

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date				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)	TWO	FROGZ.FROGZ2	ONE	08/12/2021					
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ACORI	ACORI.FROGZ2	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		
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000
BROMO	BROMO.FROGZ2	BROMO	FROGZ	120.72	21.61	9000	1300		
			SCURF	175.04	29.13	FL180	2100		
			PLOWS	170.29	38.10	FL180	2100		AT/ABOVE FL340
			MATNY	144.24	30.36	FL180	2100		
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000
			FROGZ	120.72	21.61	9000	1300		
			DEFUN	DEFUN.FROGZ2	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					



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Arrival Name FROGZ (RNAV)		Number TWO		STAR Computer Code FROGZ.FROGZ2	Superseded Number ONE			Dated 08/12/2021	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000
			FROGZ	120.72	21.61	9000	1300		
GAWKS	GAWKS.FROGZ2	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		
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000
			FROGZ	120.72	21.61	9000	1300		
HONID	HONID.FROGZ2	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		
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000
			FROGZ	120.72	21.61	9000	1300		
MARCI	MARCI.FROGZ2	MARCI	MARCI						AT/ABOVE 15000
			FROGZ	092.96	40.44	9000	1400		
SABEE	SABEE.FROGZ2	SABEE	SABEE						AT/BELOW FL250
			EXACT	175.14	20.01	FL180	2100		
			MATNY	173.12	13.94	FL180	2100		
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280

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Arrival Name FROGZ (RNAV)			Number TWO	STAR Computer Code FROGZ.FROGZ2		Superseded Number ONE			Dated 08/12/2021	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000	
			FROGZ	120.72	21.61	9000	1300			
SCURF	SCURF.FROGZ2	SCURF	SCURF							
			PLOWS	170.29	38.10	FL180	2100		AT/ABOVE FL340	
			MATNY	144.24	30.36	FL180	2100			
			CITAG	142.78	23.67	FL180	2100		BETWEEN FL210 AND FL280	
			BARBN	120.67	22.94	12000	2100		AT/ABOVE 15000	
			FROGZ	120.72	21.61	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. 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. 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: LANDING EAST USE RUNWAY 9 TRANSITION, LANDING WEST USE RUNWAY 30 TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM MIA APPROACH PRIOR TO FROGZ.

CHART NOTE: DO NOT FILE BROMO OR SCURF TRANSITION - TO BE ASSIGNED BY ATC.

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 CITAG: 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.

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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.					
<u>COMMUNICATIONS:</u>					
CHART: MIAMI APP CON					
CHART: MIAMI HOMESTEAD GENERAL AVIATION AWOS.					
<u>AIRPORTS SERVED:</u>					
MIAMI, FL (KMIA)					
HOMESTEAD, FL (KHST)					
MIAMI, FL (KTMB)					
HOMESTEAD, FL (X51)					
MIAMI, FL (KOPF)					
KEY LARGO, FL (07FA)					
<u>LOST COMMUNICATIONS PROCEDURE:</u>					
<u>REMARKS:</u>					
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.					
<u>ADDITIONAL FLIGHT DATA:</u>					
DME/DME ASSESSMENT: SAT (RNP 2.0)					
MAG VAR: KMIA 05W/2000					
CHART AT LLEGG TERMINUS: KMIA LDG RWY 12, 8L/R, 9					
CHART AT WNNER TERMINUS: KMIA LDG RWY 26L/R, 27, 30					
CHART AT HATUG TERMINUS: LDG 07FA/X51/KHST/KTMB					
CHART AT DRIER TERMINUS: LDG KOPF					

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FROGZ (RNAV)	TWO	FROGZ.FROGZ2	ONE	08/12/2021	
<u>FLIGHT INSPECTED BY:</u>					
JAMES HAWLEY		FPO	03/19/2022	<i>Digitally signed by</i> <b>ALLAN WILL</b> Apr 04, 2022	
Name		Organization	Date	Signature	
<u>DEVELOPED BY:</u>					
VICKI TURNER		DESIGN IMPLEMETATION MANAGER E22	11/02/2021	<i>Digitally signed by</i> <b>ALLAN WILL</b> Apr 04, 2022	
Name		Organization	Date	Signature	
<u>APPROVED BY:</u>					
MARLON ROBINSON		AJV-A420		<i>Digitally signed by</i> <b>ALLAN WILL</b> Apr 04, 2022	
Name		Organization	Date	Signature	

CHANGES:

