

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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5	Superseded Number FOUR	Dated 06/15/2023	Effective Date
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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.FROGZ5	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	1600	AT/ABOVE 11000	
			FROGZ	120.84	05.00	9000	1600		
BROMO	BROMO.FROGZ5	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	1600	AT/ABOVE 11000	
			FROGZ	120.84	05.00	9000	1600		
BULZI	BULZI.FROGZ5	BULZI	BULZI						
			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		



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			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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		
DEFUN	DEFUN.FROGZ5	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		
			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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		
DOWRY	DOWRY.FROGZ5	DOWRY	DOWRY						
			CIGAR	106.08	20.74	FL180	2300		
			OCHHO	106.25	21.72	FL180	2300		
			GAWKS	106.44	70.78	FL180	2300		
			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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		



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GAWKS	GAWKS.FROGZ5	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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		
HONID	HONID.FROGZ5	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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		
MARCI	MARCI.FROGZ5	MARCI	MARCI						BETWEEN FL210 AND FL280
			SUMPS	092.89	31.59	9000	1600		AT/ABOVE 11000
			FROGZ	093.49	08.85	9000	1600		
SABEE	SABEE.FROGZ5	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



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			BARBN	120.68	22.95	12000	2100		AT/ABOVE 15000
			JAMAS	120.72	16.61	9000	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		
SCURF	SCURF.FROGZ5	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	1600		AT/ABOVE 11000
			FROGZ	120.84	05.00	9000	1600		

ARRIVAL ROUTE DESCRIPTION:

LANDING MIA RWY 8L: 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 9000, 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 118.06/4.43 TO DRILY, THEN ON TRACK 092.18/5.06 TO CROSS FROTH AT 5000. EXPECT RNAV RWY 8L APPROACH.

LANDING MIA RWY 8R: 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 9000, 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 118.06/4.73 TO HALER, THEN ON TRACK 092.20/4.22 TO CROSS BOZZE AT 5000. EXPECT ILS OR RNAV RWY 8R APPROACH.

LANDING MIA RWY 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 9000, 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.

LANDING MIA RWY 12: 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 9000, THEN ON TRACK 117.99/4.65 TO CROSS PBJAY AT OR ABOVE 8000, THEN ON TRACK 090.03/21.99 TO CROSS PIANA AT 3000. EXPECT ILS OR RNAV RWY 12 APPROACH.

LANDING MIA RWY 26L/R: FROM FROGZ ON TRACK 115.73/7.06 TO CROSS ENOLE BETWEEN 11000 AND 16000, THEN ON TRACK 115.97/4.00 TO HAKUL, THEN ON TRACK 091.21/4.01 TO CROSS VEYGA AT OR ABOVE 11000 AND AT 250 KIAS, THEN ON TRACK 091.17/6.35 TO SOFAS, THEN ON TRACK 091.42/2.47 TO HOLEZ, THEN ON TRACK 090.79/2.49 TO CROSS JIGGY AT OR BELOW 11000, THEN ON TRACK 091.44/14.79 TO CROSS NCLUB AT 8000, THEN ON TRACK 091.83/14.97 TO GRANN, THEN ON TRACK 091.83. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING MIA RWY 27: FROM FROGZ ON TRACK 115.73/7.06 TO CROSS ENOLE BETWEEN 11000 AND 16000, THEN ON TRACK 115.97/4.00 TO HAKUL, THEN ON TRACK 091.21/4.01 TO CROSS VEYGA AT OR ABOVE 11000 AND AT 250 KIAS, THEN ON TRACK 091.17/6.35 TO SOFAS, 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 091.18/8.36 TO CROSS OLDDE AT 6000, THEN ON TRACK 091.18. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING MIA RWY 30: FROM FROGZ ON TRACK 115.73/7.06 TO CROSS ENOLE BETWEEN 11000 AND 16000, THEN ON TRACK 115.97/4.00 TO HAKUL, THEN ON TRACK 091.21/4.01 TO CROSS VEYGA AT OR ABOVE 11000 AND AT 250 KIAS, THEN ON TRACK 091.17/6.35 TO SOFAS, 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/HST/TMB: FROM FROGZ ON TRACK 130.41/8.05 TO CROSS HATUG AT 9000, THEN ON HEADING 140.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

FROM DOWRY: RNAV 1-GPS.



