

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Arrival Name DADES (RNAV)	Number SEVEN	STAR Computer Code DADES.DADES7	Superseded Number SIX	Dated 11/08/2018	Effective Date				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BEAUX	BEAUX.DADES7	BEAUX	BEAUX						
			ZINGR	255.42	33.72	FL180	1300		
			WORAK	252.63	11.29	16000	1300		
			ZOPER	252.53	09.20	14000	1400		
			CAMKO	250.05	13.23	14000	2800		
			ROSTR	249.94	09.40	13000	1700		
			HNING	270.94	31.95	10000	1700		
			DADES	258.17	17.98	4000	1800		
EDISN	EDISN.DADES7	EDISN	EDISN						AT/BELOW FL260
			OLENE	179.02	39.97	12000	2100		AT 13000
			MARVI	184.23	06.01	10000	1600		
			KOKOH	184.03	06.77	6000	1600		
			DADES	184.33	09.79	4000	1800		
HIBAC	HIBAC.DADES7	HIBAC	HIBAC						
			BEAUX	255.99	22.64	FL200			
			ZINGR	255.42	33.72	FL180	1300		
			WORAK	252.63	11.29	16000	1300		
			ZOPER	252.53	09.20	14000	1400		
			CAMKO	250.05	13.23	14000	2800		
			ROSTR	249.94	09.40	13000	1700		
			HNING	270.94	31.95	10000	1700		
			DADES	258.17	17.98	4000	1800		
JAYJA	JAYJA.DADES7	JAYJA	JAYJA						
			EDISN	179.01	11.00	12000	2100		AT/BELOW FL260
			OLENE	179.02	39.97	12000	2100		AT 13000
			MARVI	184.23	06.01	10000	1600		
			KOKOH	184.03	06.77	6000	1600		



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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.DADES7	NICCK	NICCK						
			DRUDJ	179.56	28.50	16000	1700		AT 17000
			ROSTR	224.05	17.30	13000	1900		
			HNING	270.94	31.95	10000	1700		
			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 JSTRM, 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 JKBAL, THEN ON HEADING 276.70 OR AS ASSIGNED BY ATC. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KPIC/KMCF/KVDF: FROM DADES ON TRACK 184.34/2.51 TO GSPAR, THEN ON TRACK 184.34. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: Descend via MACH number until intercepting 280 KIAS. Maintain 280 KIAS until slowed by the STAR or assigned by ATC.

NOTE: Primary landing Rwy 1 L/R, 19L/R.

NOTE: TPA Landing South: Expect 250Kts at OLENE.

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 NIICK Transitions, ATC Assigned only.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

FIXES AND/OR HOLDING PATTERNS:

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

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

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

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

CHART HUNKR



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DADES (RNAV)	SEVEN	DADES.DADES7	SIX	11/08/2018	
<u>COMMUNICATIONS:</u> TAMPA APP CON TAMPA INTL D-ATIS ARR ST. PETE-CLEARWATER INTL ATIS MACDILL AFB ATIS 1 TAMPA EXECUTIVE AWOS-3					
<u>AIRPORTS SERVED:</u> TAMPA INTL, TAMPA, FL (KTPA) MACDILL AFB, TAMPA, FL (KMCF) ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL (KPIE) TAMPA EXECUTIVE, TAMPA, FL (KVDF)					
<u>LOST COMMUNICATIONS PROCEDURE:</u> KTPA LANDING NORTH: Continue track to JSTRM, turn right to intercept Rwy 01L final approach course, conduct approach. KTPA LANDING SOUTH: Continue track to JKBAL, turn left to intercept Rwy 19L final approach course, conduct approach.					
<u>REMARKS:</u> THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED. HIGH MEAs FL180 and ABOVE FOR COMM and DME/DME/IRU SOLUTIONS.					
<u>ADDITIONAL FLIGHT DATA:</u> 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.					



