

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Arrival Name BHHIA (RNAV)	Number ONE	STAR Computer Code BHHIA.BHHIA1	Superseded Number NONE	Dated	Effective Date 12 AUG 2021				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CANOA	CANOA.BHHIA1	CANOA	CANOA						
			LULLS	070.06	66.30	FL180	1500		
			GRACK	043.80	16.95	FL180	1500		AT/ABOVE FL270
			PYREX	044.21	39.48	15000	1500		AT/ABOVE 15000
			HULKY	045.72	30.96	7000	1500		AT/BELOW 8000
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000
FILCH	FILCH.BHHIA1	FILCH	FILCH						AT/BELOW FL200
			PYREX	351.98	25.48	15000	1500		AT/ABOVE 15000
			HULKY	045.72	30.96	7000	1500		AT/BELOW 8000
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000
HULKY	HULKY.BHHIA1	HULKY	HULKY						AT/BELOW 8000
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000
IKBIX	IKBIX.BHHIA1	IKBIX	IKBIX						
			PEAKY	013.51	35.59	FL180	1500		
			FILCH	352.00	13.54	FL180	1500		AT/BELOW FL200
			PYREX	351.98	25.48	15000	1500		AT/ABOVE 15000
			HULKY	045.72	30.96	7000	1500		AT/BELOW 8000
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000
MAXIM	MAXIM.BHHIA1	MAXIM	MAXIM						
			LULLS	052.66	42.01	FL180	1500		
			GRACK	043.80	16.95	FL180	1500		AT/ABOVE FL270
			PYREX	044.21	39.48	15000	1500		AT/ABOVE 15000
			HULKY	045.72	30.96	7000	1500		AT/BELOW 8000

This is a corrected copy of the procedure published in NFDD 120. **See page 4 for details. **



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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000
PYREX	PYREX.BHHIA1	PYREX	PYREX						AT/ABOVE 15000
			HULKY	045.72	30.96	7000	1500		AT/BELOW 8000
			KERRA	010.31	10.36	6000	1500		AT 7000
			BHHIA	010.32	04.94	6000	1500		AT 7000

ARRIVAL ROUTE DESCRIPTION:

KFLL: FROM BHHIA ON TRACK 034.98/9.35 TO CROSS ADUBE AT 6000.

LANDING KFLL RWY 10L: FROM ADUBE ON TRACK 083.39/18.24 TO CROSS HOLID AT 5000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 10L APPROACH.

LANDING KFLL RWY 10R: FROM ADUBE ON TRACK 085.97/19.06 TO CROSS BUNKR AT 5000. EXPECT ILS OR LOC RWY 10R APPROACH.

LANDING KFLL RWY 28L/R: FROM ADUBE ON TRACK 079.84/22.13 TO FIPKO, THEN ON TRACK 088.62/16.61 TO CROSS BEPAC AT 6000, THEN ON TRACK 092.48/3.00 TO CROSS FAMBA AT 6000, THEN ON HEADING 097.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KFXE/KPMP: FROM BHHIA ON TRACK 034.98/4.50 TO CROSS CEMDI AT 6000, THEN ON TRACK 034.98. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KOPF: FROM BHHIA ON TRACK 034.98/4.50 TO CROSS CEMDI AT 6000, THEN ON HEADING 081.00 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: Expect "descend via" clearance and landing direction (east or west) by ARTCC. For vertical navigation planning, FLL landing east, select Rwy 10R, FLL landing west, select Rwy 28R.

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: FILCH AND HULKY TRANSITIONS, ATC ASSIGNED ONLY.

NOTE: PYREX Transition, for EYW area airports only.

NOTE: FLL landing east: Expect RADAR Vectors after ADUBE.

NOTE: FLL landing west: Expect RADAR Vectors after FAMBA.

NOTE: Landing all Satellite Airports: Expect RADAR Vectors after CEMDI.

NOTE: JET AIRCRAFT ONLY.

PBN REQUIREMENT NOTES:

RNAV 1 – DME/DME/IRU OR GPS.