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EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

NOTE: LANDING EAST USE RUNWAY 9 TRANSITION, LANDING WEST USE RUNWAY 30 TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM MIA APPROACH PRIOR TO FROGZ.

NOTE: DO NOT FILE MARCI, BROMO, SCURF, BULZI, OR GAWKS TRANSITION - TO BE ASSIGNED BY ATC"

NOTE: SABEE TRANSITION FOR TRAFFIC DEPARTING TPA AREA ONLY.

NOTE: DOWRY TRANSITION: GPS ONLY.

FIXES AND/OR HOLDING PATTERNS:

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

CHART HOLDING AT BROMO: HOLD N, RT, 160.97 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 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 MATNY: HOLD NW, RT, 146.95 INBOUND, 10 NM LEGS.

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

COMMUNICATIONS:

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
MIA	MIAMI	FL
HST	HOMESTEAD	FL
TMB	MIAMI	FL
X51	HOMESTEAD	FL
07FA	KEY LARGO	FL

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

MEAS PER D/D/I.

LOWEST ALTITUDE ASSIGNED BY ATC AT GRANN: 6000.

OBSTACLES OVER WATER ASSUMED AS 295 FT SHIPS.

1600 FT MOCA VALUES DUE TO 549 MSL TWR (12-000221) LOCATED DOWNSTREAM IN RWY TRANSITIONS.



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ADDITIONAL FLIGHT DATA:

- DME/DME ASSESSMENT: SAT (RNP 2.0)
- MAG VAR: MIA 05W/2000
- CHART AT LLEGG TERMINUS: MIA LDG RWY 9
- CHART AT FROTH TERMINUS: MIA LDG RWY 8L
- CHART AT PIANA TERMINUS: MIA LDG RWY 12
- CHART AT GRANN TERMINUS: MIA LDG RWY 26L/R
- CHART AT OLDDE TERMINUS: MIA LDG RWY 27
- CHART AT BOZZE TERMINUS: MIA LDG RWY 8R
- CHART AT WNNER TERMINUS: MIA LDG RWY 30
- CHART AT HATUG TERMINUS: LDG 07FA/HST/TMB/X51

FLIGHT INSPECTED BY:

KENNETH E JACK

ORGANIZATION:

AJF

DATE:

12/18/2025

Flight Inspected Signature:

Digitally signed by

CASIMIR L TABAKA

Jan 23, 2026

Digitally signed by

CASIMIR L TABAKA

Jan 23, 2026

DEVELOPED BY:

RAFAEL A MARTINEZ

AJV-A421

09/22/2025

Developed By Signature:

Digitally signed by

CASIMIR L TABAKA

Jan 23, 2026

APPROVED BY:

BEV L BORDY

AJV-A420

Approved By Signature:

CHANGES:

