

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Arrival Name DADES (RNAV)	Number EIGHT	STAR Computer Code DADES.DADES8	Superseded Number SEVEN	Dated 04/22/2021	Effective Date 2 DEC 2021				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BEAUX	BEAUX.DADES8	BEAUX	BEAUX						
			ZINGR	255.42	33.72	FL180	2800		
			WORAK	252.63	11.29	16000	2800		
			ZOPER	252.53	09.20	14000	2800		
			CAMKO	250.05	13.23	14000	2800		
			ROSTR	249.94	09.40	13000	1800		
			HNING	270.94	31.95	10000	1800		
			DADES	258.17	17.98	4000	1800		
EDISN	EDISN.DADES8	EDISN	EDISN						
			OLENE	179.02	39.97	12000	2100		
			MARVI	184.23	06.01	10000	1800		
			KOKOH	184.03	06.77	6000	1800		
			DADES	184.33	09.79	4000	1800		
HIBAC	HIBAC.DADES8	HIBAC	HIBAC						
			BEAUX	255.99	22.64	FL200	2800		
			ZINGR	255.42	33.72	FL180	2800		
			WORAK	252.63	11.29	16000	2800		
			ZOPER	252.53	09.20	14000	2800		
			CAMKO	250.05	13.23	14000	2800		
			ROSTR	249.94	09.40	13000	1800		
			HNING	270.94	31.95	10000	1800		
			DADES	258.17	17.98	4000	1800		
JAYJA	JAYJA.DADES8	JAYJA	JAYJA						
			EDISN	179.01	11.00	12000	2100		
			OLENE	179.02	39.97	12000	2100		
			MARVI	184.23	06.01	10000	1800		
			KOKOH	184.03	06.77	6000	1800		

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Arrival Name DADES (RNAV)			Number EIGHT	STAR Computer Code DADES.DADES8	Superseded Number SEVEN			Dated 04/22/2021	Effective Date 2 DEC 2021
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			DADES	184.33	09.79	4000	1800		
NICCK	NICCK.DADES8	NICCK	NICCK						
			DRUDJ	179.56	28.50	16000	1900		
			ROSTR	224.05	17.30	13000	1900		
			HNING	270.94	31.95	10000	1800		
			DADES	258.17	17.98	4000	1800		

ARRIVAL ROUTE DESCRIPTION:

LANDING KTPA RWY 1L/R: FROM DADES ON TRACK 225.20/4.90 TO LZARD, THEN ON TRACK 225.17/8.09 TO LISAF, THEN ON TRACK 186.23/12.33 TO GUZDA, THEN ON TRACK 186.08/4.41 TO CROSS BORST AT 5000 AND AT 210 KIAS, THEN ON TRACK 186.28/13.48 TO CROSS JSTRM AT 5000 AND AT 210 KIAS, THEN ON HEADING 186.28 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KTPA RWY 19L/R: FROM DADES ON TRACK 225.20/4.90 TO LZARD, THEN ON TRACK 267.57/4.83 TO CROSS JKBAL AT 6000 AND AT 230 KIAS, THEN ON HEADING 276.70 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPIE/KMCF/KVDF: FROM DADES ON TRACK 184.34/2.51 TO GSPAR, THEN ON TRACK 180.00. 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: Primary landing Rwy 1 L/R, 19L/R.

NOTE: TPA Landing North: Expect RADAR Vectors prior to JSTRM.

NOTE: TPA Landing South: Expect RADAR Vectors prior to JKBAL.

NOTE: Landing all Satellite Airports: Expect RADAR Vectors prior to GSPAR.

NOTE: EDISN, BEAUX and NICCK Transitions, ATC Assigned only.

NOTE: JET AND TURBOPROP AIRCRAFT ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT EDISN: HOLD N, LT, 179.01 INBOUND, 10 NM LEGS.

CHART HOLDING AT HUNKR: HOLD N, RT, 158.74 INBOUND, 10 NM LEGS.

CHART HOLDING AT OLENE: HOLD N, LT, 179.02 INBOUND, 10 NM LEGS.

CHART HOLDING AT ZINGR: HOLD E, LT, 255.42 INBOUND, 10 NM LEGS.

CHART HUNKR, FADDI, LAGOO, FELOM, VENNU.



