

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW19L  CLIMB TO 2800 DIRECT CUPUL AND ON TRACK 146.65 TO GIBBS AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.79 INBOUND. CHART FAS OBST: 139 TREE 280013N/0823114W CHART FAS OBST: 183 TWR 280143N/0823155W CHART 242 TOWER 280534N/0823225W DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.11 MILES TO RW19L* *LNAV ONLY. WAAS CHANNEL # 49100 REFERENCE PATH ID: W19A LTP HAE: -17 M											
JSTRM	UFLIX (FB)	026.05 / 23.63	3000												
DARBS	ZADSA (FB)	085.10 / 9.48	3000												
UFLIX	ZPLIN (FB)	345.10 / 10.00	3000												
ZADSA (IAF)	COBOX (FB)	096.67 / 8.98	3000												
ZPLIN (IAF)	COBOX (FB)	276.82 / 10.25	3000												
LZARD (IAF)	COBOX (FB)	252.26 / 11.97	3000												
COBOX (IF)	POMSE (FB)	186.73 / 8.06	2000												
(SEE FORM 8260-10)															
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT COBOX 3. FAC: <u>186.73</u> FAF: <u>POMSE</u> DIST FAF TO MAP: <u>6.04</u> THLD: <u>6.04</u> 4. MIN. ALT: COBOX 3000, POMSE 2000 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>POMSE 2000</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW19L 2700</u>				MAG VAR: 5W EPOCH YEAR: 2010											
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD									
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	226	2400	200	226	2400	200	226	2400	200	226	2400	200			
LNAV/VNAV DA	440	4500	414	440	4500	414	440	4500	414	440	4500	414			
LNAV MDA	440	2400	414	440	2400	414	440	4000	414	440	4000	414			
CIRCLING	560	1	534	560	1	534	560	1 1/2	534	580	2	554			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARBS ON V97 NORTHWEST BOUND.															
CITY AND STATE		ELEVATION: 26 THRE: 26		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP: RNAV (GPS) Z RWY		AMDT:		DATED			
TAMPA, FL		AIRPORT NAME: TAMPA INTL		RNAV		RNAV (GPS) Z RWY 19L, AMDT 2, 01/13/2011		18L		1A		09/25/2006			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
POMSE	RW19L (MAP) (FO)	186.73 / 6.04	
RW19L (MAP)	226 MSL	186.73	
226 MSL	CUPUL (FB)		
CUPUL	GIBBS (FO)	146.65 / 21.65	2800

QUALITY  
 4  
 CHECKED

CITY AND STATE

TAMPA, FL

ELEVATION: 26

THRE: 26

AIRPORT NAME:

TAMPA INTL

FACILITY  
 IDENTIFIER:  
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
 RNAV (GPS) Z RWY 19L, AMDT 2, 01/13/2011

SUP: RNAV (GPS) Z RWY  
 18L

AMDT: 1A

DATED: 09/25/2006

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTPA
RUNWAY	RW19L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	275913.6605N
LTP/FTP LONGITUDE	0823141.5740W
LTP/FTP ELLIPSOIDAL HEIGHT	-00170
FPAP LATITUDE	275744.3600N
FPAP LONGITUDE	0823144.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

**CRC REMAINDER**

77CDD4E8

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00079
FPAP ORTHOMETRIC HEIGHT	+00079

QUALITY  
A  
CHECKED

CITY AND STATE  TAMPA, FL	ELEVATION: 26      THRE: 26 AIRPORT NAME:  TAMPA INTL	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) Z RWY 19L, AMDT 2, 01/13/2011	SUP: RNAV (GPS) Z RWY 18L
				AMDT: 1A
				DATED: 09/25/2006

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[illegible]

**DATED:** 09/25/2006

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SUSAP KTPAK7GRW19L 0083001867 N27591366W082314157-0100 -0017000026000051150I

SUSAP KTPAK7PR19LZ RW19L001Z0000W19A0N2759136605W08231415740-001700300N2757443600W08231446100166750464000510F40035077CDD4E8  
SUSAP KTPAK7PR19LZ RW19L002E +00079+00079LPV 49100

SUSAP KTPAK7SRW19LK7PG 0 18018002725

ELEVATION: 26                      THRE: 26  
AIRPORT NAME:  
TAMPA INTL

**FACILITY IDENTIFIER:**  
RNAV

**PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:**  
**RNAV (GPS) Z RWY 19L, AMDT 2, 01/13/2011**

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