

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Arrival Name CPTAN (RNAV)	Number TWO	STAR Computer Code CPTAN.CPTAN2	Superseded Number ONE	Dated 08/12/2021	Effective Date 19 May 2022				
TRANSITION ROUTES:									
This is a corrected copy of the procedure published in NFDD 069. ** See page 4 for details. **									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BORRD	BORRD.CPTAN2	BORRD	BORRD						AT/ABOVE FL240
			FALTI	166.37	16.22	FL180	1600		AT/ABOVE FL180
			CAARL	160.78	11.67	6000	1600		AT/ABOVE 14000
			CPTAN	160.82	15.20	6000	1300		BETWEEN 10000 AND 11000
KENLL	KENLL.CPTAN2	KENLL	KENLL						
			JOEYY	166.05	39.69	FL180	1600		
			ROTOW	166.20	20.00	FL180	1600		
			STEPP	166.26	23.22	FL180	1600		AT/ABOVE FL250
			BORRD	166.33	22.41	FL180	1600		AT/ABOVE FL240
			FALTI	166.37	16.22	FL180	1600		AT/ABOVE FL180
			CAARL	160.78	11.67	6000	1600		AT/ABOVE 14000
			CPTAN	160.82	15.20	6000	1300		BETWEEN 10000 AND 11000
WAMBI	WAMBI.CPTAN2	WAMBI	WAMBI						
			CPTAN	207.94	108.06	6000	1300		BETWEEN 10000 AND 11000
WOPNR	WOPNR.CPTAN2	WOPNR	WOPNR						
			DEBRL	188.27	79.66	10000	1700		
			EBAYY	166.23	99.68	10000	1700		
			CPTAN	150.98	34.41	6000	1600		BETWEEN 10000 AND 11000

ARRIVAL ROUTE DESCRIPTION:

KPBI: FROM CPTAN ON TRACK 162.56/7.82 TO CROSS SNKLR AT OR ABOVE 6000.

LANDING KPBI RWY 10L, 14: FROM SNKLR ON TRACK 162.09/12.05 TO CROSS FRWAY AT 4000, THEN ON TRACK 223.68/8.01 TO JUUNO, THEN ON TRACK 224.00/3.01 TO CROSS SANZZ AT 4000 AND AT 210 KIAS, THEN ON TRACK 271.41/5.00 TO CROSS DLMAN AT 4000, THEN ON TRACK 271.41. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPBI RWY 28R: FROM SNKLR ON TRACK 162.09/12.05 TO CROSS FRWAY AT 4000, THEN ON TRACK 175.90/9.07 TO CROSS HETMO AT 4000 AND AT 210 KIAS, THEN ON TRACK 176.57/2.62 TO TROLN, THEN ON TRACK 099.00/3.04 TO CROSS WTCAP AT 4000, THEN ON TRACK 099.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPBI RWY 32: FROM SNKLR ON TRACK 162.09/12.05 TO CROSS FRWAY AT 4000, THEN ON TRACK 175.90/9.07 TO CROSS HETMO AT 4000 AND AT 210 KIAS, THEN ON TRACK 175.35/9.65 TO EHMON, THEN ON TRACK 141.33/4.38 TO CROSS KIDGE AT 4000, THEN ON TRACK 141.33. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.



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CPTAN (RNAV)	TWO	CPTAN.CPTAN2	ONE	08/12/2021	19 May 2022

LANDING 06FA: FROM CPTAN ON TRACK 162.56/7.82 TO CROSS SNKLR AT OR ABOVE 6000, THEN ON TRACK 180.00/11.40 TO CROSS AMILA AT 4000, THEN ON HEADING 270.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KBCT: FROM CPTAN ON TRACK 162.56/7.82 TO CROSS SNKLR AT OR ABOVE 6000, THEN ON TRACK 177.58/14.71 TO CROSS KLUBZ AT 5000, THEN ON TRACK 223.66/3.54 TO JUUNO, THEN ON TRACK 203.82/4.37 TO HUSPU, THEN ON TRACK 182.59/9.90 TO JESNA, THEN ON TRACK 209.47/2.92 TO CROSS WHILE AT 5000, THEN ON HEADING 210.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KFXE/KPMP: FROM CPTAN ON TRACK 162.56/7.82 TO CROSS SNKLR AT OR ABOVE 6000, THEN ON TRACK 177.58/14.71 TO CROSS KLUBZ AT 5000, THEN ON TRACK 223.66/3.54 TO JUUNO, THEN ON TRACK 203.82/4.37 TO HUSPU, THEN ON TRACK 182.59/9.90 TO JESNA, THEN ON TRACK 168.10/11.49 TO CROSS SPNER AT 5000, THEN ON TRACK 192.11/7.68 TO CROSS IMAPY AT 4000, THEN ON TRACK 192.11. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS. WAMBI TRANSITION: GPS

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY.