1. CHANGED ALT RESTRICTION AT ENOLE FROM 14000B16000 TO 11000B16000.
2. CHANGED ALT RESTRICTION AT VEYGA FROM AT/ABOVE 13000 TO AT/ABOVE 11000.
3. CHANGED ALT RESTRICTION RWY 8L/R, 9 AND 12 AT ASPPN FROM AT/BELOW 10000 TO AT/BELOW 9000.
4. REMOVED ALT RESTRICTION 11000 AT SOFAS.
5. ADDED BULZI AND DOWRY TRANSITION ROUTES.
6. PROCEDURAL DATA NOTES: ADDED ATC ASSIGNED ONLY TO BULZI AND GAWKS ENROUTE TRANSITIONS.
7. AMENDED RWY 8L TRANSITION AFTER SCHAR: REMOVED ACERE, LLEGG AND ADDED DRILY, FROTH AT 5000.
8. AMENDED RWY 8R TRANSITION AFTER SCHAR: REMOVED ACERE, LLEGG AND ADDED HALER, BOZZE AT 5000.
9. AMENDED RWY 12 TRANSITION AFTER PBJAY: REMOVED SCHAR, ACERE, LLEGG AND ADDED PIANA AT 3000.
10. AMENDED RWY 26L/R TRANSITION AFTER HOLEZ: ADDED JIGGY AT/BELOW 11000, NCLUB AT 8000, GRANN AND FM LEG 091.83.
11. AMENDED RWY 27 TRANSITION AFTER REELN: ADDED OLDDE AT 6000 AND FM LEG 091.18.
12. ADDED REMARK "LOWEST ALTITUDE ASSIGNED BY ATC AT GRANN: 6000."
13. PBN REQUIREMENT NOTES: ADDED "FROM DOWRY: RNAV 1-GPS".
14. CHANGED MOCA VALUES AT JAMAS AND FROGZ SEGMENTS FROM 1300 TO 1600.
15. COMMUNICATIONS: REMOVED CHART MIAMI APP CON AND MIAMI HOMESTEAD GENERAL AVIATION AWOS.



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- 16. REMARKS: ADDED 1600 FOOT MOCA VALUES CO NOTE.
- 17. ADDITIONAL FLIGHT DATA: AMENDED TERMINUS DATA.
- 18. PROCEDURAL DATA NOTES: ADDED NOTE: DOWRY TRANSITION: GPS ONLY.

REASONS:

- 1-11, 17. ATC REQUEST.
- 12. IAW 8260.19K 4-5-2.J.
- 13. REQUIRED DUE TO LACK OF DME/DME RESOLUTION.
- 14. NEW CONTROLLING OBSTACLE 549 MSL TWR (12-000221) IN SEGMENT COTOL-MACYS.
- 15. APP CON NOW AUTOMATICALLY CHARTED/AWOS NO LONGER CHARTED.
- 16. EXPLANATORY INFORMATION FOR FLIGHT CHECK/AIS REFERENCE.
- 18. REQUIRED DOCUMENTATION PER FAAO 8260.19K PARA 4-5-12D(3) CRITERIA.

12/22/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/22/2025
 ADDED NOTE: MARCI TRANSITION DO NOT FILE BROMO, SCURF, BULZI, OR GAWKS TRANSITION - TO BE ASSIGNED BY ATC. TO PROCEDURAL DATA NOTES.

01/23/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/22/2025.
 CHANGED PROCEDURAL DATA NOTE FROM "MARCI TRANSITION DO NOT FILE BROMO, SCURF, BULZI, OR GAWKS TRANSITION - TO BE ASSIGNED BY ATC", TO "NOTE: DO NOT FILE MARCI, BROMO, SCURF, BULZI, OR GAWKS TRANSITION - TO BE ASSIGNED BY ATC"

