

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 7	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> ST PETERSBURG	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 7	<u>TDZE</u> 7	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 3F	<u>DATED</u> 11/03/2022	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SRQ VOR/DME		CWBIL		TF	FB	1.00	322.21	15.30	2000
PIE VORTAC		LOYIL		TF	FB	1.00	232.72	12.15	2000
CWBIL	IAF	PHIEL	NOPT	TF	FB	1.00	342.05	5.82	2000
LOYIL	IAF	PHIEL	NOPT	TF	FB	1.00	156.95	5.89	2000
PHIEL	IF/IAF	TONYJ		TF	FB	1.00	067.04	5.49	1700
TONYJ	FAF	RW07	MAP	TF	FO	0.30	067.06	4.70	
RW07	MAP	407 MSL		CA			067.06		
407 MSL		PHIEL		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT PHIEL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW PHIEL, RT, 067.04 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 067.06FAF: TONYJDIST FAF TO MAP: 4.70DIST FAF TO THLD: 4.70

4. MIN ALT: PHIEL 2000, TONYJ 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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW07 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 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIE VORTAC ON V35 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 547 BUILDING 274614N/0823819W.
CHART CIRCLING ICON.
TONYJ TO RW07: 3.31/40.1.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LNAV MDA	800	1	793	800	1 1/4	793	800	2 1/2	793		NA				
CIRCLING	800	1	793	800	1 1/4	793	800	2 1/2	793		NA				



CHANGES - REASONS

TERMINAL ROUTES: CHANGED PHIEL TO TONYJ COURSE/DISTANCE FROM 067.03/5.63 TO 067.04/5.49 AND INCREASED ALTITUDE FROM 1500 TO 1700 - NEW FAF LOCATION DUE TO MATCHING PROCEDURE TO RUNWAY VGSI AND TCH, AND INCREASED FAF TO KEEP FAF MOVEMENT TO A MINIMUM.

TERMINAL ROUTES: DELETED SEGMENT TONYJ TO RUTHV AND ADDED SEGMENT TONYJ TO RW07, CHANGED FAC/DISTANCE FROM 067.07/3.71 TO 067.06/4.70 - MAP PRIOR TO THLD NOT REQUIRED, NEW FAF LOCATION.

TERMINAL ROUTES: CHANGED MISSED APPROACH CA LEG FROM "RUTHV TO 1000 MSL WITH COURSE 067.07" TO "RW07 TO 407 MSL WITH COURSE 067.06", DELETED ALTITUDE 1000, AND CHANGED MISSED APPROACH DF LEG "FROM POINT" FROM 1000 MSL TO 407 MSL - MAP PRIOR TO THLD NOT REQUIRED AND ELIMINATED CLIMB-TO ALTITUDE FROM MISSED APPROACH.

MISSED APPROACH: MAP CHANGED FROM RUTHV TO RW07 - MAP PRIOR TO THLD NOT REQUIRED.

MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT PHIEL AND HOLD" TO "CLIMBING RIGHT TURN TO 2000 DIRECT PHIEL AND HOLD" - NO NEED FOR CLIMB-TO ALTITUDE OR NAMED MISSED APPROACH FIX.

LINE 2: CHANGED INBOUND COURSE FROM 067.03 TO 067.04 - ALIGNED WITH INTERMEDIATE SEGMENT COURSE.

LINE 3: CHANGED FAC FROM 067.07 TO 067.06, DIST FAF TO MAP FROM 3.71 TO 4.70, AND DIST FAF TO THLD FROM 4.56 TO 4.70 - NEW FAF LOCATION AND MAP MOVED TO RUNWAY THRESHOLD.

LINE 4: CHANGED MINIMUM ALTITUDE AT TONYJ FROM 1500 TO 1700 - FAF ALTITUDE.

LINE 8: CHANGES MSA FROM RUTHV 2700 TO RW07 2700 - RUTHV FIX CANCELLED, NEW MSA CENTER POINT.

NOTES: ADDED NOTE CIRCLING NA NW OF RWYS 7 AND 18 - PER FPT AND AIRPORT REQUEST, CIRCLING RESTRICTED TO AVOID CITY DEVELOPMENT.

NOTES: DELETED PLANVIEW NOTE PROCEDURE NA FOR ARRIVALS AT SRQ VOR/DME ON Q100 EASTBOUND - Q ROUTES 18000 & ABOVE, NOTE DOES NOT APPLY FOR PROCEDURES BELOW 18000.

ADDITIONAL FLIGHT DATA: DELETED VISUAL SEGMENT - OBSTACLES AND ADDED TONYJ TO RW07: 3.31/40.1 - IAW 8260.19I, 8-6-10.O.(1), VGSI/TCH UPDATED ON AIRPORT TO CLEAR OBSTACLES.

ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE FROM 491 BUILDING (12-103913) 274617N/0823803W TO 547 BUILDING 274614N/0823819W - CURRENT OBSTACLES; THE 547 BLDG PER 2019-ASO-16884-OE IS A PERMANENT STRUCTURE AND HAS YET TO BE ASSIGNED A STATE OBSTACLE NUMBER.

ALTERNATE MINIMUMS CHANGED FROM "STANDARD - CAT C 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT C 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - CURRENT VISIBILITY TABLE.

INCREASED LNAV MDA/HAT ALL CATS FROM 760/753 TO 800/793 AND CAT C VIS FROM 2 TO 2 1/2 AND INCREASED CIRCLING CAT C VIS FROM 2 1/4 TO 2 1/2 - CURRENT OBSTACLES AND VISIBILITY TABLES.

COORDINATED WITH:

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

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by
JASON KRETSCHMER
Feb 16, 2023

OFFICE

FPO

DATE

02/01/2023

DEVELOPED BY

DALE SICKELS

Digitally signed by
DALE P SICKELS

Jan 19, 2023

OFFICE

AJV-A421

DATE

11/09/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by
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Jan 24, 2023

OFFICE

AJV-A421

DATE

TITLE
MANAGER