NOTE: WAMBI Transition for KFXE/KPMP arrivals ONLY.

NOTE: BORRD Transition for KMCO, KORL, KSFB, KISM, KLEE departures only.

CHART NOTE: DO NOT FILE WOPNR TRANSITION - TO BE ASSIGNED BY ATC

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BORRD: HOLD N, LT, 166.33 INBOUND, 10 NM LEGS.

CHART HOLDING AT CPTAN: HOLD N, LT, 160.78 INBOUND, 10 NM LEGS.

CHART HOLDING AT FALT: HOLD N, LT, 166.37 INBOUND, 10 NM LEGS.

CHART HOLDING AT JOEYY: HOLD N, RT, 166.07 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: PALM BEACH APP CON.

AIRPORTS SERVED:

WEST PALM BEACH, FL (KPBI)

BOCA RATON, FL (KBCT)

FORT LAUDERDALE, FL (KFXE)

POMPANO BEACH, FL (KPMP)

JUPITER, FL (06FA)

LOST COMMUNICATIONS PROCEDURE:



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CPTAN (RNAV)	TWO	CPTAN.CPTAN2	ONE	08/12/2021	19 May 2022

REMARKS:

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

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0) REFERENCE
MAG VAR: KPBI 06W/2010
Chart at DLMAN TERMINUS: KPBI LDG RWY 14 10L.
Chart at WTCAP Terminus: KPBI LDG RWY 28R.
Chart at KIDGE Terminus: KPBI LDG RWY 32.
Chart at AMILA Terminus: LDG 06FA
Chart at WHILE Terminus: LDG KBCT
Chart at IMAPY Terminus: LDG KFXE/KPMP

FLIGHT INSPECTED BY:

GARY BELL

Name

FIOG

Organization

03/17/2022

Date

Digitally signed by

DAVID TEFFETELLER

Signature

Apr 08, 2022

DEVELOPED BY:

FRANK MOORE

Name

AJV-A433

Organization

01/25/2022

Date

Digitally signed by

DAVID TEFFETELLER

Apr 08, 2022

Signature

APPROVED BY:

LONNIE EVERHART

Name

AJV-A430

Organization

Date

Digitally signed by

DAVID TEFFETELLER

Signature

Apr 08, 2022

CHANGES:

1. REMOVED "EXPECT" NOTES: NOTE: PBI LandingRwys 10L/14: Expect RADAR Vectors after DLMAN. NOTE: PBI Landing Rwy 32: Expect RADAR Vectors after KIDGE. NOTE: PBI Landing Rwy 28R: Expect RADAR Vectors after WTCAP. NOTE: Landing FXE and PMP: Expect RADAR Vectors after IMAPY. NOTE: Landing BCT: Expect RADAR Vectors after WHILE. NOTE: Landing 06FA: Expect RADAR Vectors after AMILA.
2. REMOVED: NOTE: Descend via MACH number until intercepting 280K. Maintain 280K until slowed by the STAR or assigned by ATC.
3. ADDED: New WOPNER Enroute Transitions with associated NOTES.
4. ADDED: New WAMBI Enroute Transitions with associated NOTES.
5. ADDED: New waypoints; CAARL, AOA 14000; STEPP, AOA FL250; ROTOW to KENLL Transition.
6. CHANGED: BORRD Restriction from AOA FL210 to AOA FL240/280KIAS.
7. CHANGED: FALTI Restriction from AOB 17000 to AOA FL180 AND REMOVED SPEED RESTRICTION.
8. MOVED: WTCAP WAYPOINT.