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DADES (RNAV)	SEVEN	DADES.DADES7	SIX	11/08/2018	
<u>FLIGHT INSPECTED BY:</u>					<i>Digitally signed by</i> DAVID DANNER
JAMES HAWLEY		FICO	2/22/21		
Name		Organization	Date	Signature	Mar 01, 2021
<u>DEVELOPED BY:</u>					<i>Digitally signed by</i> DAVID DANNER
VICKI TURNER		DESIGN IMPLEMENTATION MANAGER, AJV22	08/07/2020		Mar 01, 2021
Name		Organization	Date	Signature	<i>Digitally signed by</i> DAVID DANNER
<u>APPROVED BY:</u>					Mar 01, 2021
PAT MULQUEEN, MANAGER		AJV-A440			
Name		Organization	Date	Signature	

CHANGES:

1. ADDED DESCEND VIA NOTE.
2. ADDED SATELLITE AIRPORT COMMON ROUTE.
3. REMOVED ORL TRANSITION.
4. ADDED BAHAA and NIICK TRANSITIONS.
5. ADDED HOLDING at EDISN, ZINGR and HUNKR.
6. REMOVED HOLDING at LZARD.
7. ADDED ALTITUDES at OLENE and EDISN; added crossing restriction of 13000 to OLENE; added 12000 to EDISN.
8. REMOVED JAYJA VERTICAL NAVIGATION PLANNING INFORMATION EXPECT FL270.
9. REMOVED OLENE VERTICAL NAVIGATION PLANNING INFORMATION KTPA LANDING NORTH: EXPECT 13000, KTPA LANDING SOUTH: EXPECT 13000 250K.
10. MODIFIED LANDING ALL SATELLITE ARPTS NOTE.
11. REMOVED MEA'S FROM COMMON ROUTE.
12. ADJUSTED JAYJA TRANSITION MEA'S.

REASONS:

1. ATC REQUEST FOR PILOT PLANNING.
2. ATC REQUEST ADDITIONAL COMMON LEG FOR TRAFFIC LANDING SATELLITE AIRPORTS.
3. NO LONGER FUNCTIONAL for ATC?
4. PROVIDES MORE EFFICIENT ROUTES INTO KTPA AREA.
5. NEEDED TO PROVIDE ADDITIONAL HOLDING WHEN NECESSARY.
6. NO LONGER NEEDED.
7. ALTITUDES AT WAYPOINTS PROVIDE MORE EFFICIENT VERTICAL PATHS for ARRIVALS.
- 8-9. IAW FAAO 8260.19I, CHP 4-5 b (5)(NOTE).
10. PROVIDES MORE EFFICIENT ROUTING FOR SATELLITE ARRIVAL.
- 11-12. IAW 8260.19I / ATC REQUESTED LOWER MEAS.