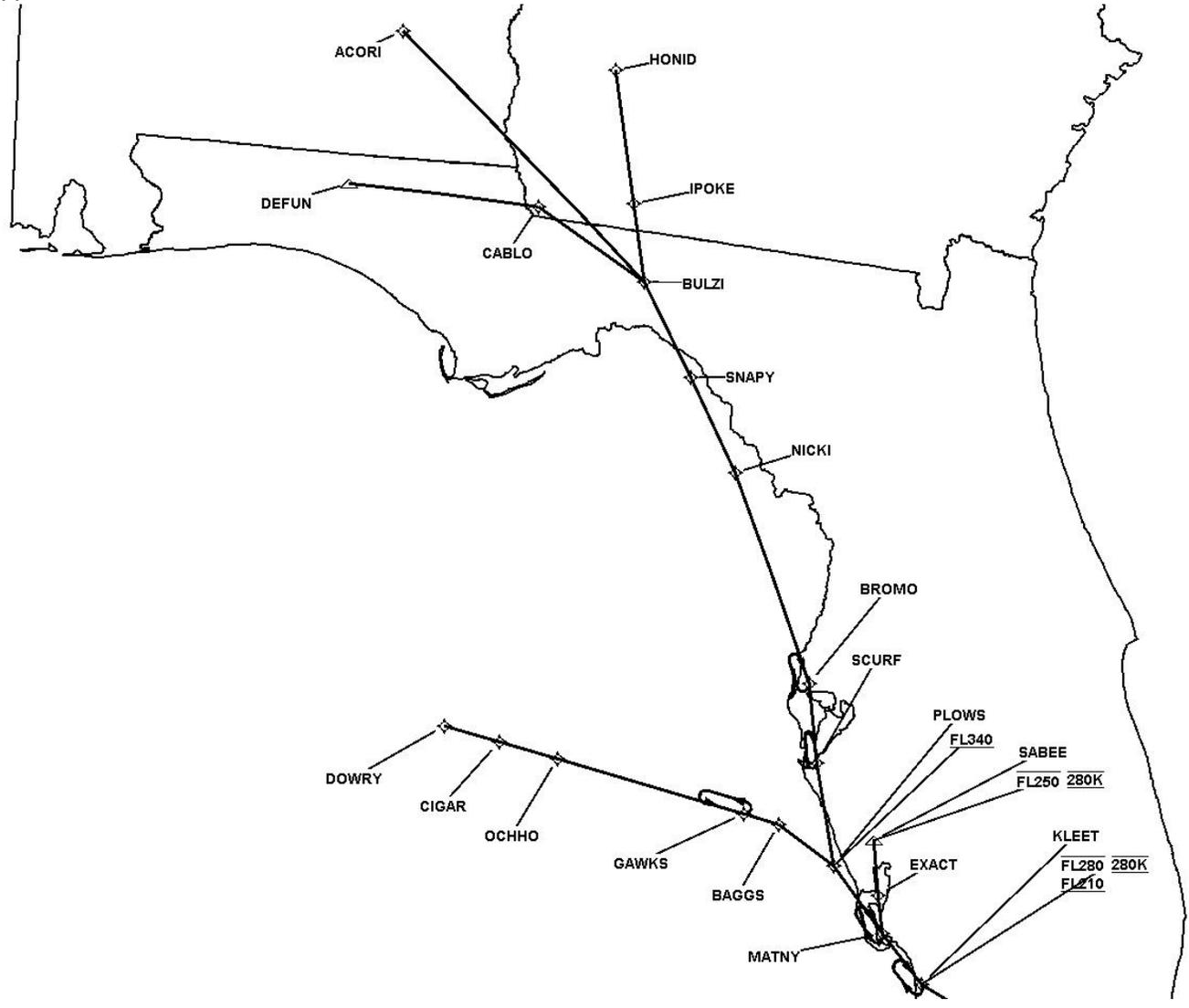


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Graphic Depiction 1

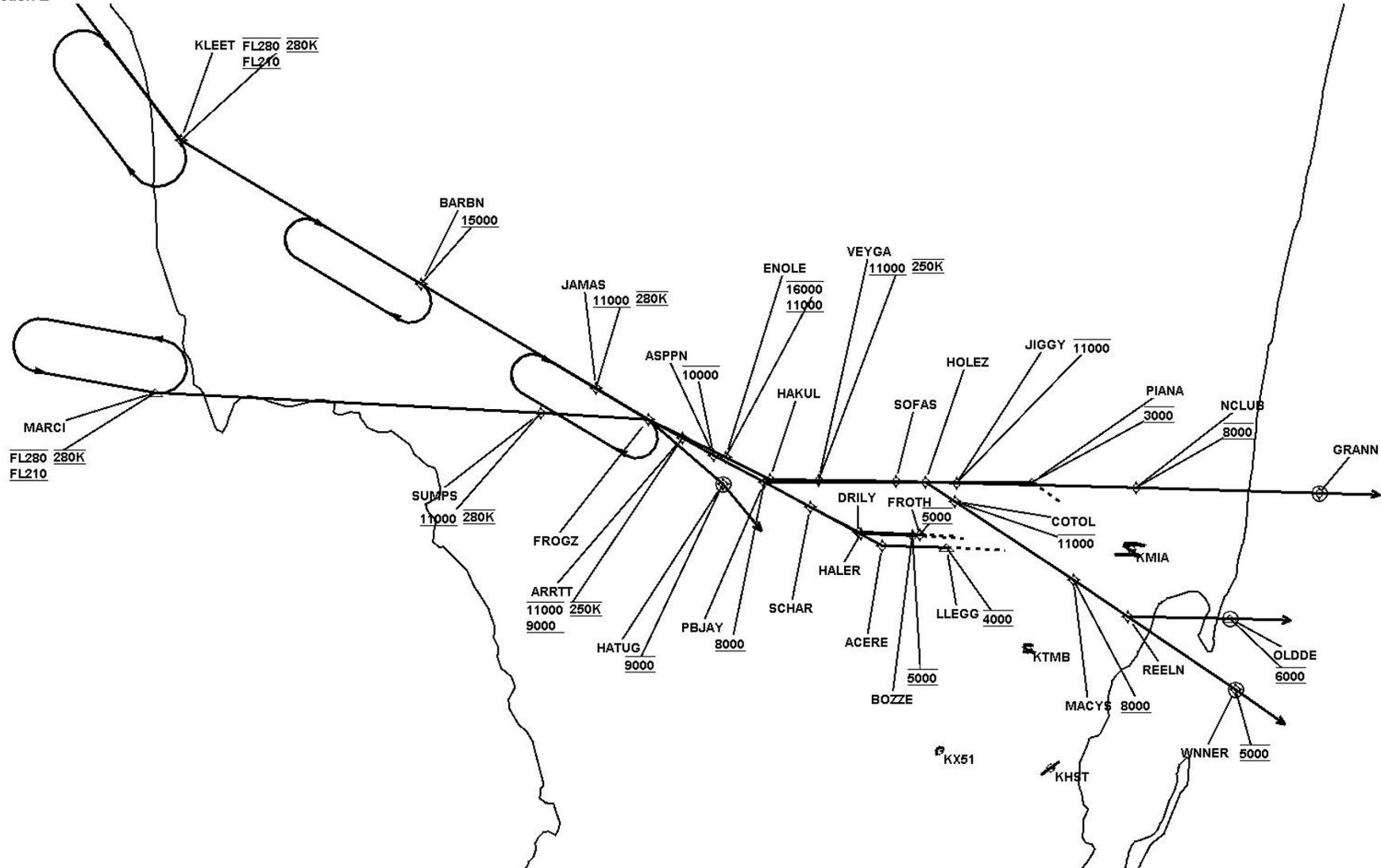


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Graphic Depiction 2

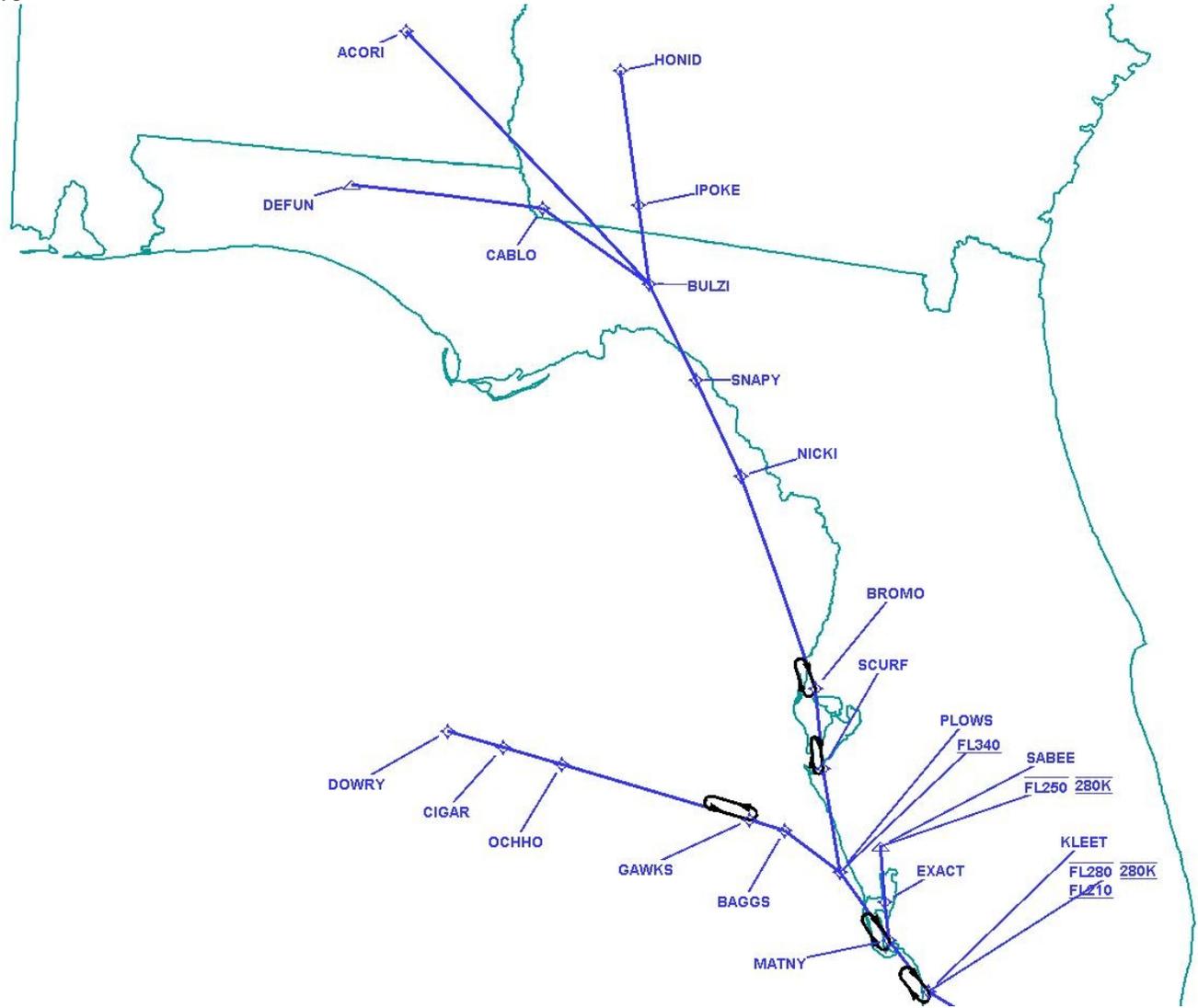


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Graphic Depiction 3