QUALITY
14
CHECKED

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CPTAN (RNAV)	TWO	CPTAN.CPTAN2	ONE	08/12/2021	19 May 2022

9. REPLACED TUNNE WP WITH JUNNO WP.
10. ADDED: PBN REQUIREMENTS NOTE: WAMBI TRANSITION RNAV GPS-1
11. REMOVED: LOST COMMUNICATIONS PROCEDURE.
12. REMOVED: LIDRE FIX.
13. ADDED: NOTE: BORRD Transition for KMCO, KORL, KSFB, KISM, KLEE departures only.

REASONS:

1. CHART NOTE Criteria.
2. ATC Request, improve efficiency and traffic flow.
3. Avoid rocket launch.
4. Provide separate transition for KFXE and KPMP.
5. Additional points to join procedure during inclement weather.
- 6-7. Increased efficiency and improved traffic flow.
8. Leg Length failure.
9. Same position as an existing waypoint.
10. Lack of DME/DME coverage.
11. Lost communications procedure not required IAW 8260.19I PARA 4-5-1o.
12. LIDRE no longer used for CPTAN (RNAV).
13. ATC request, complies with ADRs.

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

1. REMOVED ALL AIRPORT NAMES FROM AIRPORTS SERVED.
2. PBN REQUIREMENTS NOTE CHANGED FROM WAMBI TRANSITION: RNAV 1 - GPS TO WAMBI TRANSITION: GPS.
3. DELETED NOTE: WOPNR Transition ATC ASSIGNED ONLY.
4. REMOVED "OR AS ASSIGNED BY ATC" IN ARRIVAL TEXT FOR LANDING 06FA AND LANDING KBCT TRANSITIONS.

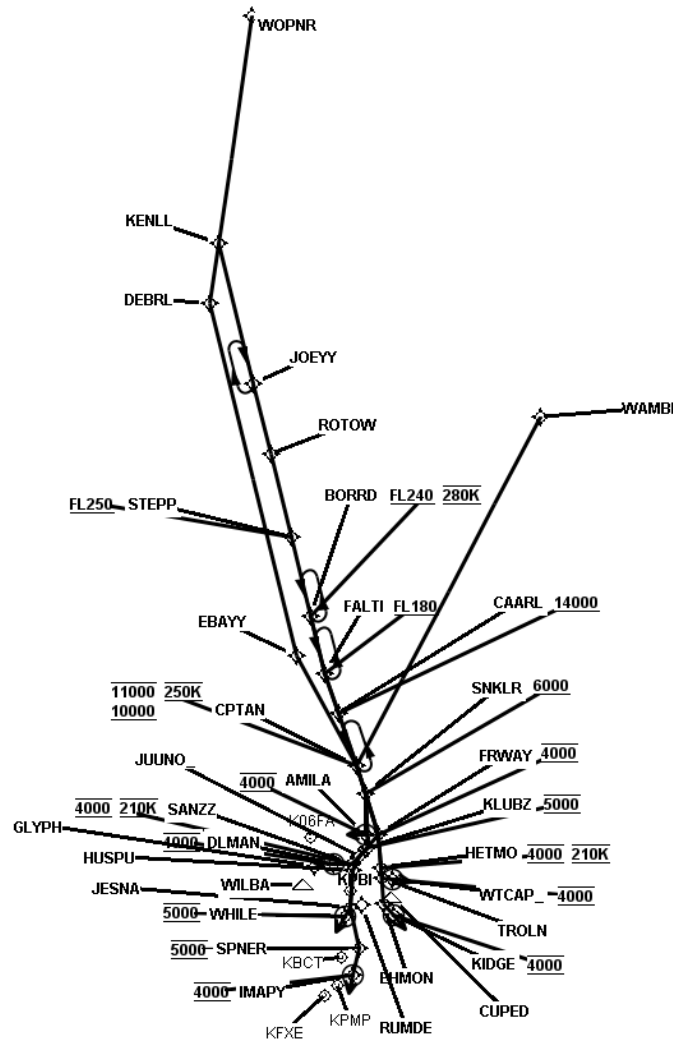
04/08/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/23/22.

1. PBN REQUIREMENTS NOTE CHANGED TO READ RNAV 1 - DME/DME/IRU OR GPS. WAMBI TRANSITION: GPS.
2. ADDED CHART NOTE: DO NOT FILE WOPNR TRANSITION - TO BE ASSIGNED BY ATC.