1. REMOVED DANSE, HARAP, AND SUNPS TRANSITIONS
2. ADDED ACORI, BROMO, DEFUN, HONID, MARCI, AND SCURF TRANSITIONS
3. REPLACED BETTL, MATCY, RAKLE, AND HARAP IN GAWKS TRANSITION WITH PLOWS, MATNY, CITAG, AND BARBN
4. REPLACED RAKLE AND HARAP WITH MATNY, CITAG, AND BARBN IN SABEE TRANSITION
5. CHANGED KMIA RWY 12, 8L/R, 9 ARRIVAL ROUTE: REMOVE MABYB, ADD SCHAR; CHANGE TO EXPECT ILS OR RNAV RWY 9 APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE"
6. REMOVED 210 KIAS CROSSING RESTRICTION AT WNNER IN KMIA RWY 26L/R, 27, 30 ARRIVAL ROUTE DESCRIPTION
7. CHANGED FM HEADING ON K07FA/KX51/KHST/KTMB ARRIVAL ROUTE DESCRIPTION FROM 150.00 TO 140.00
8. REMOVED "NOTE: HARAP and SUNPS TRANSITIONS, ATC ASSIGNED ONLY" FROM PROCEDURAL DATA NOTES
9. CHANGED "NOTE: SABEE TRANSITION for TPA AIRPORTS ONLY" TO NOTE: SABEE TRANSITION FOR TRAFFIC DEPARTING KTPA AREA ONLY" FROM PROCEDURAL DATA NOTES
10. REMOVED "NOTE: LANDING ALL SATELLITE AIRPORTS: EXPECT RADAR VECTORS AFTER HATUG" FROM PROCEDURAL DATA NOTES
11. REMOVED "NOTE: LANDING OPF: EXPECT RADAR VECTORS AFTER DRIER" FROM PROCEDURAL DATA NOTES
12. REMOVED "NOTE: MIA LANDING EAST: EXPECT RADAR VECTORS PRIOR TO LLEGG" FROM PROCEDURAL DATA NOTES
13. REMOVED "NOTE: MIA LANDING WEST: EXPECT RADAR VECTORS AFTER WNNER" FROM PROCEDURAL DATA NOTES
14. ADDED "NOTE: BROMO, SCURF ATC ASSIGNED ONLY" TO PROCEDURAL DATA NOTES
15. REMOVED BETTL, DANSE, DUALS, FIRGO, HARAP, AND MATCY HOLDING PATTERNS FROM FIXES AND/OR HOLDING PATTERNS
16. ADDED BARBN, BROMO, CITAG, MARCI, MANTY, AND SCURF HOLDING PATTERNS TO FIXES AND/OR HOLDING PATTERNS
17. CHANGED FROGZ HOLDING PATTERN INBOUND COURSE FROM 139.28 TO 120.72 IN FIXES AND/OR HOLDING PATTERNS
18. REMOVED "CHART FIRGO, DUALS" FROM FIXES AND/OR HOLDING PATTERNS
19. ADDED "CHART IBISS, GRITT, HENDN, RHODZ" TO FIXES AND/OR HOLDING PATTERNS
20. CHANGED "KMIA LANDING EAST: CONTINUE TRACK TO LLEGG, THEN PROCEED DIRECT GRITT, CONDUCT THE ILS OR LOC RWY 9 APPROACH" TO "KMIA LANDING EAST: CONTINUE TO LLEGG, THEN DIRECT GRITT, INTERCEPT THE RUNWAY 9 FINAL APPROACH COURSE, CONDUCT APPROACH" IN LOST COMMUNICATIONS PROCEDURE
21. ADDED AOB FL 250/280 KIAS AT SABEE

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<b>FROGZ (RNAV)</b>	<b>TWO</b>	<b>FROGZ.FROGZ2</b>	<b>ONE</b>	<b>08/12/2021</b>	

- 22. ADDED MOCAS FOR ALL ENROUTE TRANSITION SEGMENTS
- 23. LOWERED MEAS SET AT FL200 TO FL180 IN GAWKS AND SABEE TRANSITION
- 24. REMOVED "TRACK" AND "PROCEED" FROM KMIA LANDING WEST LOST COMMUNICATIONS PROCEDURE