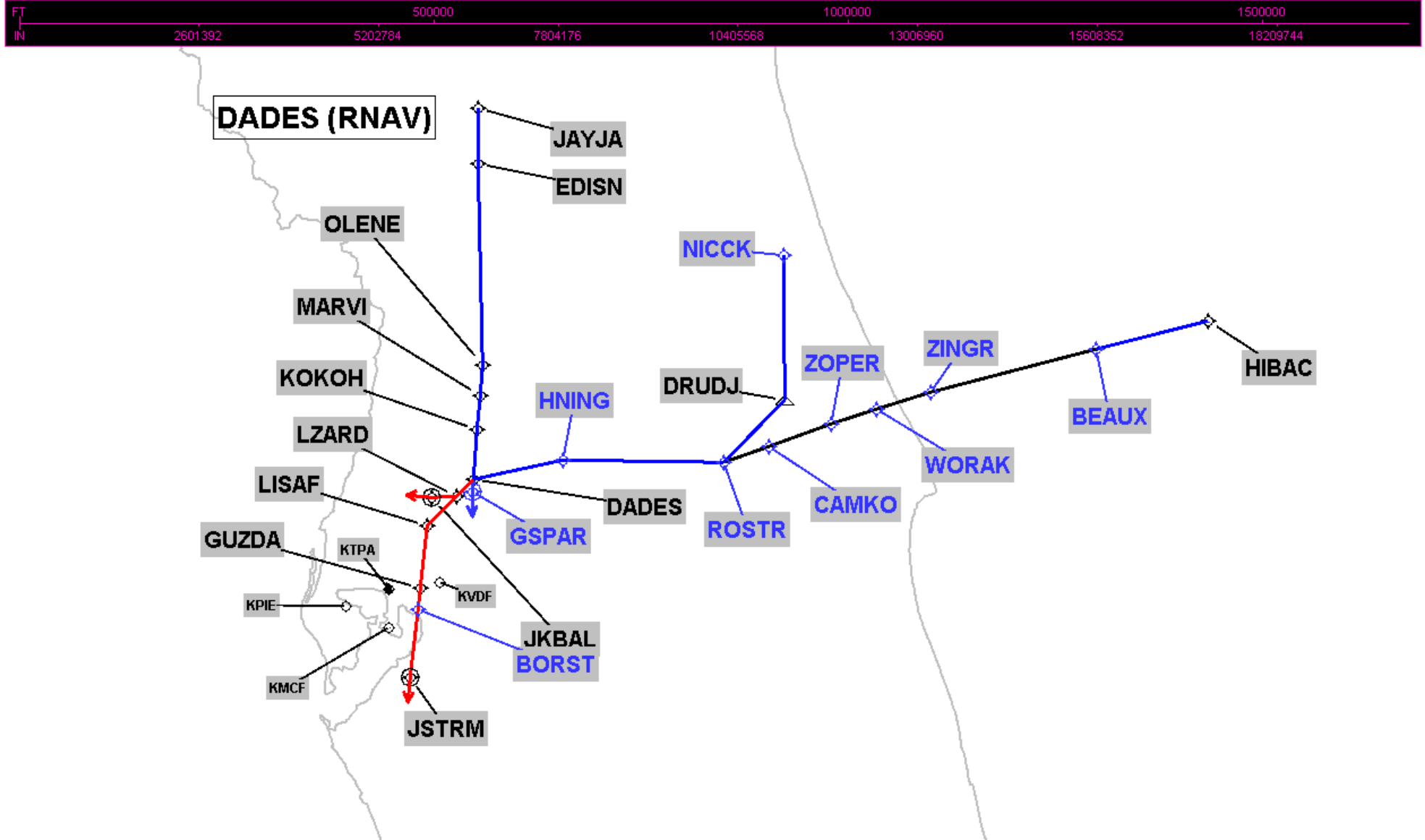


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DADES (RNAV)	SEVEN	DADES.DADES7	SIX	11/08/2018	