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Graphic Depiction 1

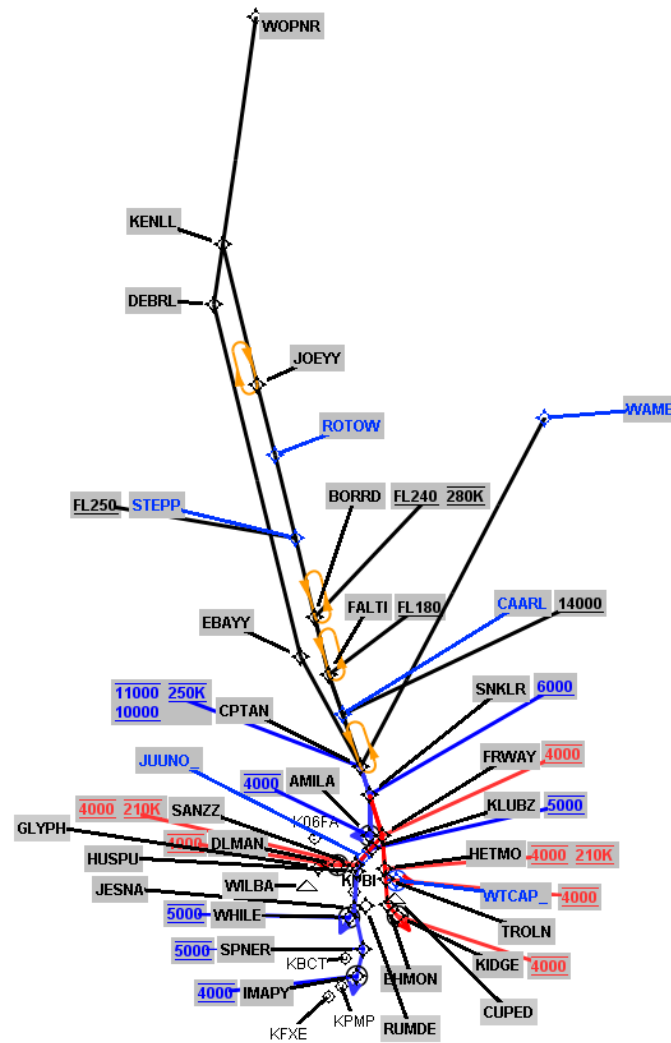


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Graphic Depiction 2

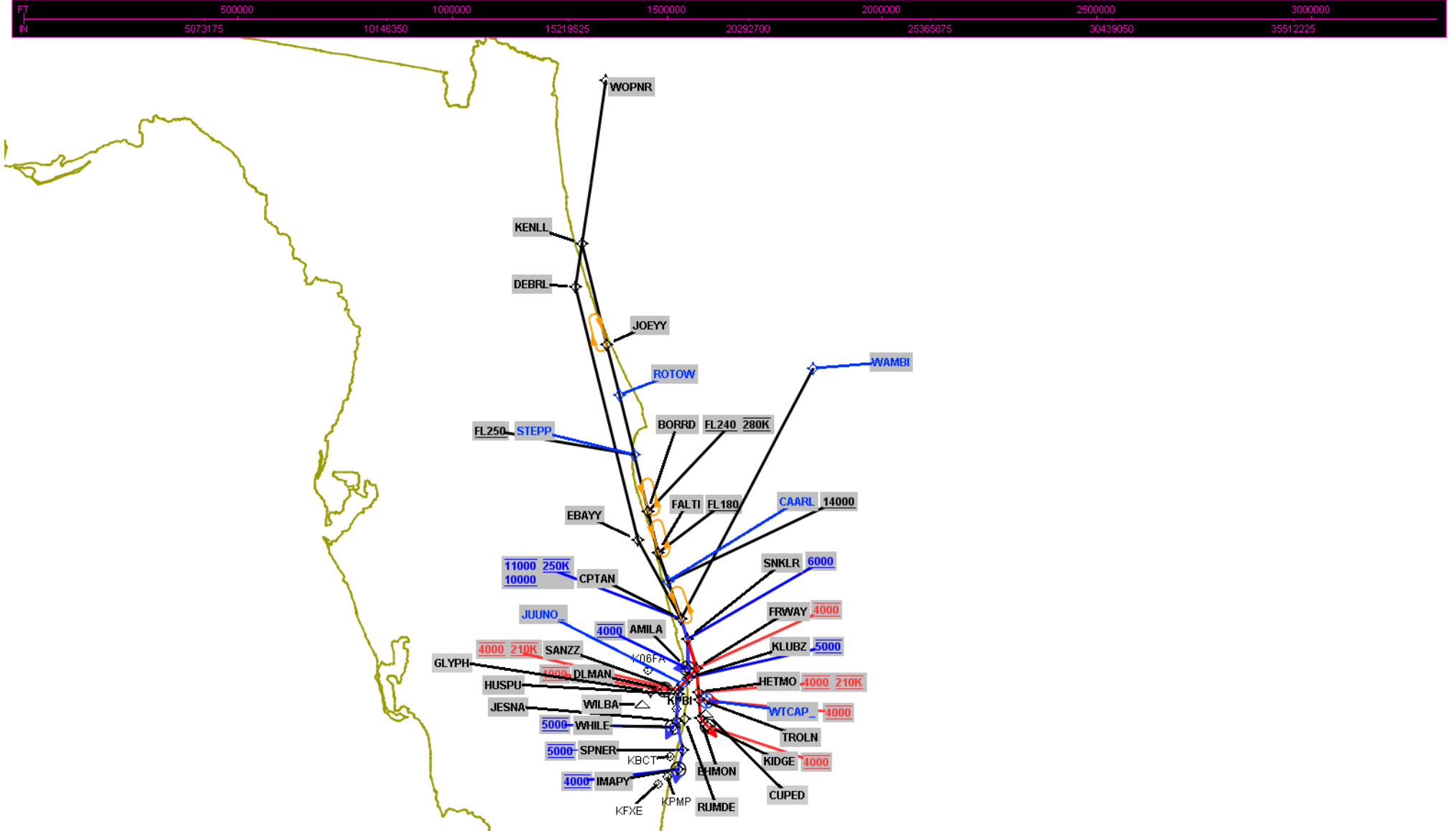


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CPTAN (RNAV)	TWO	CPTAN.CPTAN2	ONE	08/12/2021	19 May 2022

Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

Arrival Name CPTAN (RNAV)		Number TWO		STAR Computer Code CPTAN.CPTAN2		Superseded Number ONE		Dated 08/12/2021	Effective Date 19 May 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BORRD	275505.88N / 0802653.15W	Y		IF			AT/ABOVE FL240	AT 280K	BORRD.CPTAN2
FALTI	273946.37N / 0802044.84W	Y	FB	TF	160.37	16.22	AT/ABOVE FL180		
CAARL	272910.78N / 0801509.24W	Y	FB	TF	154.78	11.67	AT/ABOVE 14000		
CPTAN	271522.91N / 0800753.90W	Y	FB	TF	154.82	15.20	10000B11000	AT 250K	
En Route Transition									
KENLL	293428.35N / 0810725.26W	Y		IF					KENLL.CPTAN2
JOEYY	285703.01N / 0805159.06W	Y	FB	TF	160.05	39.69			