**REASONS:**

- 1. ATC REQUEST
- 2. BROMO AND SCURF ADDED PER ATC REQUEST TO DECONFLICT PROCEDURALLY; ACORI, DEFUN, AND HONID ADDED TO ALLOW TRAFFIC MANAGEMENT INITIATIVES AND SEGREGATE TRAFFIC FLOW; MARCI ADDED FOR ARRIVAL TRAFFIC FROM MEXICO
- 3-4. ATC REQUEST TO REALIGN TRANSITION INTO FROGZ
- 5-6. ATC REQUEST FOR BETTER FLOW INTO ASSIGNED APPROACHES
- 7. AIRSPACE CONSTRAINTS AND DIVERGENCE FROM OTHER TRAFFIC
- 8. TRANSITIONS REMOVED FROM PROCEDURE
- 9. CLARIFICATION ON WHO CAN FILE APPROACH
- 10-13. DUPLICATE INFO IN ARRIVAL ROUTE DESCRIPTION
- 14. ATC REQUEST
- 15. FIXES NO LONGER PART OF PROCEDURE
- 16. FIXES PART OF NEW TRANSITIONS, ATC REQUESTED HOLDING PATTERNS
- 17. ALIGN WITH NEW TRANSITION COURSE
- 18. NO LONGER REQUIRED FOR PROCEDURE
- 19. ATC REQUESTED FIXES
- 20. REMOVED ILS REQUIREMENT FROM LOST COMM PROCEDURE
- 21. ATC REQUEST TO ENSURE CONSISTANCY AT SABEE
- 22. REQUIRED BY CRITERIA
- 23. LOWERED TO LOWEST ALTITUDE REQUIRED TO ENSURE DME/DME RECEPTION
- 24. 8260.19I 4-5-12(H)

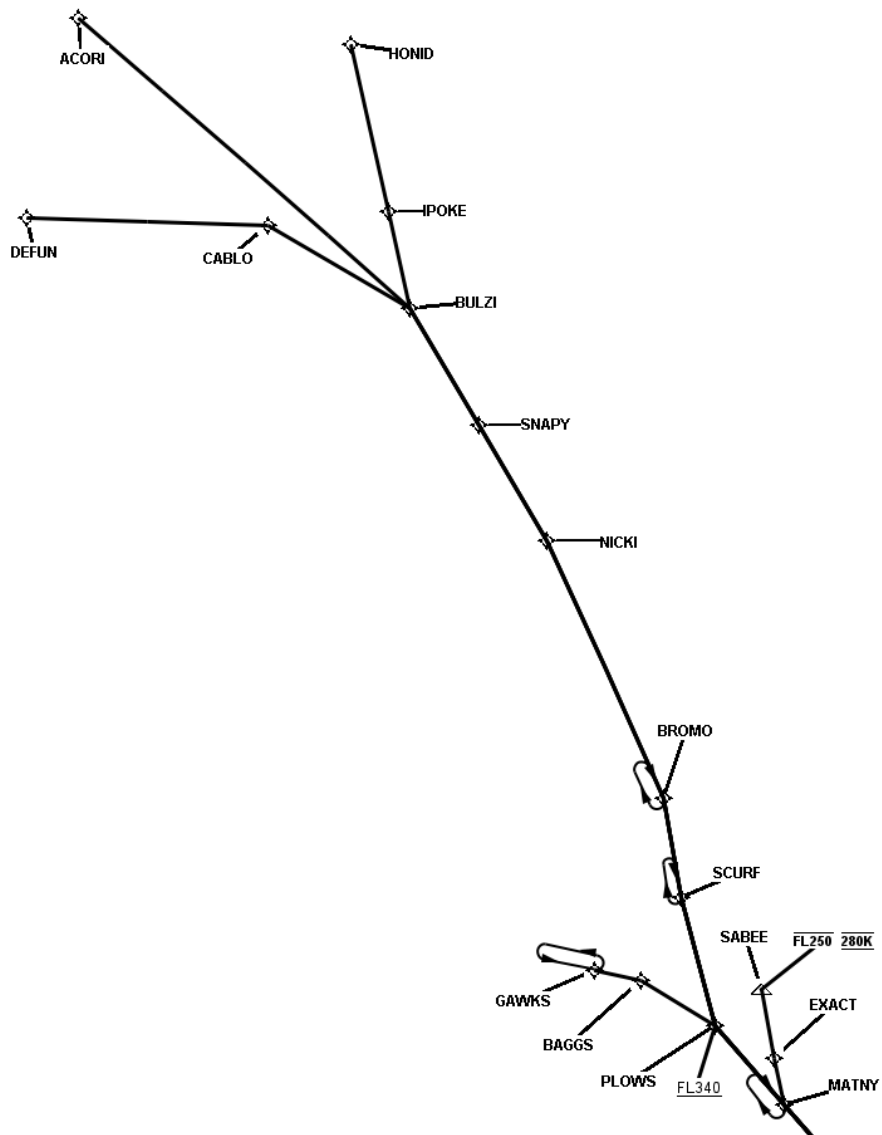
03/23/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/21/22.