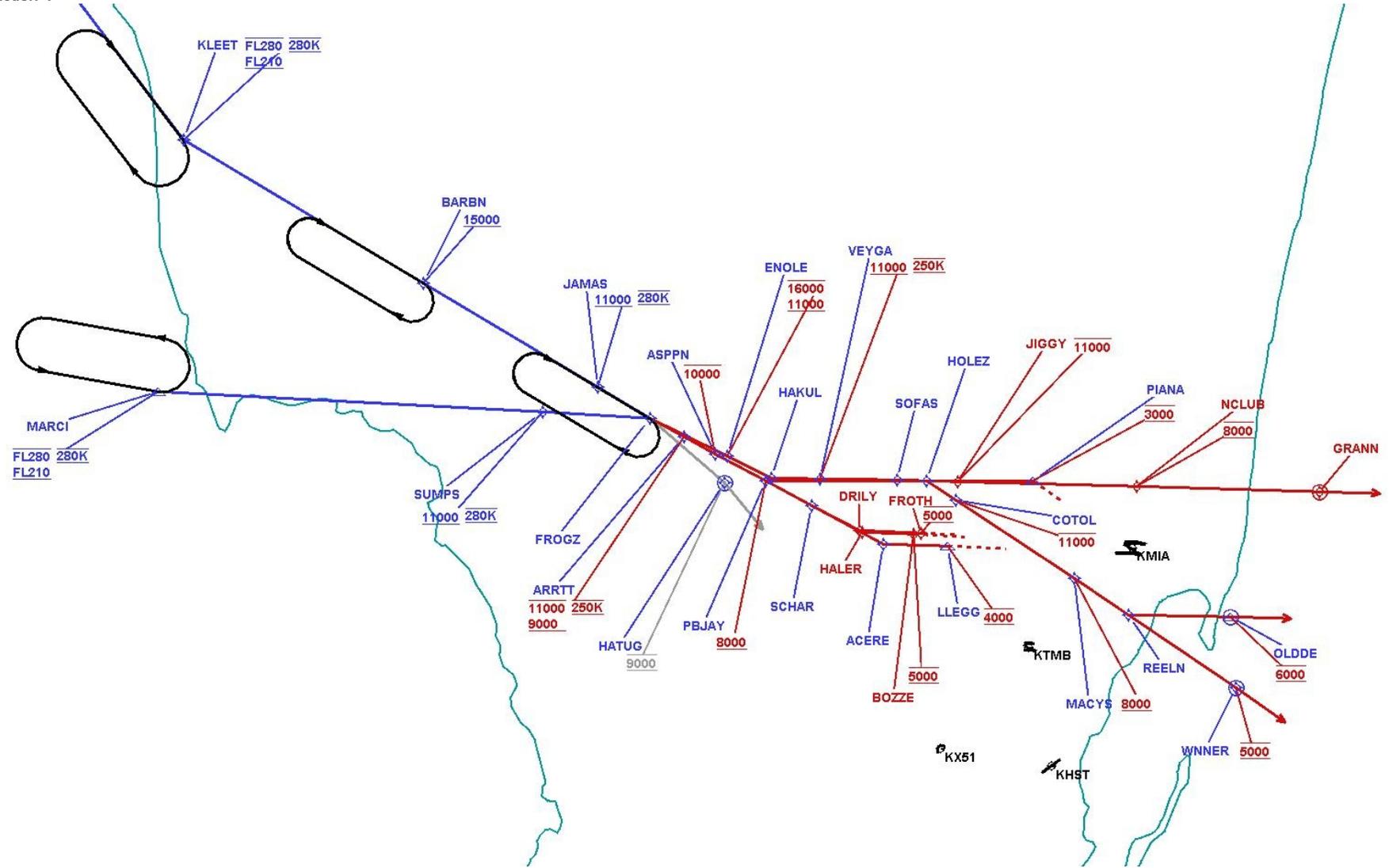


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Graphic Depiction 4



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR		Dated 06/15/2023	Effective Date		
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.FROGZ5
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.FROGZ5
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									
BULZI	302224.93N / 0840434.47W	Y		IF					BULZI.FROGZ5
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			



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR		Dated 06/15/2023	Effective Date		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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.FROGZ5
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			
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									
DOWRY	273338.19N / 0850952.66W	Y		IF					DOWRY.FROGZ5
CIGAR	272936.61N / 0844659.51W	Y	FB	TF	101.08	20.74			
OCHHO	272519.53N / 0842303.04W	Y	FB	TF	101.25	21.72			
GAWKS	271053.38N / 0830515.17W	Y	FB	TF	101.44	70.78			
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			