Graphic Depiction 1

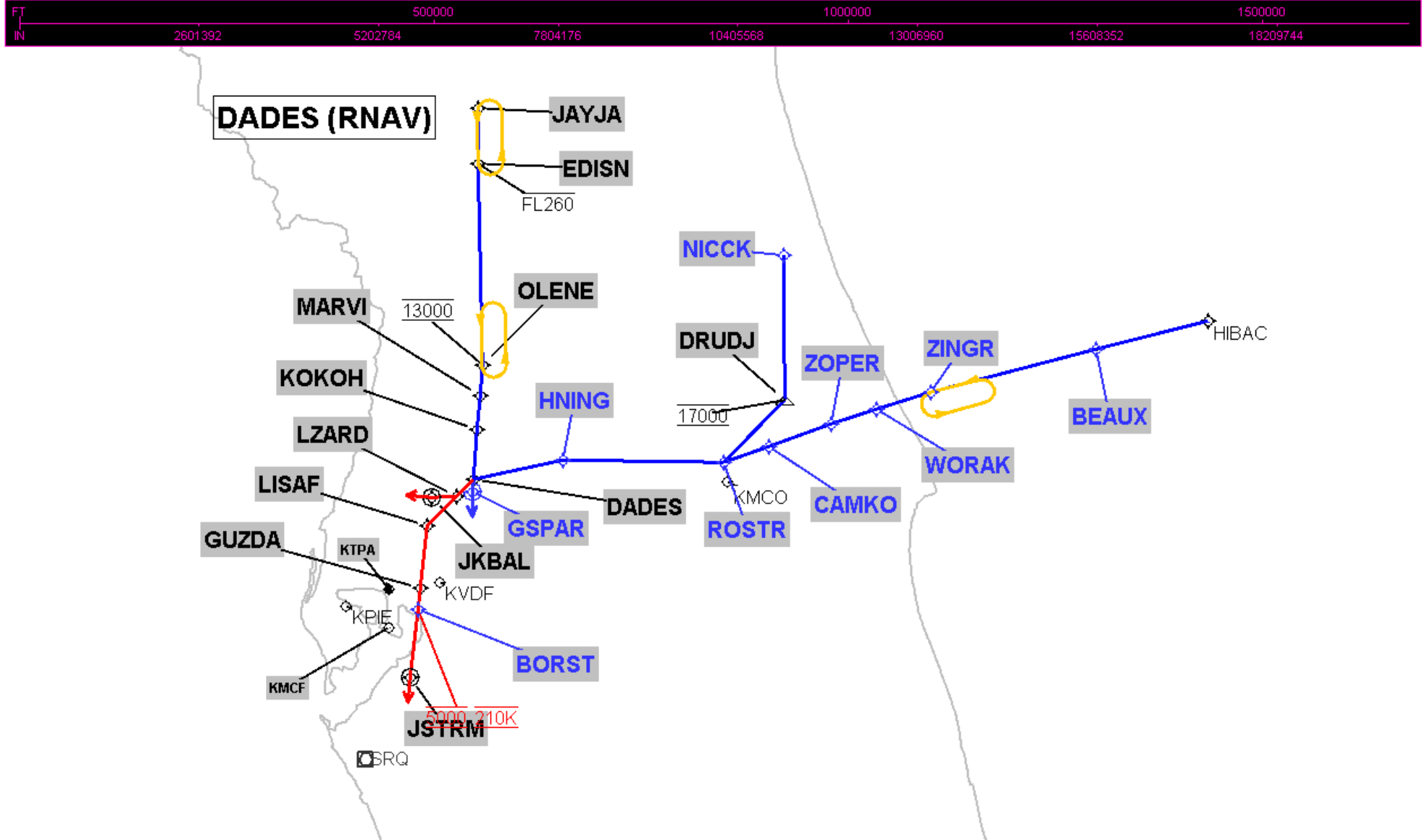


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DADES (RNAV)	SEVEN	DADES.DADES7	SIX	11/08/2018	