- 1. DELETED "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" FROM PROCEDURAL DATA NOTES
- 2. DELETED "NOTE: MIA APPROACH WILL ISSUE LANDING RUNWAY" FROM PROCEDUARL DATA NOTES
- 3. ADDED "NOTE: LANDING EAST USE RUNWAY 9 TRANSITION, LANDING WEST USE RUNWAY 30 TRANSITION. EXPECT RUNWAY ASSIGNMENT FROM MIA APPROACH PRIOR TO FROGZ" TO PROCEDURAL DATA NOTES
- 4. REMOVED NOTE: DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280K. MAINTAIN 280K UNTIL SLOWED BY THE STAR OR ASSIGNED BY ATC" FROM PROCEDURAL DATA NOTES
- 5. CHANGED "NOTE: BROMO, SCURF ATC ASSIGNED ONLY" TO "CHART NOTE: DO NOT FILE BROMO OR SCURF TRANSITION - TO BE ASSIGNED BY ATC" IN PROCEDURAL DATA NOTES
- 6. REMOVED ALL LOST COMMUNICATIONS PROCEDURES
- 7. REMOVED "OR AS ASSIGNED BY ATC" FROM LANDING 07FA/X51/KHST/KTMB AND LANDING KOPF ARRIVAL ROUTE DESCRIPTION
- 8. CHANGED "REFERENCE MAGNETIC VARIATION = KMIA 05W/2000" TO "MAG VAR: KMIA 05W/2000" IN ADDITIONAL FLIGHT DATA
- 9. CHANGED "CHART AT LLEGG TERMINUS: LDG KMIA RWY 12, 8L/R, 9" TO "CHART AT LLEGG TERMINUS: KMIA LDG RWY 12, 8L/R, 9" IN ADDITIONAL FLIGHT DATA
- 10. CHANGED "CHART AT WNNER TERMINUS: LDG KMIA RWY 26L/R, 27, 30" TO "CHART AT WNNER TERMINUS: KMIA LDG RWY 26L/R, 27, 30" IN ADDITIONAL FLIGHT DATA
- 11. REMOVED AIRPORT NAMES FROM AIRPORTS SERVED LIST

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<b>FROGZ (RNAV)</b>	<b>TWO</b>	<b>FROGZ.FROGZ2</b>	<b>ONE</b>	<b>08/12/2021</b>	
<b>Graphic Depiction 1</b>					