CANOA TRANSITION, RNP 1 – GPS.

MAXIM TRANSITION, RNP 1 – GPS.

IKBIX TRANSITION, RNP 1 – GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT GRACK: HOLD SW, RT, 044.21 INBOUND, 12 NM LEGS.

CHART HOLDING AT HOLID: HOLD W, LT, 096.22 INBOUND, 4 NM LEGS.

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BHHIA (RNAV)	ONE	BHHIA.BHHIA1	NONE		12 AUG 2021

CHART HOLDING AT HULKY: HOLD SW, RT, 045.72 INBOUND, 10 NM LEGS.
CHART HOLDING AT PAMPR: HOLD SW, LT, 060.48 INBOUND, 10 NM LEGS.
CHART HOLDING AT PYREX: HOLD SW, RT, 044.71 INBOUND, 10 NM LEGS.
CHART: FUZYY

COMMUNICATIONS:

CHART: MIAMI APP CON

AIRPORTS SERVED:

FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL (KFLI)
FORT LAUDERDALE EXECUTIVE, FORT LAUDERDALE, FL (KFXE)
MIAMI-OPA LOCKA EXECUTIVE, MIAMI, FL (KOPF)
POMPANO BEACH AIRPARK, POMPANO BEACH, FL (KPMP)

LOST COMMUNICATIONS PROCEDURE:

KFLI Landing East: Continue track to BUNKR, conduct ILS OR LOC RWY 10R approach.
KFLI Landing West: Continue track to FAMBA, then proceed direct FUZYY, conduct ILS OR LOC RWY 28R approach.

REMARKS 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 SOLUTION.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KFLI 06W/2015
CHART AT HOLID TERMINUS: LDG KFLI RWY 10L
CHART AT BUNKR TERMINUS: LDG KFLI RWY 10R
CHART AT FAMBA TERMINUS: LDG KFLI RWY 28L/R
CHART AT CEMDI TERMINUS: LDG KFXE, KPMP, KOPF

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BHHIA (RNAV)	ONE	BHHIA.BHHIA1	NONE	<i>Digitally signed by</i>	12 AUG 2021
<u>FLIGHT INSPECTED BY:</u>				DONALD H LANIER	
MATTHEW R BUFORD		FICO	05/26/2021	Jun 02, 2021	
Name		Organization	Date	Signature	
<u>DEVELOPED BY:</u>				<i>Digitally signed by</i>	
VICKI TURNER		DESIGN IMPLEMENTATION MANAGER AJV-E22	01/08/2021	DONALD H LANIER	
				Jun 02, 2021	
Name		Organization	Date	Signature	
<u>APPROVED BY:</u>				<i>Digitally signed by</i>	
LONNIE EVERHART		AJV-A430		DONALD H LANIER	
				Jun 02, 2021	
Name		Organization	Date	Signature	

CHANGES:REASONS:

6/7/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/8/21:
CHANGED NOTE FROM NOTE: PYREX TRANSITION, ATC ASSIGNED ONLY AT OR ABOVE FL240. TO NOTE: PYREX TRANSITION, FOR EYW AREA AIRPORTS ONLY.