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DADES (RNAV)	EIGHT	DADES.DADES8	SEVEN	04/22/2021	2 DEC 2021

COMMUNICATIONS:

CHART: TAMPA APP CON

AIRPORTS SERVED:

TAMPA INTL, TAMPA, FL (KTPA)
MACDILL AFB, TAMPA, FL (KMCF)
ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL (KPIE)
TAMPA EXECUTIVE, TAMPA, FL (KVDF)

LOST COMMUNICATIONS PROCEDURE:

KTPA LANDING NORTH: Continue track to FELOM, proceed direct LAGOO, conduct Rwy 01L approach.
KTPA LANDING SOUTH: Continue track to VENNU, proceed direct FADDI, conduct Rwy 19R approach.

REMARKS:

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.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KTPA 05W/2010
CHART AT JSTRM TERMINUS: KTPA LDG RWY 1L/R.
CHART AT JKBAL TERMINUS: KTPA LDG RWY 19L/R.
CHART AT GSPAR TERMINUS: LDG KPIE,KMCF,KVDF.

FLIGHT INSPECTED BY:

MATTHEW R. BUFFORD
Name

FPO
Organization

09/22/2021
Date

Digitally signed by

JOHN BORDY

Oct 08, 2021

DEVELOPED BY:

VICKI TURNER
Name

DESIGN IMPLEMENTATION MANAGER,
AJV22
Organization

05/18/2021
Date

Digitally signed by

JOHN BORDY

Oct 08, 2021

APPROVED BY:

MARLON ROBINSON
Name

MANAGER, AJV-A420
Organization

Date

Digitally signed by

JOHN BORDY

Oct 08, 2021

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DADES (RNAV)	EIGHT	DADES.DADES8	SEVEN	04/22/2021	2 DEC 2021

CHANGES:

1. ADDED CROSSING ALTITUDE (5000) AND 210 KIAS at JSTRM.
2. REMOVED ALTITUDE (AOB FL260) at EDISN.
3. REMOVED ALTITUDE (13000) at OLENE.
4. REMOVED ALTITUDE (17000) at DRUDJ.
5. ARRIVAL ROUTE DESCRIPTION LANDING KPJE/KMCF/KVDF: CHANGED TRACK 184.34 TO 180.00.
6. CHARTED FIXES FADDI, LAGOO, FELOM AND VENNU.
7. REWORDED LAST PORTION OF LOST COMMUNICATIONS INSTRUCTIONS FOR BOTH RWYS: CHANGED FROM 'INTERCEPT RWY 01L FINAL APPROACH COURSE' TO READ 'CONDUCT RWY 01L APPROACH' AND 'INTERCEPT RWY 19R FINAL APPROACH COURSE' TO READ 'CONDUCT RWY 19R APPROACH'.
8. ADDED CROSSING ALTITUDE AT JKBAL AT 6000 AND AT 230 KIAS.
9. CHANGED NOTE FROM "TURBOJET AND TURBOPROP AIRCRAFT ONLY" TO "JET AND TURBOPROP AIRCRAFT ONLY".
10. CHANGED MOCA:
BEAUX TO WORAK: FROM 1300 TO 2800.
WORAK TO ZOPER: FROM 1400 TO 2800.
CAMKO TO HNING: FROM 1700 TO 1800.
OLENE TO KOKOH: FROM 1600 TO 1800.
HIBAC TO BEAUX: ADDED 2800.
NICCK TO DRUDJ: FROM 1700 TO 1900.
ROSTR TO HNING: FROM 1700 TO 1800.
11. ADDED REMARK 'DO NOT CHART MOCA: HIBAC TO BEAUX.'

REASONS:

1. ALTITUDE ADDED TO COMPLY WITH CURRENT CRITERIA.
- 2-4: VERTICAL PATH REMOVED AT REQUEST of ATC to PROVIDE MORE OPTIMAL FLOW of TRAFFIC.
- 5-8. REQUESTED BY ATC.
9. PER 8260.19L PARA. 4-5-12d(4) example.
- 10, 11: IAW MEMO Clarification to FAA Order 8260.19, Flight Procedures and Airspace, STAR MOCA Documentation 07/01/2021.

09/24/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/18/21.

1. CHANGED LOST COMMUNICATIONS INSTRUCTION FOR LANDING SOUTH TO CONDUCT RWY 19L APPROACH INSTEAD OF 19R - ATC REQUEST.

09/29/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/18/21.

