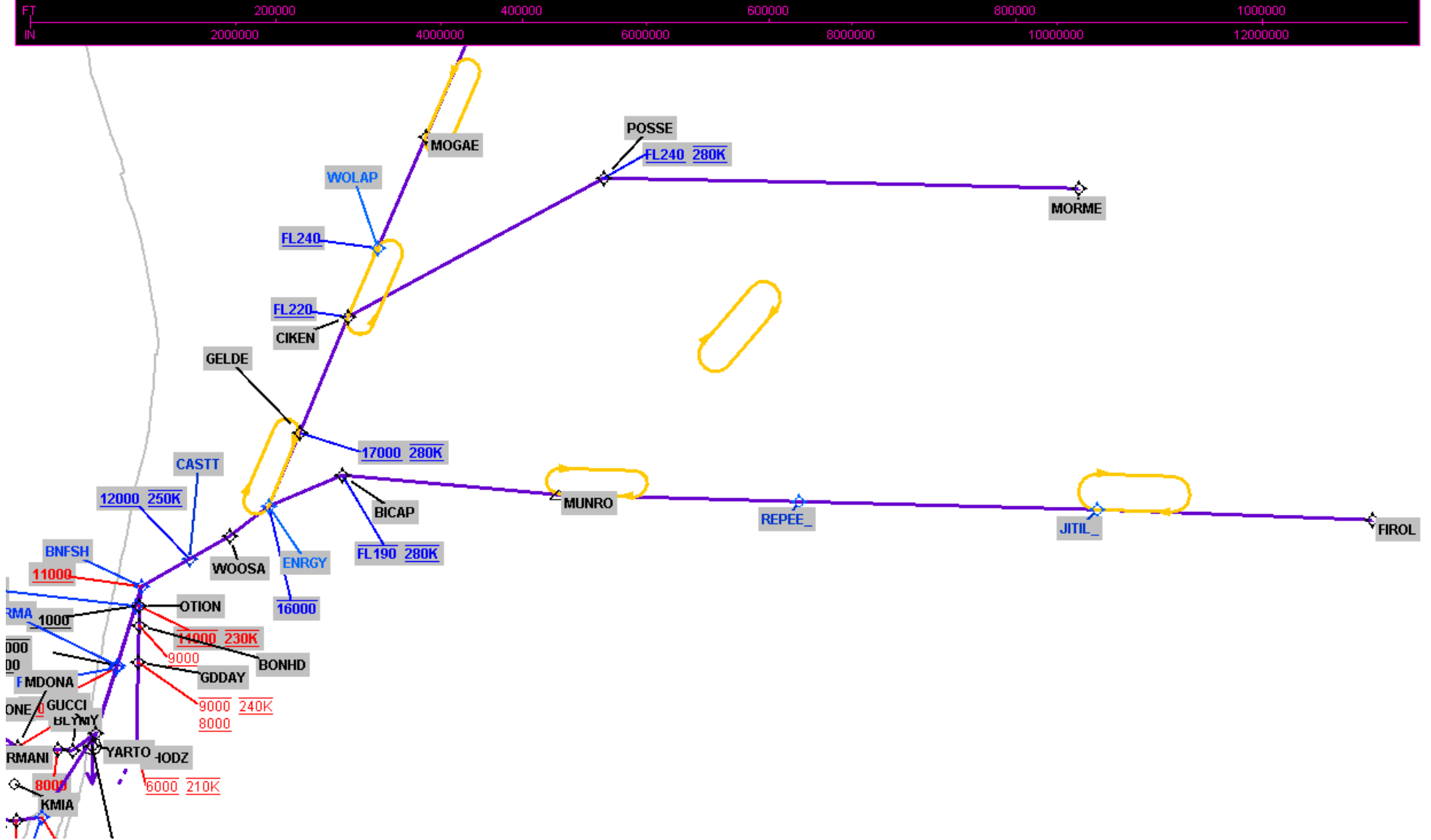


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BNFSH (RNAV)	TWO	BNFSH.BNFSH2	ONE	May 19 2022	3 Nov 2022