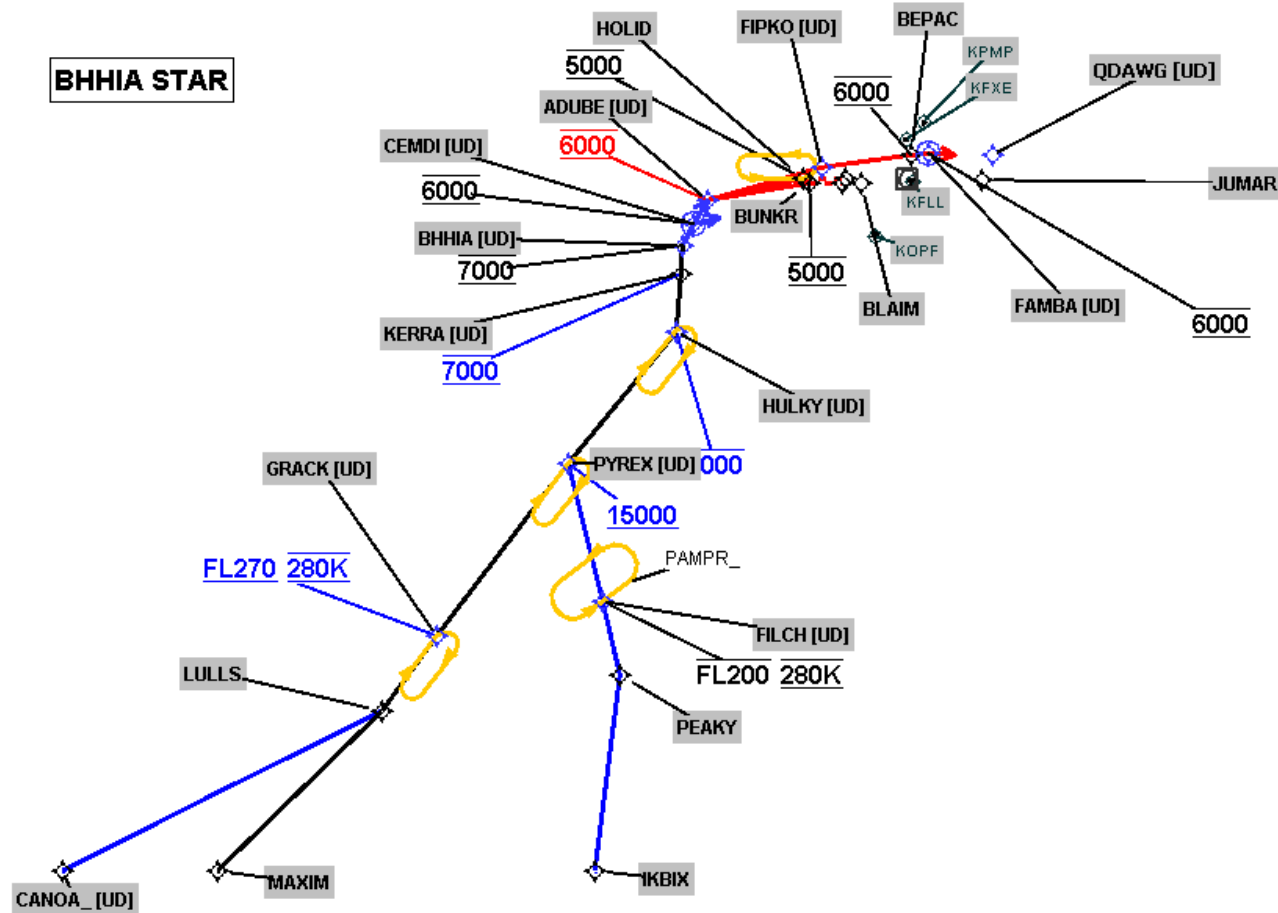
6/29/21. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 6/2/21.

1. CHANGED ALL REFERENCE FROM FUZZY TO FUZZY.

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BHHIA (RNAV)	ONE	BHHIA.BHHIA1	NONE		12 AUG 2021
Graphic Depiction 1					