1. REMOVED NOTE: NOTE: TPA Landing South: Expect 250KIAS at OLENE - AFS RECOMMENDATION.
2. REMOVED NOTE: Descend via MACH number until intercepting 280K. Maintain 280K until slowed by the STAR or assigned by ATC - ATC REQUEST.

10/08/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/18/21.

REMOVED REMARK "DO NOT CHART MOCA: HIBAC TO BEAUX" -MOCA REQUIRED

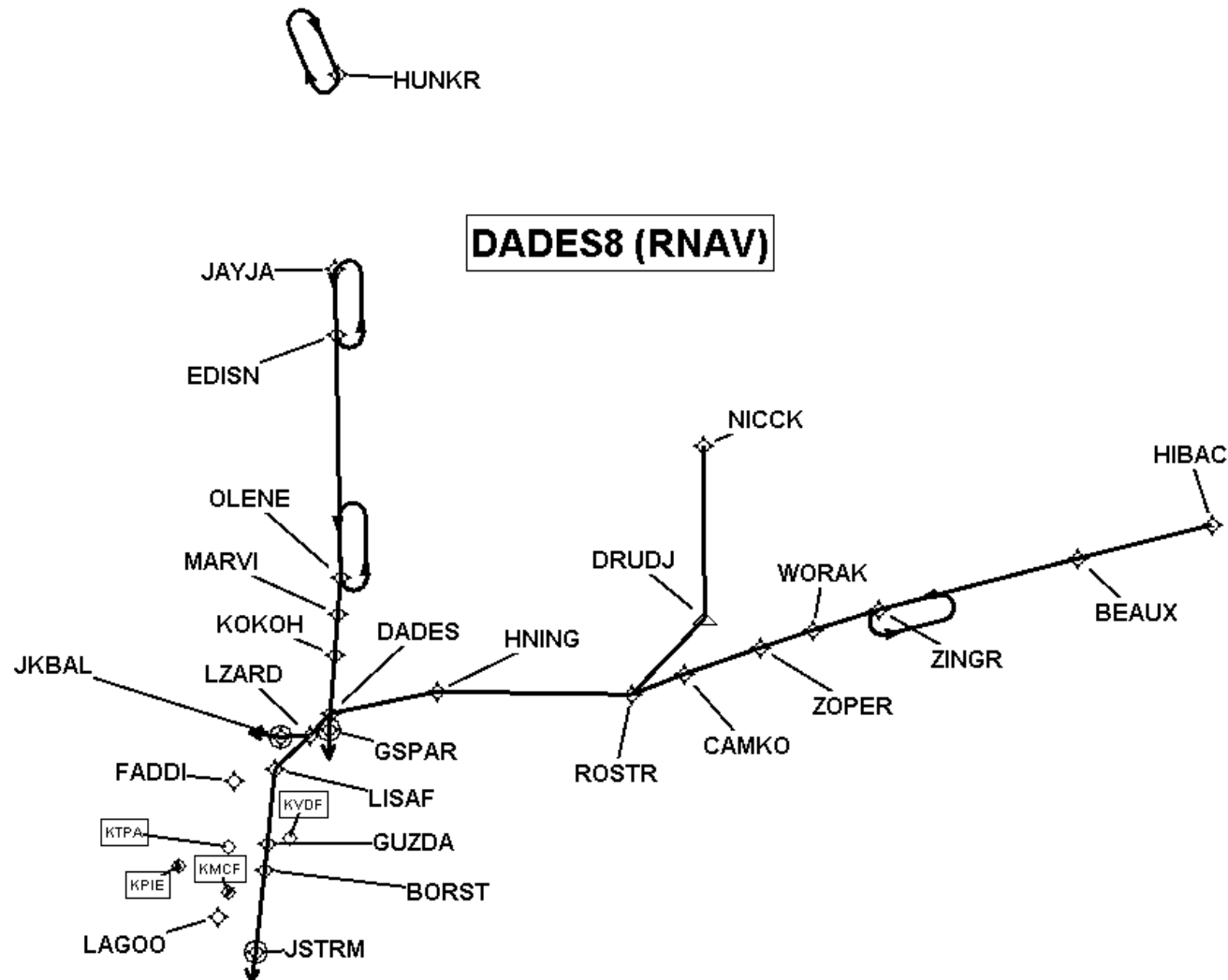
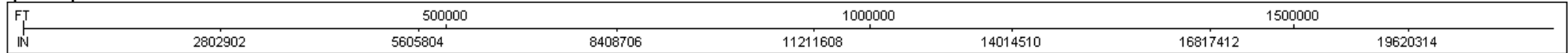


