

US Department of Transportation
Federal Aviation Administration

STAR - Standard Terminal Arrival

1. Bearings, headings, courses and radials are listed to the nearest hundredth (e.g. 360.00)
2. Distances are in nautical miles to nearest hundredth (e.g. 00.00)
3. Altitudes are minimum altitudes unless otherwise indicated

(1) Transition Routes

(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP / FIX / NAVAID	(d) To RNAV WP / FIX / NAVAID	(e) Mag Course / Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
LA BELLE	LBV.DEAKK4	LBV VORTAC	LBV VORTAC					
PAHOKEE	PHK.DEAKK4	LBV VORTAC	ROGAN	318.38/36.89	14000			
		PHK VORTAC	PHK VORTAC					
		PHK VORTAC	ROGAN	298.78/70.21	15000			
LEE COUNTY	RSW.DEAKK4	RSW VORTAC	RSW VORTAC					
		RSW VORTAC	ROGAN	356.74/43.59	14000			

(2) Arrival Route Description: FROM ROGAN ON TRACK 318.15/17.67 TO DEAKK (MEA 11000).THENCE VIA ASSIGNED RUNWAY TRANSITION.

LANDING NORTH: FROM OVER DEAKK ON TRACK 318.04/21.00 TO JSTRM (MEA 4000), THEN ON HEADING 276.73. EXPECT RADAR VECTORS.

LANDING SOUTH: FROM OVER DEAKK ON TRACK 318.04/21.00 TO JSTRM (MEA 4000), THEN ON TRACK 006.22/17.89 TO GUZDA, THEN ON TRACK 007.22/17.90 TO JKBAL, THEN LEFT TURN ON HEADING 276.73. EXPECT RADAR VECTORS.

(3) Procedural Data Notes:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: PRIMARY LANDING RUNWAYS 1L/R,19L/R

Continued on block 16...

(4) Fixes and/or Holding Patterns:

CHART: LAGOO, BUCCS.

CHART HOLDING AT ROGAN: (HOLD SE, RT, 318.15 INBOUND, 8 NM LEGS)

CHART HOLDING AT DEAKK: (HOLD SE, RT, 318.04 INBOUND, 8 NM LEGS).

(5) Communications:

TAMPA APP CON, TAMPA INTL ATIS ARR, ST PETE-CLEARWATER INTL ATIS, MACDILL AFB ATIS, TAMPA EXECUTIVE AWOS-3.

QUALITY
1
CHECKED

(6) Arrival Name DEAKK RNAV	(7) Number FOUR	(8) STAR Computer Code DEAKK.DEAKK4	(9) Superseded Nr. THREE	(10) Dated 13 JAN 2011	(11) Effective Date 6 FEB 2014
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(12) Airports Served

Airport Name TAMPA INTL	City/State TAMPA, FL
Airport Name ST. PETE-CLEARWATER INTL	City/State ST. PETERSBURG, FL
Airport Name MAC DILL AFB	City/State TAMPA, FL
Airport Name TAMPA EXECUTIVE	City/State TAMPA, FL
Airport Name	City/State
Airport Name	City/State

(13) Lost Communications Procedure:

KTPA LANDING SOUTH: CONTINUE TRACK TO JKBAL, THEN TURN LEFT TO INTERCEPT THE RUNWAY 19L FINAL APPROACH COURSE, CONDUCT APPROACH.CONDUCT APPROACH.

KTPA LANDING NORTH: CONTINUE TRACK TO JSTRM, THEN TURN RIGHT TO INTERCEPT THE RUNWAY 1L FINAL APPROACH COURSE, CONDUCT APPROACH.

(14) Remarks:**(15) Additional Flight Data:**

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KTPA 05W/2010

QUALITY
1
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(6) Arrival Name DEAKK RNAV	(7) Number FOUR	(8) STAR Computer Code DEAKK.DEAKK4	(9) Superseded Nr. THREE	(10) Dated 13 JAN 2011	(11) Effective Date 6 FEB 2014
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(16) Continuation:

CONTINUED IN BLOCK 16.

(3) Procedural Data Notes:

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT: LBV TRANSITION: SRQ AND LAL MUST BE OPERATIONAL; RSW TRANSITION:SRQ, LAL, RSW AND LBV MUST BE OPERATIONAL.

VERTICAL NAVIGATION PLANNING INFORMATION: KTPA LANDING NORTH: EXPECT CLEARANCE TO CROSS DEAKK AT 11,000 AND 250 KTS.

KTPA LANDING SOUTH: EXPECT CLEARANCE TO CROSS DEAKK AT 11,000.