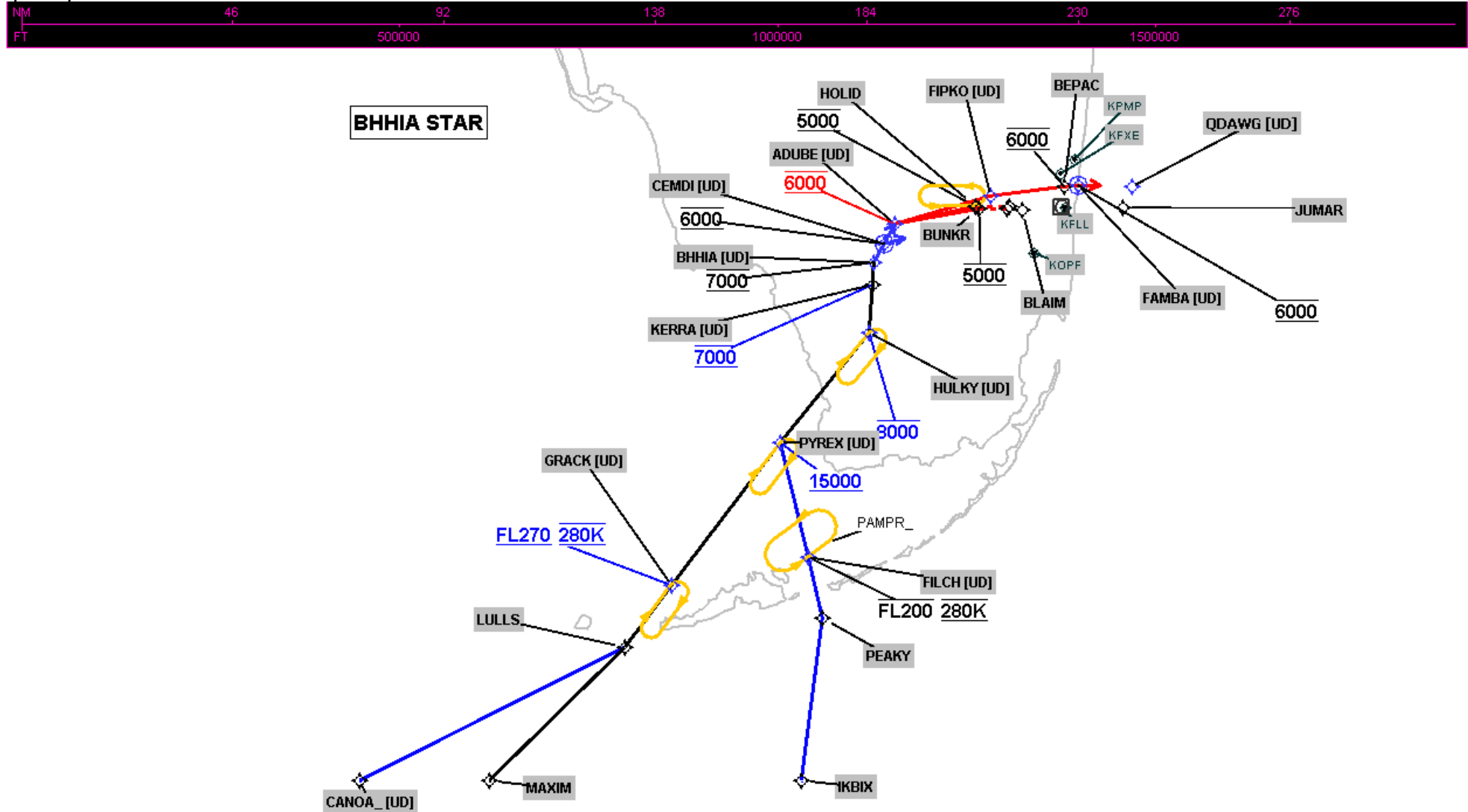


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BHHIA (RNAV)	ONE	BHHIA.BHHIA1	NONE		12 AUG 2021