ROTOW	283810.82N / 0804417.05W	Y	FB	TF	160.20	20.00			
STEPP	281615.75N / 0803524.09W	Y	FB	TF	160.26	23.22	AT/ABOVE FL250		
BORRD	275505.88N / 0802653.15W	Y	FB	TF	160.33	22.41	AT/ABOVE FL240	AT 280K	
FALTI	273946.37N / 0802044.84W	Y	FB	TF	160.37	16.22	AT/ABOVE FL180		
CAARL	272910.78N / 0801509.24W	Y	FB	TF	154.78	11.67	AT/ABOVE 14000		
CPTAN	271522.91N / 0800753.90W	Y	FB	TF	154.82	15.20	10000B11000	AT 250K	
En Route Transition									
WAMBI	285600.80N / 0792235.72W	Y		IF					WAMBI.CPTAN2
CPTAN	271522.91N / 0800753.90W	Y	FB	TF	201.94	108.06	10000B11000	AT 250K	
En Route Transition									
WOPNR	303736.03N / 0810426.44W	Y		IF					WOPNR.CPTAN2
DEBRL	291748.73N / 0810802.88W	Y	FB	TF	182.27	79.66			
EBAYY	274340.20N / 0803003.59W	Y	FB	TF	160.23	99.68			
CPTAN	271522.91N / 0800753.90W	Y	FB	TF	144.98	34.41	10000B11000	AT 250K	
Common Route									
CPTAN	271522.91N / 0800753.90W	Y		IF			10000B11000	AT 250K	CPTAN.CPTAN2
SNKLR	270810.96N / 0800424.56W	Y	FB	TF	156.56	07.82	AT/ABOVE 6000		