NOTE: KTPA LANDING NORTH: EXPECT RADAR VECTORS PRIOR TO JSTRM.

NOTE: KTPA LANDING SOUTH: EXPECT RADAR VECTORS PRIOR TO JKBAL.

NOTE: LANDING ALL SATELLITE AIRPORTS: EXPECT RADAR VECTORS PRIOR TO JSTRM.

(17) Changes:

1. AIRPORT NAME CHANGE FROM ST PETERSBURG-CLEARWATER INTL TO ST PETE-CLEARWATER INTL.

(18) Reasons for Changes:

1. NEW AIRPORT NAME.

(6) Arrival Name

DEAKK RNAV

(7) Number

FOUR

(8) STAR Computer Code

DEAKK.DEAKK4

(9) Superseded Nr.

THREE

(10) Dated

13 JAN 2011

(11) Effective Date

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**US Department of Transportation
Federal Aviation Administration**
RNAV STAR (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS	
En Route Transition										
LBV VORTAC	264941.47N / 0812329.18W	Y		IF					LBV.DEAKK4	
ROGAN	271502.86N / 0815334.29W	Y	FB	TF	313.38	36.89			HOLDING - RIGHT TURNS	
En Route Transition										
PHK VORTAC	264657.87N / 0804129.16W	Y		IF					PHK.DEAKK4	
ROGAN	271502.86N / 0815334.29W	Y	FB	TF	293.78	70.21			HOLDING - RIGHT TURNS	
En Route Transition										
RSW VORTAC	263147.55N / 0814632.76W	Y		IF					RSW.DEAKK4	
ROGAN	271502.86N / 0815334.29W	Y	FB	TF	351.74	43.59			HOLDING - RIGHT TURNS	
Common Route										
ROGAN	271502.86N / 0815334.29W	Y		IF					ROGAN.DEAKK4	
DEAKK	272709.42N / 0820803.84W	Y	FB	TF	313.15	17.67				
QUALITY ↑ CHECKED										
(11) Arrival Name DEAKK RNAV		(12) Number FOUR		(13) STAR Computer Code DEAKK.DEAKK4			(14) Superseded Nr. THREE		(15) Dated 13 JAN 2011	(16) Effective Date 6 FEB 2014

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Runway Transition									
DEAKK	272709.42N / 0820803.84W	Y		IF					
JSTRM	274130.57N / 0822521.07W	Y	FO	TF	313.04	21.00			
KTPA:RWY 1L/R				VM	271.73				
Runway Transition									
DEAKK	272709.42N / 0820803.84W	Y		IF					
JSTRM	274130.57N / 0822521.07W	Y	FB	TF	313.04	21.00			
GUZDA	275926.58N / 0822455.15W	Y	FB	TF	001.22	17.89			
JKBAL	281722.88N / 0822407.97W	Y	FO	TF	002.22	17.90			LEFT TURN
KTPA:RWY 19L/R				VM	271.73				
(11) Arrival Name DEAKK RNAV	(12) Number FOUR	(13) STAR Computer Code DEAKK.DEAKK4	(14) Superseded Nr. THREE	(15) Dated 13 JAN 2011	(16) Effective Date 6 FEB 2014				

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**US Department of Transportation
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STAR (Data Record)

ARINC PACKET - 424-18 - STAR

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(11) Arrival Name DEAKK RNAV	(12) Number FOUR	(13) STAR Computer Code DEAKK.DEAKK4	(14) Superseded Nr. THREE	(15) Dated 13 JAN 2011	(16) Effective Date 6 FEB 2014
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STAR (Data Record)

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LBV	LBV	010		IF		FB					
	LBV	ROGAN	020		TF		FB	1.0				
	PHK	PHK	010		IF		FB					
	PHK	ROGAN	020		TF		FB	1.0				
	RSW	RSW	010		IF		FB					
	RSW	ROGAN	020		TF		FB	1.0				
	ALL	ROGAN	010		IF		FB					
	ALL	DEAKK	020		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBV	N264941.47	W0812329.18	N2649.691	W08123.486
	PHK	N264657.87	W0804129.16	N2646.965	W08041.486
	RSW	N263147.55	W0814632.76	N2631.793	W08146.546
	DEAKK	N272709.42	W0820803.84	N2727.157	W08208.064
	ROGAN	N271502.86	W0815334.29	N2715.048	W08153.572
	RW04	N275014.63	W0823157.68	N2750.244	W08231.961
	RW22	N275140.65	W0823035.09	N2751.678	W08230.585