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR		Dated 06/15/2023	Effective Date		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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.FROGZ5
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					
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	
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			



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR		Dated 06/15/2023	Effective Date		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
MARCI	255327.84N / 0814702.37W	Y		IF			FL210BFL280	AT 280K	MARCI.FROGZ5
SUMPS	255433.73N / 0811201.92W	Y	FB	TF	087.89	31.59	AT/ABOVE 11000	AT 280K	
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	088.49	08.85			
En Route Transition									
SABEE	270516.20N / 0821129.33W	Y		IF			AT/BELOW FL250	AT 280K	SABEE.FROGZ5
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.FROGZ5
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			
Common Route									
FROGZ	255447.44N / 0810213.20W	Y		IF					FROGZ.FROGZ5
HATUG	255006.59N / 0805457.02W	Y	FO	TF	125.41	08.05	AT 9000		
K07FA,KHST,KTMB, KX51				VM	135.00				



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR	Dated 06/15/2023	Effective Date			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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 9000		
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			
DRILY	254708.17N / 0804218.48W	Y	FB	TF	113.06	04.43			
FROTH	254723.05N / 0803642.52W	Y	FB	TF	087.18	05.06	AT 5000		
KMIA:RWY 8L									
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 9000		
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			
HALER	254701.06N / 0804200.05W	Y	FB	TF	113.06	04.73			
BOZZE	254713.38N / 0803719.94W	Y	FB	TF	087.20	04.22	AT 5000		
KMIA:RWY 8R									
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 9000		
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 9									



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR	Dated 06/15/2023	Effective Date			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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 9000		
PBJAY	255034.47N / 0805113.93W	Y	FB	TF	112.99	04.65	AT/ABOVE 8000		
PIANA	255227.09N / 0802656.47W	Y	FB	TF	085.03	21.99	AT 3000		
KMIA:RWY 12									
Runway Transition									
FROGZ	255447.44N / 0810213.20W	Y		IF					
ENOLE	255216.91N / 0805454.03W	Y	FB	TF	110.73	07.06	11000B16000		
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 11000	AT 250K	
SOFAS	255131.86N / 0803917.68W	Y	FB	TF	086.17	06.35			
HOLEZ	255141.12N / 0803633.69W	Y	FB	TF	086.42	02.47			
JIGGY	255152.11N / 0803348.36W	Y	FB	TF	085.79	02.49	AT/BELOW 11000		
NCLUB	255246.43N / 0801726.15W	Y	FB	TF	086.44	14.79	AT 8000		
GRANN	255335.23N / 0800051.66W	Y	FO	TF	086.83	14.97			
KMIA:RWY 26L,RWY 26R									
Runway Transition									
FROGZ	255447.44N / 0810213.20W	Y		IF					
ENOLE	255216.91N / 0805454.03W	Y	FB	TF	110.73	07.06	11000B16000		
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 11000	AT 250K	
SOFAS	255131.86N / 0803917.68W	Y	FB	TF	086.17	06.35			
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		
MACYS	254447.73N / 0802222.80W	Y	FB	TF	118.18	11.65	AT/ABOVE 8000		



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Arrival Name FROGZ (RNAV)	Number FIVE	STAR Computer Code FROGZ.FROGZ5		Superseded Number FOUR		Dated 06/15/2023	Effective Date		
<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>
REELN	254211.36N / 0801711.85W	Y	FB	TF	119.02	05.35			
OLDDE	254244.60N / 0800757.59W	Y	FO	TF	086.18	08.36	AT 6000		
KMIA:RWY 27				FM	086.18				
Runway Transition									
FROGZ	255447.44N / 0810213.20W	Y		IF					
ENOLE	255216.91N / 0805454.03W	Y	FB	TF	110.73	07.06	11000B16000		
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 11000	AT 250K	
SOFAS	255131.86N / 0803917.68W	Y	FB	TF	086.17	06.35			
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		
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 30				FM	119.06				