Graphic Depiction 3

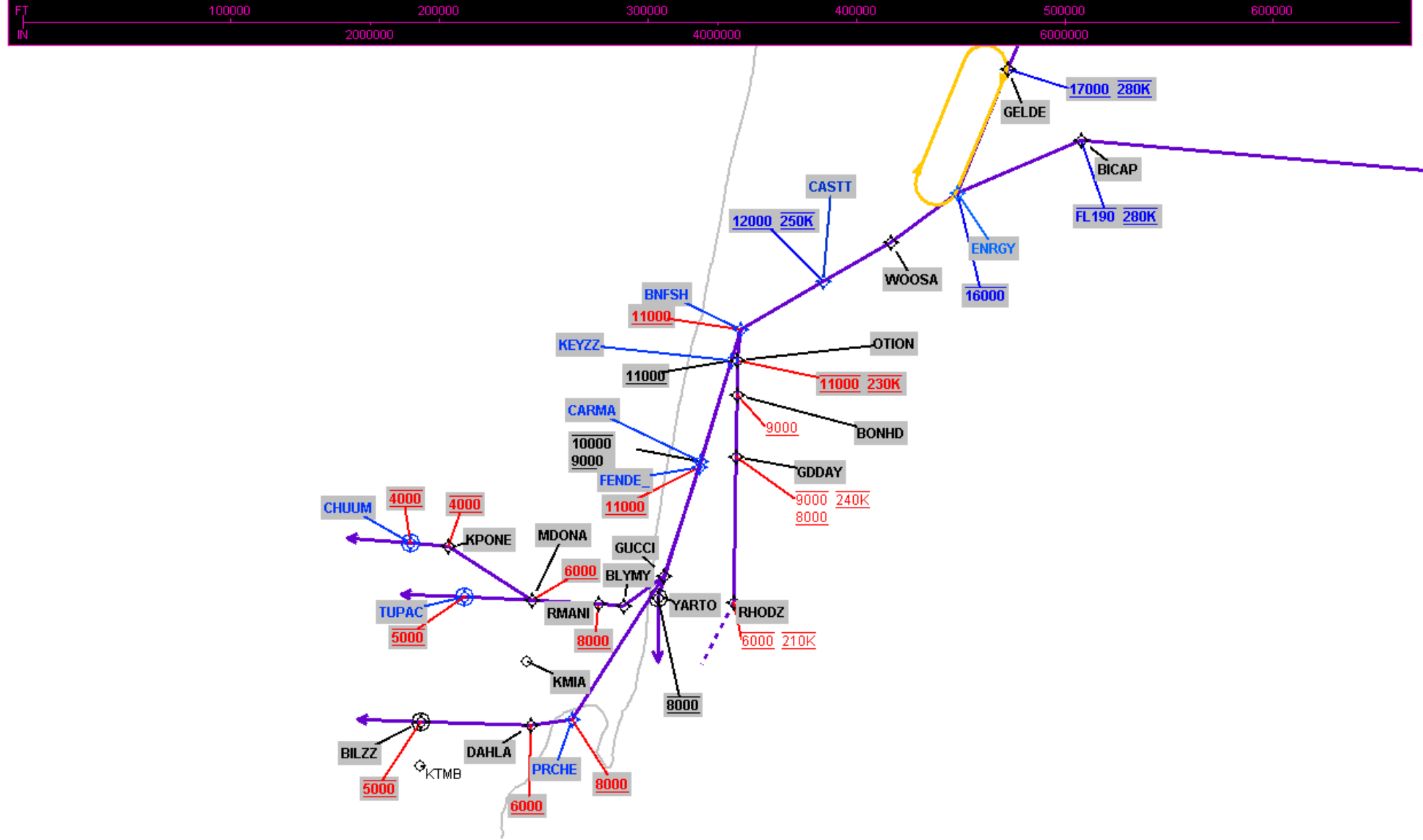


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Graphic Depiction 4



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name BNFSH (RNAV)	Number TWO	STAR Computer Code BNFSH.BNFSH2		Superseded Number ONE	Dated May 19 2022	Effective Date 3 Nov 2022			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
FIROL	263825.67N / 0770032.25W	Y		IF					FIROL.BNFSH2
JITIL	263634.36N / 0774122.72W	Y	FB	TF	267.26	36.65			
REPEE	263413.57N / 0782528.85W	Y	FB	TF	266.78	39.60			
MUNRO	263224.05N / 0790049.74W	Y	FB	TF	266.85	31.75			
BICAP	263223.17N / 0793259.72W	Y	FB	TF	270.09	28.85	AT/ABOVE FL190	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	242.53	10.60	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
GELDE	263732.77N / 0793956.82W	Y		IF			AT/ABOVE 17000	AT 280K	GELDE.BNFSH2
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
HOAGG	294703.71N / 0785033.85W	Y		IF					HOAGG.BNFSH2
JORAY	282034.13N / 0790205.88W	Y	FB	TF	186.73	86.86			
MOGAE	271824.19N / 0792506.53W	Y	FB	TF	198.31	65.27			
WOLAP	270302.95N / 0793043.31W	Y	FB	TF	198.13	16.11	AT/ABOVE FL240		
CIKEN	265330.91N / 0793411.62W	Y	FB	TF	198.08	10.00	AT/ABOVE FL220		
GELDE	263732.77N / 0793956.82W	Y	FB	TF	197.94	16.74	AT/ABOVE 17000	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		



