

**FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KSPG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ST PETERSBURG	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 7	<u>TDZE</u> 6	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 04/20/2023	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PIE VORTAC	IF/IAF	RUTHV		TF	FB	1.00	157.35	5.17	1700
RUTHV	FAF	PICOL	MAP	TF	FO	0.30	171.95	3.38	
PICOL	MAP	800 MSL		CA			171.95		800
800 MSL		PIE VORTAC		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LP: PICOL
 LNAV: PICOL

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT PIE VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW PIE VORTAC, RT, 157.35 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 171.95 FAF: RUTHV DIST FAF TO MAP: 3.38 DIST FAF TO THLD: 3.87
4. MIN ALT: PIE VORTAC 2000, RUTHV 1700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
6. MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
7. GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
8. MSA FROM: PICOL 2700



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWYS 7 AND 18.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS R-336, R-355, R-016, R-045, AND R-067.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 491 BUILDING (12-103913) 274617N/0823803W, 219 CRANE (12-174434) 274627N/0823736W.
 CHART 232 BUILDING 274920N/0823843W.
 WAAS CHANNEL # 77746
 REFERENCE PATH ID: W18A
 FAC CROSSES RWY C/L EXTENDED 3002 FT FROM THLD.
 CHART CIRCLING ICON.
 RUTHV TO RW18: 4.00/48.
 FICTITIOUS THRESHOLD POINT (CFFTG) DO NOT CHART.
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 12.67 DEGREES.
 FTP HAE: -22.8 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LP MDA	480	1	474	480	1	474					NA				
LNAV MDA	800	1	794	800	1 1/4	794					NA				
CIRCLING	800	1	793	800	1 1/4	793					NA				

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED CA LEG ALTITUDE FROM 407 TO 800 - MITIGATE 547' BUILDINGS FROM OEAAA.
2. MISSED APPROACH: ADDED LP MAP PICOL - LP LINE OF MINIMA ADDED TO PROCEDURE.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING RIGHT TURN TO 2000 DIRECT PIE VORTAC AND HOLD" TO "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT PIE VORTAC AND HOLD" - NEW MISSED APPROACH CLIMB-TO ALTITUDE.
4. ADDITIONAL FLIGHT DATA: ADDED FAS OBSTACLE FOR LP SEGMENT - NEW PROCEDURE/CONTROLLING OBSTACLE.
5. ADDITIONAL FLIGHT DATA: ADDED "CHART 232 BUILDING 274920N/0823843W" TO ADDITIONAL FLIGHT DATA - 7:1 APPLIED TO LP SEGMENT.
6. ADDITIONAL FLIGHT DATA: UPDATED "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD." TO "FAC CROSSES RWY C/L EXTENDED 3002 FT FROM THLD." - NEW TARGETS CALCULATIONS.
7. ADDITIONAL FLIGHT DATA: CHANGED "KENVE TO RW18: 4.00/48.2." TO "RUTHV TO RW18: 4.00/48." - IAW 8260.191 8-6-10 (O).
8. ADDITIONAL FLIGHT DATA: UPDATED FINAL APPROACH COURSE OFFSET FROM 12.68 TO 12.67 DEGREES - NEW TARGETS CALCULATIONS.
9. ADDITIONAL FLIGHT DATA: ADDED "FICTITIOUS THRESHOLD POINT (CFFTG) DO NOT CHART." - IAW 8260.191 2-10-4A4.
10. MINIMUMS: ADDED LP MDA/HAT/VIS ALL CATS 480/474/1 - NEW LP MINIMA.
11. CHANGED FAF FIX NAME FROM KENVE TO RUTHV - ATC REQUEST.



AIRPORT ID
KSPG

PROCEDURE NAME
RNAV (GPS) RWY 18

ORIGINAL/AMENDMENT
2

CITY
ST PETERSBURG

STATE
FL

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: TPA APP CON, AMGR, SPG ATCT

FLIGHT CHECKED BY
WILLIAM M YINGLING

Digitally signed by
JOHN BORDY
Sep 24, 2024

OFFICE
FPO

DATE
09/19/2024

DEVELOPED BY
ERIC N SUSKI (DEVON KERCHER)

Digitally signed by
JOHN BORDY
Sep 24, 2024

OFFICE
AJV-A431

DATE
05/24/2023

APPROVED BY
JOHN BORDY

Digitally signed by
JOHN BORDY
Sep 24, 2024

OFFICE
AJV-A33

DATE
09/24/2024

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSPG
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	274605.4885N
LTP/FTP LONGITUDE	0823722.0740W
LTP/FTP ELLIPSOIDAL HEIGHT	-00228
FPAP LATITUDE	274438.4485N
FPAP LONGITUDE	0823659.4115W
THRESHOLD CROSSING HEIGHT (TCH)	00048.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	04.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	065E3E9B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00018
FPAP ORTHOMETRIC HEIGHT	+00018