Graphic Depiction 2

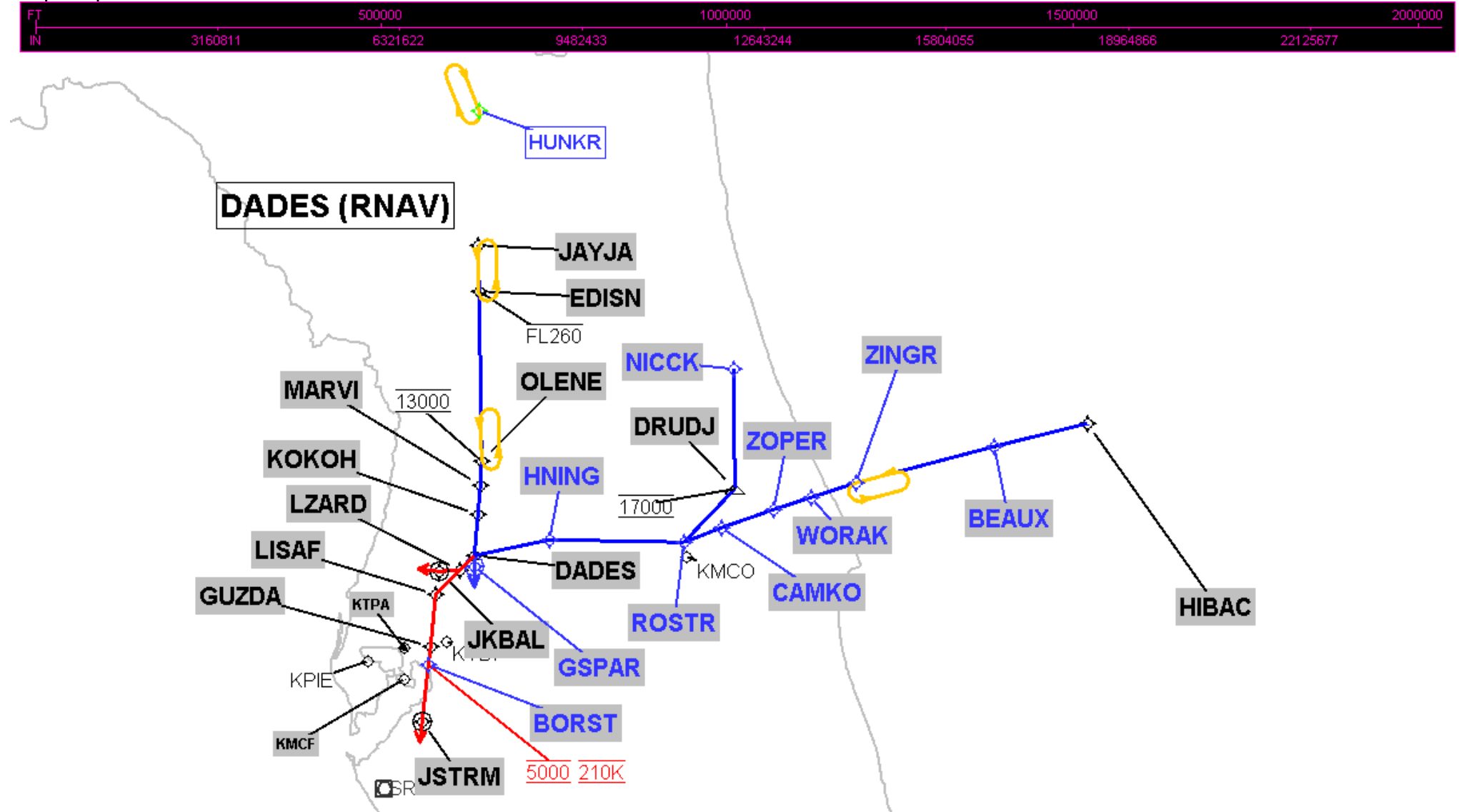


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DADES (RNAV)	SEVEN	DADES.DADES7	SIX	11/08/2018	