Graphic Depiction 2

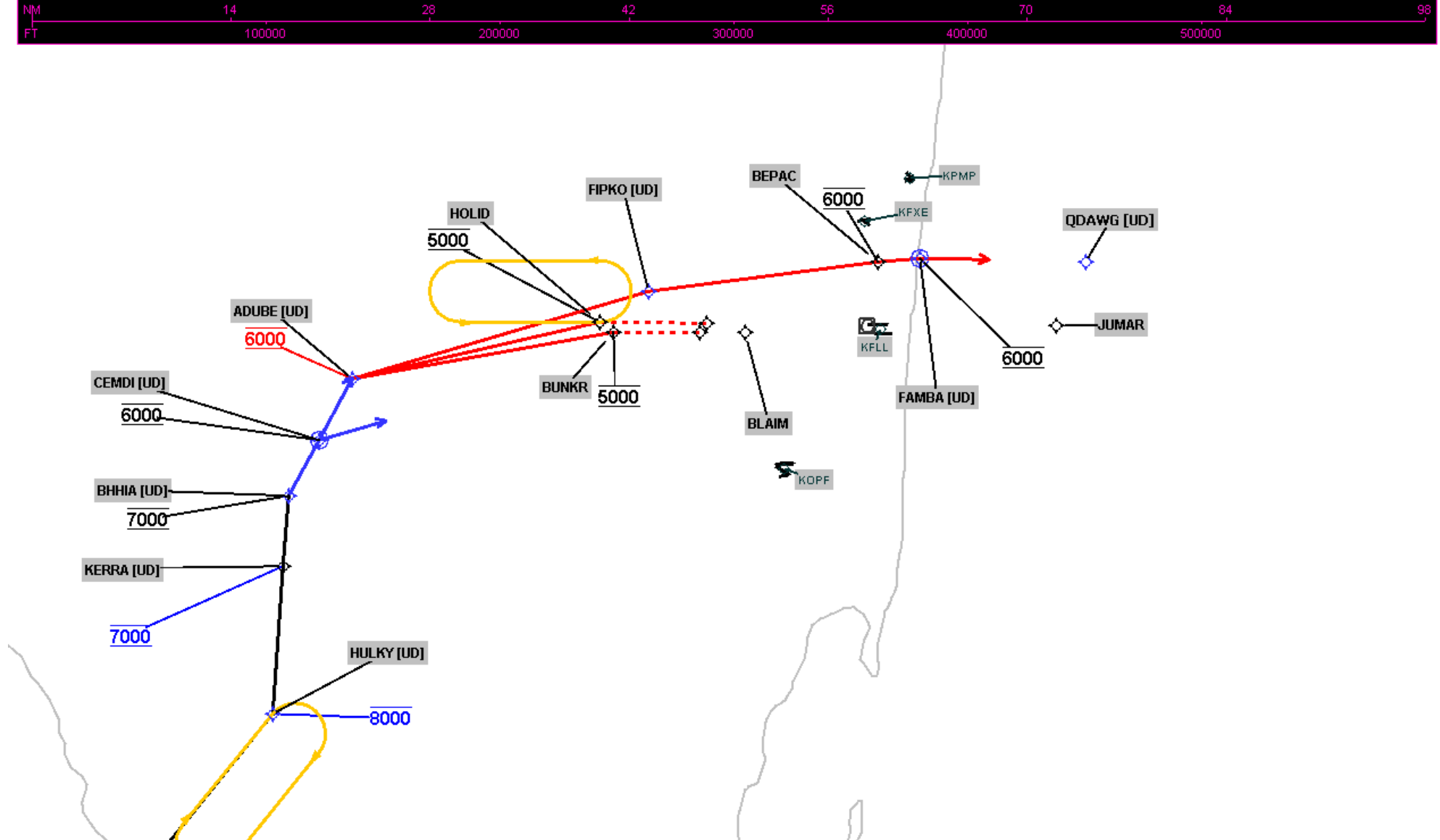


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BHHIA (RNAV)	ONE	BHHIA.BHHIA1	NONE		12 AUG 2021

Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

Arrival Name BHHIA (RNAV)		Number ONE		STAR Computer Code BHHIA.BHHIA1		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.BAHIA1
LULLS	242851.84N / 0815738.55W	Y	FB	TF	064.06	66.30			
GRACK	244217.66N / 0814613.85W	Y	FB	TF	037.80	16.95	AT/ABOVE FL270	AT 280K	
PYREX	251322.29N / 0811918.38W	Y	FB	TF	038.21	39.48	AT/ABOVE 15000		
HULKY	253714.12N / 0805724.85W	Y	FB	TF	039.72	30.96	AT/BELOW 8000		
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		
En Route Transition									
FILCH	244834.39N / 0811229.86W	Y		IF			AT/BELOW FL200	AT 280K	FILCH.BAHIA1
PYREX	251322.29N / 0811918.38W	Y	FB	TF	345.98	25.48	AT/ABOVE 15000		
HULKY	253714.12N / 0805724.85W	Y	FB	TF	039.72	30.96	AT/BELOW 8000		
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		
En Route Transition									
HULKY	253714.12N / 0805724.85W	Y		IF			AT/BELOW 8000		HULKY.BAHIA1
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		
En Route Transition									
IKBIX	240000.00N / 0811400.00W	Y		IF					IKBIX.BAHIA1
PEAKY	243523.72N / 0810853.91W	Y	FB	TF	007.51	35.59			
FILCH	244834.39N / 0811229.86W	Y	FB	TF	346.00	13.54	AT/BELOW FL200	AT 280K	
PYREX	251322.29N / 0811918.38W	Y	FB	TF	345.98	25.48	AT/ABOVE 15000		
HULKY	253714.12N / 0805724.85W	Y	FB	TF	039.72	30.96	AT/BELOW 8000		
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		

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STAR (DATA RECORD)

Arrival Name BHHIA (RNAV)		Number ONE		STAR Computer Code BHHIA.BHHIA1		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									
MAXIM	240000.00N / 0823107.73W	Y		IF					MAXIM.BAHIA1
LULLS	242851.84N / 0815738.55W	Y	FB	TF	046.66	42.01			
GRACK	244217.66N / 0814613.85W	Y	FB	TF	037.80	16.95	AT/ABOVE FL270	AT 280K	
PYREX	251322.29N / 0811918.38W	Y	FB	TF	038.21	39.48	AT/ABOVE 15000		
HULKY	253714.12N / 0805724.85W	Y	FB	TF	039.72	30.96	AT/BELOW 8000		
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		
En Route Transition									
PYREX	251322.29N / 0811918.38W	Y		IF			AT/ABOVE 15000		PYREX.BAHIA1
HULKY	253714.12N / 0805724.85W	Y	FB	TF	039.72	30.96	AT/BELOW 8000		
KERRA	254735.95N / 0805633.04W	Y	FB	TF	004.31	10.36	AT 7000		
BHHIA	255232.49N / 0805608.29W	Y	FB	TF	004.32	04.94	AT 7000		
Common Route									
BHHIA	255232.49N / 0805608.29W	Y		IF			AT 7000		BAHIA.BAHIA1
ADUBE	260044.71N / 0805106.54W	Y	FB	TF	028.98	09.35	AT 6000		
Common Route									
BHHIA	255232.49N / 0805608.29W	Y		IF			AT 7000		BAHIA.BAHIA1
CEMDI	255629.38N / 0805343.17W	Y	FO	TF	028.98	04.50	AT 6000		
KFXE,KPMP				FM	028.98				
Common Route									
BHHIA	255232.49N / 0805608.29W	Y		IF			AT 7000		BAHIA.BAHIA1
CEMDI	255629.38N / 0805343.17W	Y	FO	TF	028.98	04.50	AT 6000		
KOPF				VM	075.00				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
ADUBE	260044.71N / 0805106.54W	Y		IF			AT 6000		
HOLID	260442.92N / 0803120.57W	Y	FB	TF	077.39	18.24	AT 5000	AT 210K	
KFLL:RWY 10L									
Runway Transition									
ADUBE	260044.71N / 0805106.54W	Y		IF			AT 6000		
BUNKR	260402.97N / 0803016.05W	Y	FB	TF	079.97	19.06	AT 5000		
KFLL:RWY 10R									
Runway Transition									
ADUBE	260044.71N / 0805106.54W	Y		IF			AT 6000		
FIPKO	260653.35N / 0802729.92W	Y	FB	TF	073.84	22.13			
BEPAC	260900.59N / 0800911.72W	Y	FB	TF	082.62	16.61	AT 6000		
FAMBA	260911.63N / 0800552.06W	Y	FO	TF	086.48	03.00	AT 6000		
KFLL:RWY 28L,RWY 28R				VM	091.00				