FEDERAL AVIATION ADMINISTRATION  
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 STAR (DATA RECORD)

Arrival Name BNFSH (RNAV)	Number TWO	STAR Computer Code BNFSH.BNFSH2		Superseded Number ONE	Dated May 19 2022	Effective Date 3 Nov 2022			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
MOGAE	271824.19N / 0792506.53W	Y		IF					MOGAE.BNFSH2
WOLAP	270302.95N / 0793043.31W	Y	FB	TF	198.13	16.11	AT/ABOVE FL240		
CIKEN	265330.91N / 0793411.62W	Y	FB	TF	198.08	10.00	AT/ABOVE FL220		
GELDE	263732.77N / 0793956.82W	Y	FB	TF	197.94	16.74	AT/ABOVE 17000	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
MORME	271859.95N / 0774805.75W	Y		IF					MORME.BNFSH2
POSSE	271456.27N / 0785821.44W	Y	FB	TF	266.57	62.73	AT/ABOVE FL240	AT 280K	
CIKEN	265330.91N / 0793411.62W	Y	FB	TF	236.40	38.47	AT/ABOVE FL220		
GELDE	263732.77N / 0793956.82W	Y	FB	TF	197.94	16.74	AT/ABOVE 17000	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
MUNRO	263224.05N / 0790049.74W	Y		IF					MUNRO.BNFSH2
BICAP	263223.17N / 0793259.72W	Y	FB	TF	270.09	28.85	AT/ABOVE FL190	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	242.53	10.60	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
REPEE	263413.57N / 0782528.85W	Y		IF					REPEE.BNFSHL2



FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STAR (DATA RECORD)

Arrival Name BNFSH (RNAV)	Number TWO	STAR Computer Code BNFSH.BNFSH2		Superseded Number ONE		Dated May 19 2022	Effective Date 3 Nov 2022		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MUNRO	263224.05N / 0790049.74W	Y	FB	TF	266.85	31.75			
BICAP	263223.17N / 0793259.72W	Y	FB	TF	270.09	28.85	AT/ABOVE FL190	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	242.53	10.60	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
SNAGY	293626.39N / 0765151.38W	Y		IF					SNAGY.BNFSH2
HOVAX	290814.90N / 0774102.95W	Y	FB	TF	237.01	51.36			
JORAY	282034.13N / 0790205.88W	Y	FB	TF	236.60	85.66			
MOGAE	271824.19N / 0792506.53W	Y	FB	TF	198.31	65.27			
WOLAP	270302.95N / 0793043.31W	Y	FB	TF	198.13	16.11	AT/ABOVE FL240		
CIKEN	265330.91N / 0793411.62W	Y	FB	TF	198.08	10.00	AT/ABOVE FL220		
GELDE	263732.77N / 0793956.82W	Y	FB	TF	197.94	16.74	AT/ABOVE 17000	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			
CASTT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
En Route Transition									
SUMRS	284242.08N / 0763330.59W	Y		IF					SUMRS.BNFSH2
PAAZZ	283316.67N / 0773908.77W	Y	FB	TF	261.02	58.52			
JORAY	282034.13N / 0790205.88W	Y	FB	TF	260.50	74.21			
MOGAE	271824.19N / 0792506.53W	Y	FB	TF	198.31	65.27			
WOLAP	270302.95N / 0793043.31W	Y	FB	TF	198.13	16.11	AT/ABOVE FL240		
CIKEN	265330.91N / 0793411.62W	Y	FB	TF	198.08	10.00	AT/ABOVE FL220		
GELDE	263732.77N / 0793956.82W	Y	FB	TF	197.94	16.74	AT/ABOVE 17000	AT 280K	
ENRGY	262728.63N / 0794328.31W	Y	FB	TF	197.49	10.53	AT/BELOW 16000		
WOOSA	262304.58N / 0794849.42W	Y	FB	TF	227.62	06.51			