Graphic Depiction 3

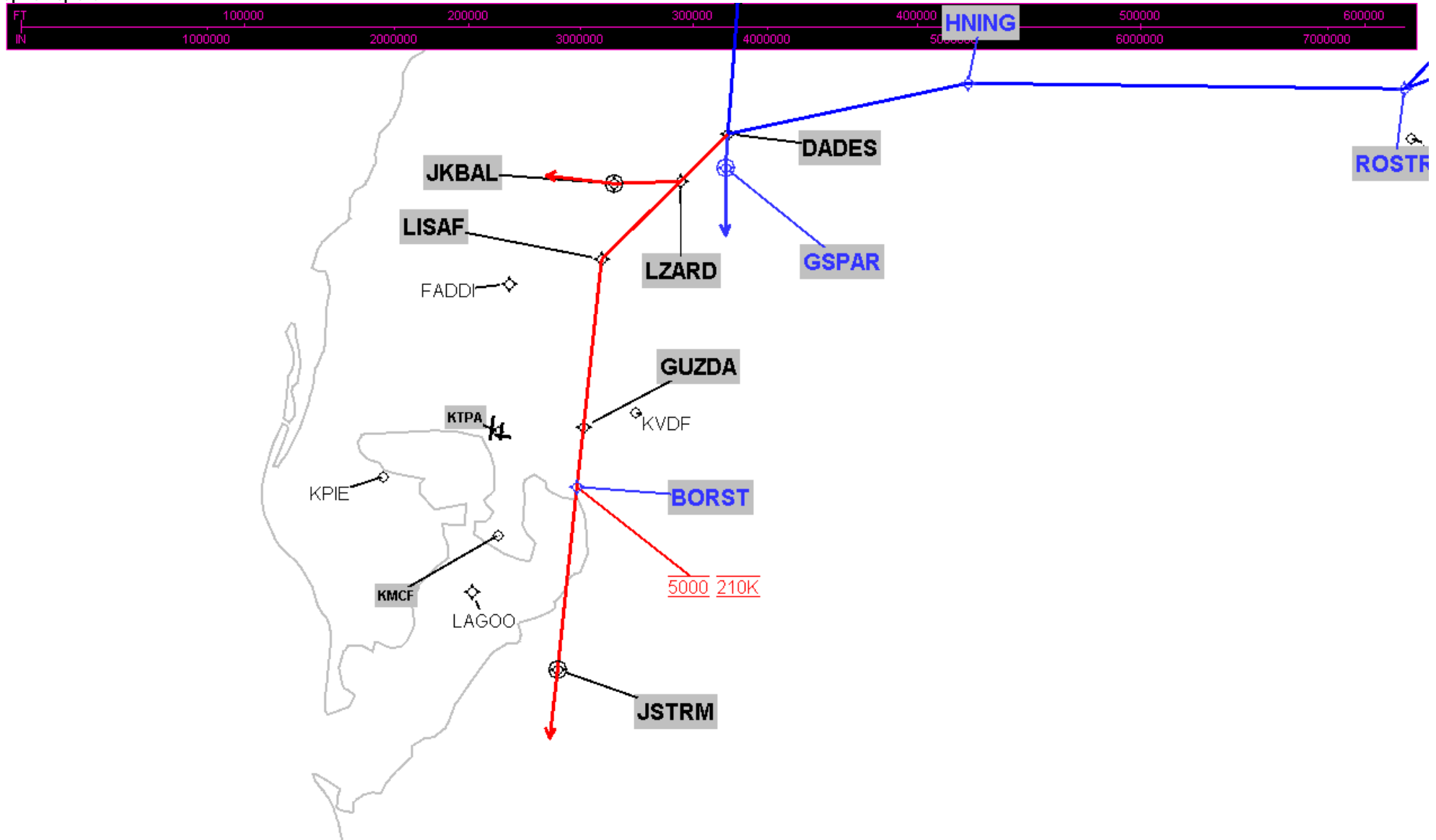


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Graphic Depiction 4



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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
En Route Transition									
BEAUX	285812.71N / 0795829.19W	Y		IF					BEAUX.DADES7
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			AT/BELOW FL260		EDISN.DADES7
OLENE	284423.26N / 0821528.85W	Y	FB	TF	174.02	39.97	AT 13000		
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.DADES7
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.DADES7

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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	AT/BELOW FL260		
OLENE	284423.26N / 0821528.85W	Y	FB	TF	174.02	39.97	AT 13000		
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.DADES7
DRUDJ	284249.75N / 0810705.77W	Y	FB	TF	174.56	28.50	AT 17000		
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.DADES7
GSPAR	281914.63N / 0821505.82W	Y	FO	TF	179.34	02.51			
KMCF,KPIE,KVDF				FM	179.34				
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			
KTPA:RWY 01L, 01R				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			
KTPA:RWY 19L, 19R				VM	271.70				