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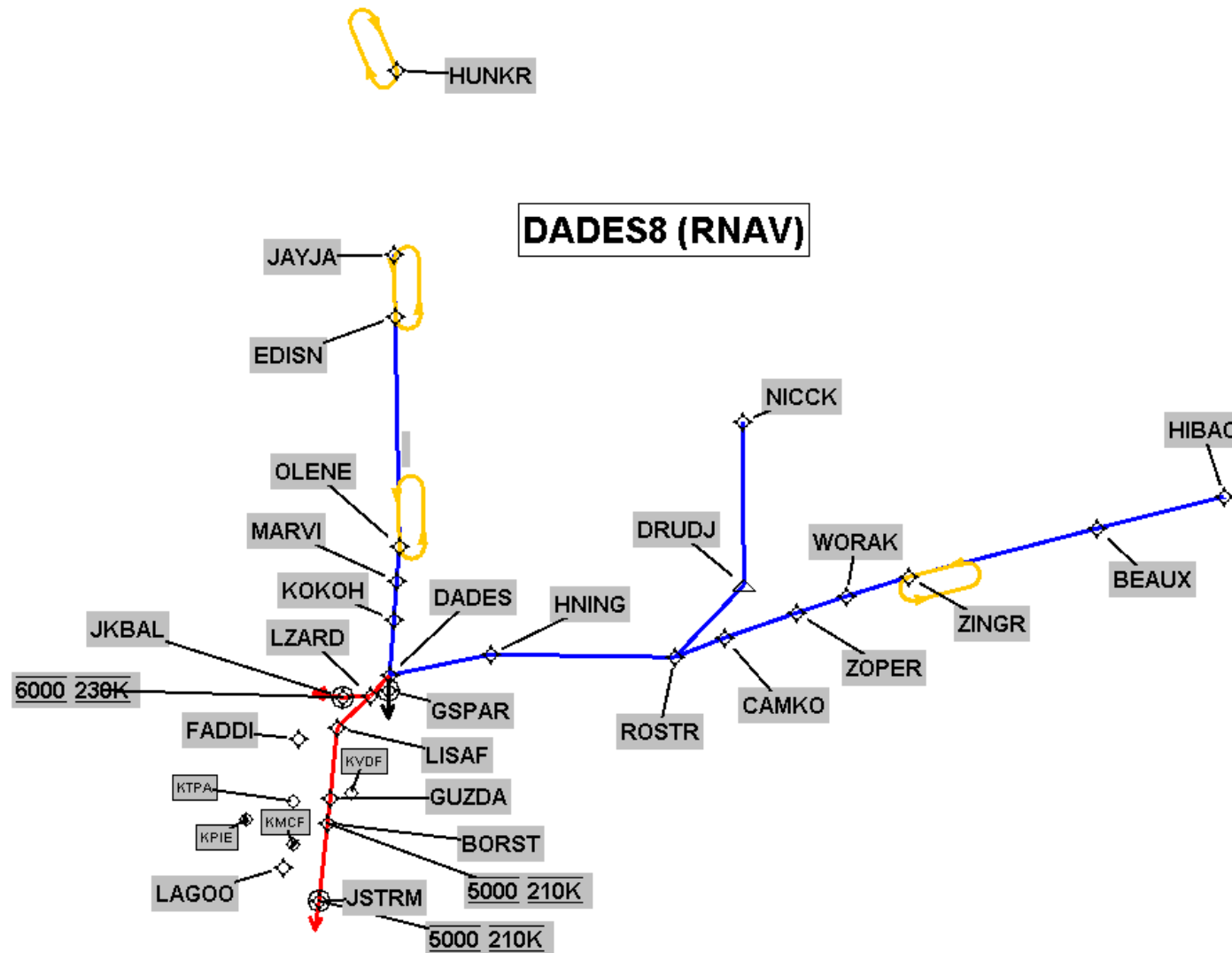
Graphic Depiction 1



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DADES (RNAV)	EIGHT	DADES.DADES8	SEVEN	04/22/2021	2 DEC 2021
Graphic Depiction 2					