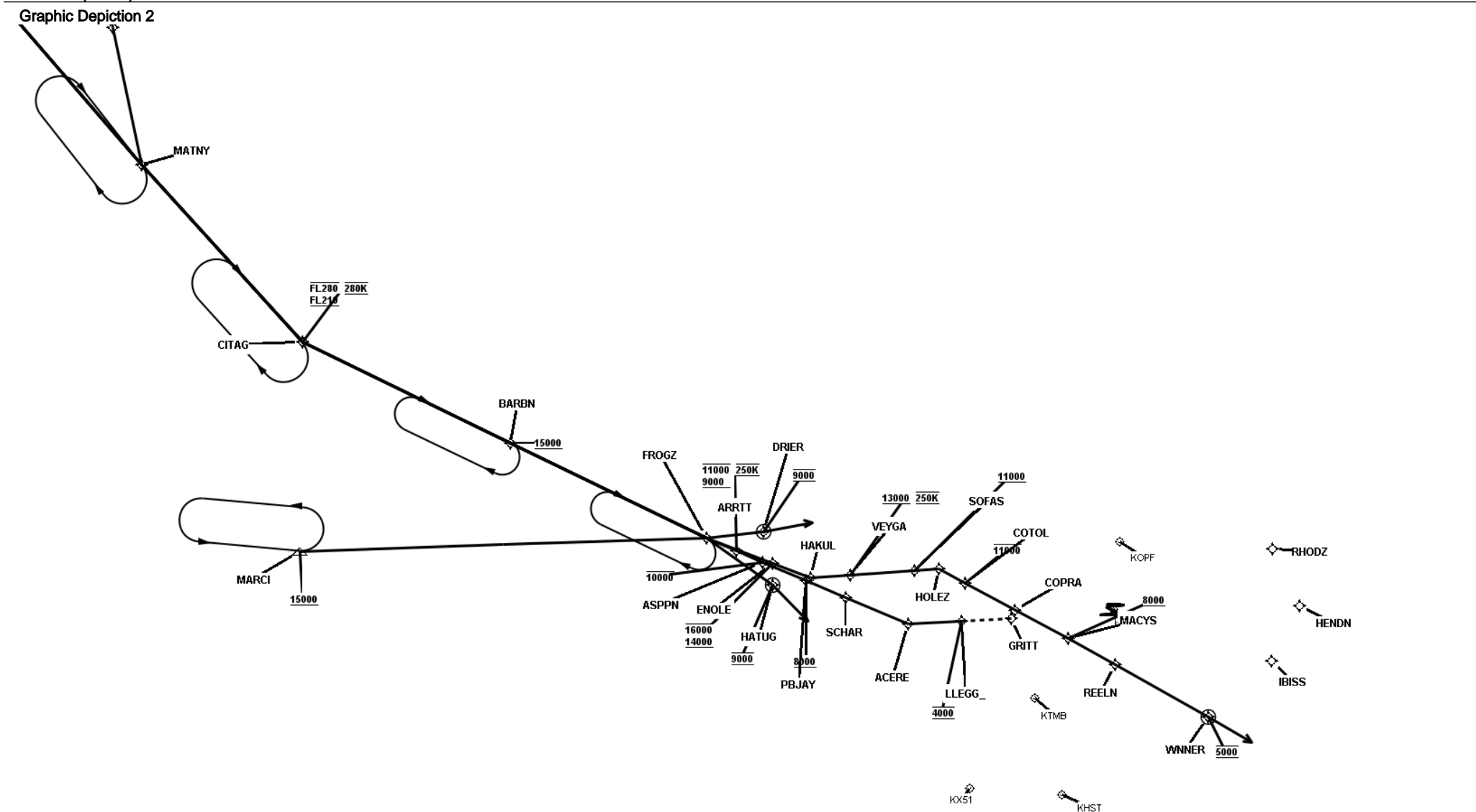


**FROGZ (RNAV)**

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FROGZ (RNAV)	TWO	FROGZ.FROGZ2	ONE	08/12/2021	





FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)		Number TWO		STAR Computer Code FROGZ.FROGZ2		Superseded Number ONE		Dated 08/12/2021	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.FROGZ2
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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
En Route Transition									
BROMO	280038.28N / 0824302.49W	Y		IF					BROMO.FROGZ2
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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
En Route Transition									
DEFUN	304851.27N / 0860753.09W	Y		IF					DEFUN.FROGZ2
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			

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STAR (DATA RECORD)

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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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
En Route Transition									
GAWKS	271053.38N / 0830515.17W	Y		IF					GAWKS.FROGZ2
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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
En Route Transition									
HONID	313850.31N / 0842342.60W	Y		IF					HONID.FROGZ2
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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number TWO		STAR Computer Code FROGZ.FROGZ2		Superseded Number ONE		Dated 08/12/2021		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			AT/ABOVE 15000		MARCI.FROGZ2
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.FROGZ2
EXACT	264529.90N / 0820739.62W	Y	FB	TF	170.14	20.01			
MATNY	263149.04N / 0820427.61W	Y	FB	TF	168.12	13.94			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
En Route Transition									
SCURF	273152.17N / 0823722.51W	Y		IF					SCURF.FROGZ2
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			
CITAG	261413.33N / 0814646.35W	Y	FB	TF	137.78	23.67	FL210BFL280	AT 280K	
BARBN	260413.49N / 0812348.81W	Y	FB	TF	115.67	22.94	AT/ABOVE 15000		
FROGZ	255447.44N / 0810213.20W	Y	FB	TF	115.72	21.61			
Common Route									
FROGZ	255447.44N / 0810213.20W	Y		IF					FROGZ.FROGZ2
HATUG	255006.59N / 0805457.02W	Y	FO	TF	125.41	08.05	AT 9000		
07FA,KHST,KTMB, X51				VM	135.00				

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name FROGZ (RNAV)	Number TWO		STAR Computer Code FROGZ.FROGZ2		Superseded Number ONE		Dated 08/12/2021		Effective Date
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.FROGZ2
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		
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				