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name CPTAN (RNAV)		Number TWO		STAR Computer Code CPTAN.CPTAN2		Superseded Number ONE		Dated 08/12/2021	Effective Date 19 May 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
CPTAN	271522.91N / 0800753.90W	Y		IF			10000B11000	AT 250K	CPTAN.CPTAN2
SNKLR	270810.96N / 0800424.56W	Y	FB	TF	156.56	07.82	AT/ABOVE 6000		
AMILA	265648.90N / 0800304.61W	Y	FO	TF	174.00	11.40	AT 4000		
K06FA				VM	264.00				
Common Route									
CPTAN	271522.91N / 0800753.90W	Y		IF			10000B11000	AT 250K	CPTAN.CPTAN2
SNKLR	270810.96N / 0800424.56W	Y	FB	TF	156.56	07.82	AT/ABOVE 6000		
KLUBZ	265335.21N / 0800200.01W	Y	FB	TF	171.58	14.71	AT 5000		
JUUNO	265046.47N / 0800425.15W	Y	FB	TF	217.66	03.54			
HUSPU	264636.21N / 0800554.80W	Y	FB	TF	197.82	04.37			
JESNA	263641.54N / 0800515.39W	Y	FB	TF	176.59	09.90			
WHILE	263400.39N / 0800633.18W	Y	FO	TF	203.47	02.92	AT 5000		
KBCT				VM	204.00				
Common Route									
CPTAN	271522.91N / 0800753.90W	Y		IF			10000B11000	AT 250K	CPTAN.CPTAN2
SNKLR	270810.96N / 0800424.56W	Y	FB	TF	156.56	07.82	AT/ABOVE 6000		
KLUBZ	265335.21N / 0800200.01W	Y	FB	TF	171.58	14.71	AT 5000		
JUUNO	265046.47N / 0800425.15W	Y	FB	TF	217.66	03.54			
HUSPU	264636.21N / 0800554.80W	Y	FB	TF	197.82	04.37			
JESNA	263641.54N / 0800515.39W	Y	FB	TF	176.59	09.90			
SPNER	262543.72N / 0800119.40W	Y	FB	TF	162.10	11.49	AT 5000		
IMAPY	261804.11N / 0800213.95W	Y	FO	TF	186.11	07.68	AT 4000		
KFXE,KPMP				FM	186.11				
Runway Transition									
SNKLR	270810.96N / 0800424.56W	Y		IF			AT/ABOVE 6000		
FRWAY	265708.04N / 0795856.71W	Y	FB	TF	156.09	12.05	AT 4000		

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
JUUNO	265046.47N / 0800425.15W	Y	FB	TF	217.68	08.01			
SANZZ	264823.51N / 0800629.59W	Y	FB	TF	218.00	03.01	AT 4000	AT 210K	
DLMAN	264759.30N / 0801203.78W	Y	FO	TF	265.41	05.00	AT 4000		
KPBI:RWY 10L,RWY 14				FM	265.41				

Runway Transition

SNKLR	270810.96N / 0800424.56W	Y		IF			AT/ABOVE 6000		
FRWAY	265708.04N / 0795856.71W	Y	FB	TF	156.09	12.05	AT 4000		
HETMO	264810.68N / 0795710.08W	Y	FB	TF	169.90	09.07	AT 4000	AT 210K	
TROLN	264535.18N / 0795641.32W	Y	FB	TF	170.57	02.62			
WTCAP	264525.57N / 0795317.99W	Y	FO	TF	093.00	03.04	AT 4000		
KPBI:RWY 28R				FM	093.00				

Runway Transition

SNKLR	270810.96N / 0800424.56W	Y		IF			AT/ABOVE 6000		
FRWAY	265708.04N / 0795856.71W	Y	FB	TF	156.09	12.05	AT 4000		
HETMO	264810.68N / 0795710.08W	Y	FB	TF	169.90	09.07	AT 4000	AT 210K	
EHMON	263840.12N / 0795510.74W	Y	FB	TF	169.35	09.65			
KIDGE	263532.51N / 0795144.49W	Y	FO	TF	135.33	04.38	AT 4000		
KPBI:RWY 32				FM	135.33				