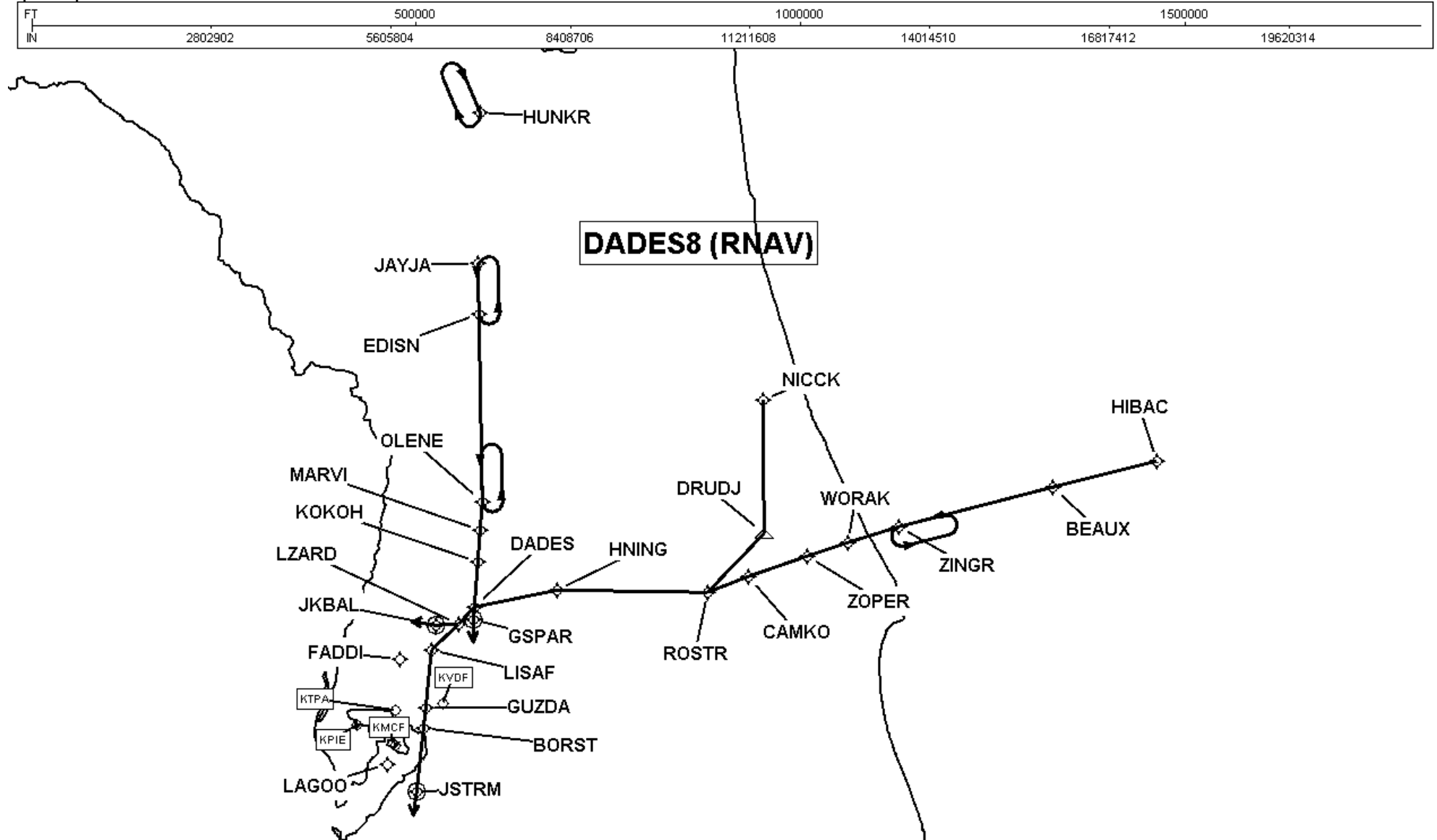


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DADES (RNAV)	EIGHT	DADES.DADES8	SEVEN	04/22/2021	2 DEC 2021