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00008	55
	RW22	00014	53

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	1		2		3		4		5		6		7		8		9		0		1		2		3																																					
NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3																													
SUSAD	L	B	V	K	7	0	1	1	0	4	0	V	T	L	N	2	6	4	9	4	1	4	7	W	0	8	1	2	3	2	9	1	8	E	0	0	1	0	0	0	3	0	1	N	A	R	L	A	B	E	L	L	E									
SUSAD	P	H	K	7	0	1	1	5	4	0	V	T	H	N	2	6	4	6	5	7	8	7	W	0	8	0	4	1	2	9	1	6	2	E	0	0	0	0	0	0	0	1	6	2	N	A	R	P	A	H	O	K	E									
SUSAD	R	S	W	7	0	1	1	1	8	0	V	T	L	N	2	6	3	1	4	7	5	5	W	0	8	1	4	6	3	2	7	6	N	2	6	3	1	4	7	5	5	W	0	8	1	4	6	3	2	7	6	N	A	R	E	E	C	O	U	N	T	I

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(11) Arrival Name DEAKK RNAV	(12) Number FOUR	(13) STAR Computer Code DEAKK.DEAKK4	(14) Superseded Nr. THREE	(15) Dated 13 JAN 2011	(16) Effective Date 6 FEB 2014
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SUSAP KPIEK7GRW36R 0097303563 N27535816W082411172+0000 -0021600010093055150IICWT1

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CHECKED**(11)
Arrival Name**
DEAKK RNAV**(12)
Number**
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STAR Computer Code**
DEAKK.DEAKK4**(14)
Superseded Nr.**
THREE**(15)
Dated**
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ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LBV	LBV	010		IF		FB					
	LBV	ROGAN	020		TF		FB	1.0				
	PHK	PHK	010		IF		FB					
	PHK	ROGAN	020		TF		FB	1.0				
	RSW	RSW	010		IF		FB					
	RSW	ROGAN	020		TF		FB	1.0				
	ALL	ROGAN	010		IF		FB					
	ALL	DEAKK	020		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBV	N264941.47	W0812329.18	N2649.691	W08123.486
	PHK	N264657.87	W0804129.16	N2646.965	W08041.486
	RSW	N263147.55	W0814632.76	N2631.793	W08146.546
	DEAKK	N272709.42	W0820803.84	N2727.157	W08208.064
	ROGAN	N271502.86	W0815334.29	N2715.048	W08153.572
	RW04	N275359.90	W0824120.91	N2753.998	W08241.349
	RW09	N275433.37	W0824143.56	N2754.556	W08241.726
	RW18L	N275524.29	W0824126.54	N2755.405	W08241.442
	RW18R	N275516.23	W0824130.79	N2755.271	W08241.513
	RW22	N275444.86	W0824038.86	N2754.748	W08240.648
	RW27	N275434.89	W0824051.07	N2754.582	W08240.851
	RW36L	N275442.54	W0824124.98	N2754.709	W08241.416
	RW36R	N275358.16	W0824111.72	N2753.969	W08241.195

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00011	31
	RW09	00010	48
	RW18L	00007	52
	RW18R	00006	50
	RW22	00005	36
	RW27	00007	50
	RW36L	00008	40
	RW36R	00010	55

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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAP	KTPAK7E	DEAKK44LBV	010LBV	K7D	0V	IF				18000			
SUSAP	KTPAK7E	DEAKK44LBV	020ROGANK7EA0EE	H	010TF								
SUSAP	KTPAK7E	DEAKK44PHK	010PHK	K7D	0V	IF				18000			
SUSAP	KTPAK7E	DEAKK44PHK	020ROGANK7EA0EE	H	010TF								
SUSAP	KTPAK7E	DEAKK44RSW	010RSW	K7D	0V	IF				18000			
SUSAP	KTPAK7E	DEAKK44RSW	020ROGANK7EA0EE	H	010TF								
SUSAP	KTPAK7E	DEAKK45	010ROGANK7EA0E	H	IF					18000			
SUSAP	KTPAK7E	DEAKK45	020DEAKKK7EA0EE	H	010TF								
SUSAP	KTPAK7E	DEAKK46RW01B	010DEAKKK7EA0E	H	IF					18000			
SUSAP	KTPAK7E	DEAKK46RW01B	020JSTRMK7EA0EY	010TF									
SUSAP	KTPAK7E	DEAKK46RW01B	030KTPA	K7PA0AE	VM		2767						
SUSAP	KTPAK7E	DEAKK46RW19B	010DEAKKK7EA0E	H	IF					18000			
SUSAP	KTPAK7E	DEAKK46RW19B	020JSTRMK7EA0E	010TF									
SUSAP	KTPAK7E	DEAKK46RW19B	030GUZDAK7EA0E	010TF									
SUSAP	KTPAK7E	DEAKK46RW19B	040JKBALK7EA0EY	010TF									
SUSAP	KTPAK7E	DEAKK46RW19B	050KTPA	K7PA0AE	L	VMY	2767						