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name BNFSH (RNAV)	Number TWO	STAR Computer Code BNFSH.BNFSH2		Superseded Number ONE		Dated May 19 2022	Effective Date 3 Nov 2022		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
CAS TT	261933.17N / 0795427.53W	Y	FB	TF	235.26	06.16	AT/ABOVE 12000	AT 250K	
BNFSH	261515.83N / 0800118.14W	Y	FB	TF	235.22	07.49	AT/ABOVE 11000		
Common Route									
BNFSH	261515.83N / 0800118.14W	Y		IF			AT/ABOVE 11000		BNFSH.BNFSH2
KEYZZ	261242.82N / 0800153.15W	Y	FB	TF	191.66	02.60	AT/ABOVE 11000		
CARMA	260436.00N / 0800344.35W	Y	FB	TF	191.66	08.26	9000B10000		
YARTO	255335.31N / 0800623.17W	Y	FO	TF	192.27	11.23	AT 8000		
07FA,KHST,KTMB, X51				VM	175.00				
Runway Transition									
BNFSH	261515.83N / 0800118.14W	Y		IF			AT/ABOVE 11000		
FENDE	260409.90N / 0800350.31W	Y	FB	TF	191.66	11.30	AT/ABOVE 11000		
GUCCI	255521.91N / 0800607.46W	Y	FB	TF	193.22	09.01			
BLYMY	255245.48N / 0800919.87W	Y	FB	TF	228.06	03.89			
RMANI	255242.77N / 0801132.89W	Y	FB	TF	268.72	02.00	AT/ABOVE 8000		
MDONA	255231.54N / 0801724.91W	Y	FB	TF	268.00	05.29	AT/ABOVE 6000		
TUPAC	255220.04N / 0802317.78W	Y	FO	TF	267.96	05.31	AT 5000		
KMIA:RWY 8L,RWY 8R				FM	267.96				
Runway Transition									
BNFSH	261515.83N / 0800118.14W	Y		IF			AT/ABOVE 11000		
FENDE	260409.90N / 0800350.31W	Y	FB	TF	191.66	11.30	AT/ABOVE 11000		
GUCCI	255521.91N / 0800607.46W	Y	FB	TF	193.22	09.01			
PRCHE	254330.35N / 0801258.32W	Y	FB	TF	207.62	13.34	AT/ABOVE 8000		
DAHLA	254245.22N / 0801635.46W	Y	FB	TF	257.09	03.35	AT/ABOVE 6000		
BILZZ	254217.82N / 0802612.49W	Y	FO	TF	267.03	08.70	AT 5000		
KMIA:RWY 9				FM	267.03				



FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STAR (DATA RECORD)

<b>Arrival Name</b> BNFSH (RNAV)	<b>Number</b> TWO	<b>STAR Computer Code</b> BNFSH.BNFSH2	<b>Superseded Number</b> ONE	<b>Dated</b> May 19 2022	<b>Effective Date</b> 3 Nov 2022
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<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>
Runway Transition									
BNFSH	261515.83N / 0800118.14W	Y		IF			AT/ABOVE 11000		
FENDE	260409.90N / 0800350.31W	Y	FB	TF	191.66	11.30	AT/ABOVE 11000		
GUCCI	255521.91N / 0800607.46W	Y	FB	TF	193.22	09.01			
BLYMY	255245.48N / 0800919.87W	Y	FB	TF	228.06	03.89			
RMANI	255242.77N / 0801132.89W	Y	FB	TF	268.72	02.00	AT/ABOVE 8000		
MDONA	255231.54N / 0801724.91W	Y	FB	TF	268.00	05.29	AT/ABOVE 6000		
KPONE	255615.61N / 0802505.11W	Y	FB	TF	298.32	07.85	AT 4000		
CHUUM	255612.42N / 0802824.75W	Y	FO	TF	269.00	03.00	AT 4000		
KMIA:RWY 12				FM	269.00				

Runway Transition									
BNFSH	261515.83N / 0800118.14W	Y		IF			AT/ABOVE 11000		
OTION	261246.72N / 0800118.23W	Y	FB	TF	180.03	02.48	AT 11000	AT 230K	
BONHD	261006.29N / 0800105.41W	Y	FB	TF	175.88	02.67	AT/ABOVE 9000		
GDDAY	260514.47N / 0800042.12W	Y	FB	TF	175.88	04.86	8000B9000		
RHODZ	255344.46N / 0795947.18W	Y	FB	TF	175.88	11.50	AT 6000	AT 210K	
KMIA:RWY 26L,RWY 26R,RWY 27,RWY 30									