Graphic Depiction 3



FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

Arrival Name DADES (RNAV)		Number EIGHT		STAR Computer Code DADES.DADES8		Superseded Number SEVEN		Dated 04/22/2021	Effective Date 2 DEC 2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BEAUX	285812.71N / 0795829.19W	Y		IF					BEAUX.DADES8
ZINGR	284648.22N / 0803438.56W	Y	FB	TF	250.42	33.72			
WORAK	284229.13N / 0804631.16W	Y	FB	TF	247.63	11.29			
ZOPER	283857.39N / 0805610.65W	Y	FB	TF	247.53	09.20			
CAMKO	283320.85N / 0810948.09W	Y	FB	TF	245.05	13.23			
ROSTR	282920.92N / 0811927.98W	Y	FB	TF	244.94	09.40			
HNING	282700.12N / 0815537.34W	Y	FB	TF	265.94	31.95			
DADES	282145.62N / 0821507.80W	Y	FB	TF	253.17	17.98			
En Route Transition									
EDISN	292414.67N / 0822013.11W	Y		IF					EDISN.DADES8
OLENE	284423.26N / 0821528.85W	Y	FB	TF	174.02	39.97			
MARVI	283821.83N / 0821523.32W	Y	FB	TF	179.23	06.01			
KOKOH	283134.74N / 0821515.54W	Y	FB	TF	179.03	06.77			
DADES	282145.62N / 0821507.80W	Y	FB	TF	179.33	09.79			
En Route Transition									
HIBAC	290538.63N / 0793404.65W	Y		IF					HIBAC.DADES8
BEAUX	285812.71N / 0795829.19W	Y	FB	TF	250.99	22.64			
ZINGR	284648.22N / 0803438.56W	Y	FB	TF	250.42	33.72			
WORAK	284229.13N / 0804631.16W	Y	FB	TF	247.63	11.29			
ZOPER	283857.39N / 0805610.65W	Y	FB	TF	247.53	09.20			
CAMKO	283320.85N / 0810948.09W	Y	FB	TF	245.05	13.23			
ROSTR	282920.92N / 0811927.98W	Y	FB	TF	244.94	09.40			
HNING	282700.12N / 0815537.34W	Y	FB	TF	265.94	31.95			
DADES	282145.62N / 0821507.80W	Y	FB	TF	253.17	17.98			
En Route Transition									
JAYJA	293512.71N / 0822131.98W	Y		IF					JAYJA.DADES8

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STAR (DATA RECORD)

Arrival Name DADES (RNAV)		Number EIGHT		STAR Computer Code DADES.DADES8		Superseded Number SEVEN		Dated 04/22/2021	Effective Date 2 DEC 2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
EDISN	292414.67N / 0822013.11W	Y	FB	TF	174.01	11.00			
OLENE	284423.26N / 0821528.85W	Y	FB	TF	174.02	39.97			
MARVI	283821.83N / 0821523.32W	Y	FB	TF	179.23	06.01			
KOKOH	283134.74N / 0821515.54W	Y	FB	TF	179.03	06.77			
DADES	282145.62N / 0821507.80W	Y	FB	TF	179.33	09.79			
En Route Transition									
NICCK	291116.48N / 0811010.16W	Y		IF					NICCK.DADES8
DRUDJ	284249.75N / 0810705.77W	Y	FB	TF	174.56	28.50			
ROSTR	282920.92N / 0811927.98W	Y	FB	TF	219.05	17.30			
HNING	282700.12N / 0815537.34W	Y	FB	TF	265.94	31.95			
DADES	282145.62N / 0821507.80W	Y	FB	TF	253.17	17.98			
Common Route									
DADES	282145.62N / 0821507.80W	Y		IF					DADES.DADES8
GSPAR	281914.63N / 0821505.82W	Y	FO	TF	179.34	02.51			
KMCF,KPIE,KVDF				FM	175.00				
Runway Transition									
DADES	282145.62N / 0821507.80W	Y		IF					
LZARD	281800.55N / 0821842.63W	Y	FB	TF	220.20	04.90			
LISAF	281148.36N / 0822437.17W	Y	FB	TF	220.17	08.09			
GUZDA	275926.58N / 0822455.15W	Y	FB	TF	181.23	12.33			
BORST	275501.42N / 0822500.77W	Y	FB	TF	181.08	04.41	AT 5000	AT 210K	
JSTRM	274130.57N / 0822521.07W	Y	FO	TF	181.28	13.48	AT 5000	AT 210K	
KTPA:RWY 1L,RWY 1R				VM	181.28				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
DADES	282145.62N / 0821507.80W	Y		IF					
LZARD	281800.55N / 0821842.63W	Y	FB	TF	220.20	04.90			
JKBAL	281722.88N / 0822407.97W	Y	FO	TF	262.57	04.83	AT 6000	AT 230K	
KTPA:RWY 19L,RWY 19R				VM	271.70				

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