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(11) Arrival Name DEAKK RNAV	(12) Number FOUR	(13) STAR Computer Code DEAKK.DEAKK4	(14) Superseded Nr. THREE	(15) Dated 13 JAN 2011	(16) Effective Date 6 FEB 2014
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STAR (Data Record)

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KTPAK7GRW01L	0110020067	N27574786W082323248+0100				-0021700011000060150IIAMP3							
SUSAP KTPAK7GRW01R	0083000067	N27575152W082314437+0100				-0019600018000055150RITWJ0							
SUSAP KTPAK7GRW19L	0083001867	N27591366W082314157-0100				-0017000026000051150IITPA2							
SUSAP KTPAK7GRW19R	0110021867	N27593674W082322878-0100				-0018600021000054150IIJRT1							

QUALITY
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(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
DEAKK RNAV	FOUR	DEAKK.DEAKK4	THREE	13 JAN 2011	6 FEB 2014

**US Department of Transportation
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STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LBV	LBV	010		IF		FB					
	LBV	ROGAN	020		TF		FB	1.0				
	PHK	PHK	010		IF		FB					
	PHK	ROGAN	020		TF		FB	1.0				
	RSW	RSW	010		IF		FB					
	RSW	ROGAN	020		TF		FB	1.0				
		ROGAN	010		IF		FB					
		DEAKK	020		TF		FB	1.0				
	RW01B	DEAKK	010		IF		FB					
	RW01B	JSTRM	020		TF		FO	1.0				
	RW01B	KTPA	030		VM		FB		276.7 ()			
	RW19B	DEAKK	010		IF		FB					
	RW19B	JSTRM	020		TF		FB	1.0				
	RW19B	GUZDA	030		TF		FB	1.0				
	RW19B	JKBAL	040		TF		FO	1.0				
	RW19B	KTPA	050		VM	L	FB		276.7 ()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBV	N264941.47	W0812329.18	N2649.691	W08123.486
	PHK	N264657.87	W0804129.16	N2646.965	W08041.486
	RSW	N263147.55	W0814632.76	N2631.793	W08146.546
	DEAKK	N272709.42	W0820803.84	N2727.157	W08208.064
	GUZDA	N275926.58	W0822455.15	N2759.443	W08224.919
	JKBAL	N281722.88	W0822407.97	N2817.381	W08224.133
	JSTRM	N274130.57	W0822521.07	N2741.510	W08225.351
	ROGAN	N271502.86	W0815334.29	N2715.048	W08153.572
	RW01L	N275747.86	W0823232.48	N2757.798	W08232.541
	RW01R	N275751.52	W0823144.37	N2757.859	W08231.740
	RW19L	N275913.66	W0823141.57	N2759.228	W08231.693
	RW19R	N275936.74	W0823228.78	N2759.612	W08232.480

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01L	00011	60
	RW01R	00018	55
	RW19L	00026	51

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LBV	LBV	010		IF		FB					
	LBV	ROGAN	020		TF		FB	1.0				
	PHK	PHK	010		IF		FB					
	PHK	ROGAN	020		TF		FB	1.0				
	RSW	RSW	010		IF		FB					
	RSW	ROGAN	020		TF		FB	1.0				
	ALL	ROGAN	010		IF		FB					
	ALL	DEAKK	020		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBV	N264941.47	W0812329.18	N2649.691	W08123.486
	PHK	N264657.87	W0804129.16	N2646.965	W08041.486
	RSW	N263147.55	W0814632.76	N2631.793	W08146.546
	DEAKK	N272709.42	W0820803.84	N2727.157	W08208.064
	ROGAN	N271502.86	W0815334.29	N2715.048	W08153.572
	RW05	N280043.64	W0822051.73	N2800.727	W08220.862
	RW18	N280048.34	W0822058.43	N2800.806	W08220.974
	RW23	N280114.34	W0822020.13	N2801.239	W08220.336
	RW36	N280016.46	W0822058.54	N2800.274	W08220.976

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00019	40
	RW18	00018	45
	RW23	00021	40
	RW36	00019	43

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