

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 36	<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SUPERSEDED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 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 11/08/2018	<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>
JRGAL	IF/IAF	WHITD		TF	FB	1.00	356.89	6.60	1700
WHITD	FAF	BENWA	MAP	TF	FO	0.30	004.63	2.98	
BENWA	MAP	407 MSL		CA			004.63		
407 MSL		JRGAL		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LNAV: BENWA

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2000 DIRECT JRGAL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S JRGAL, RT, 356.89 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 004.63 FAF: WHITD DIST FAF TO MAP: 2.98 DIST FAF TO THLD: 3.88
- MIN ALT: JRGAL 2000, WHITD 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: BENWA 2800



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 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JRGAL ON V579 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

FAS OBST: 205 AAO 274225N/0823820W.

CHART CIRCLING ICON.

WHITD TO RW36: 4.00/45.0.

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		
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	540	1 1/8	534	540	1 1/8	534		NA			NA				
CIRCLING	540	1 1/4	533	540	1 1/4	533		NA			NA				

CHANGES - REASONS

TERMINAL ROUTES: CHANGED JRGAL TO WHITD COURSE/DISTANCE FROM 355.54/5.66 TO 356.89/6.60 AND ALTITUDE FROM 1600 TO 1700 - NEW FAF LOCATION DUE TO MATCHING PROCEDURE TO RUNWAY VGSI AND TCH, AND INCREASED FAF ALTITUDE FROM 1600 TO 1700 TO KEEP FINAL SEGMENT LENGTH REDUCTION TO A MINIMUM.

TERMINAL ROUTES: CHANGED WHITD TO BENWA COURSE/DISTANCE FROM 004.64/3.96 TO 004.63/2.98 - NEW FAF AND MAP LOCATION MOVED TO AVOID NEW MISSED APPROACH PENETRATION 547 BUILDING 2019-ASO-16884-OE, BUT KEEP THE LNAV MDA AT THE SAME ALTITUDE.

TERMINAL ROUTES: CHANGED MISSED APPROACH CA LEG "TO" POINT AND DF LEG "FROM" POINT FROM 500 MSL TO 407 MSL, ADDED COURSE 004.63, AND REMOVED 500 FROM ALTITUDE BLOCK, AND CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 200 DIRECT JRGAL AND HOLD" TO "CLIMBING RIGHT TURN TO 2000 DIRECT JRGAL AND HOLD" - STANDARD TURN ALTITUDE ALLOWABLE DUE TO MAP MOVED TO AVOID A MISSED APPROACH PENETRATION.

LINE 2: CHANGED INBOUND COURSE AT JRGAL FROM 355.54 TO 356.89 - ALIGN WITH INTERMEDIATE COURSE.

LINE 3: CHANGED FAC FROM 004.64 TO 004.63, DIST FAF TO MAP FROM 3.96 TO 2.98, AND DIST FAF TO THLD FROM 4.82 TO 3.88 - CURRENT DESIGN AND NEW FAF AND MAP LOCATION.

LINE 4: CHANGED WHITD ALTITUDE FROM 1600 TO 1700 - CHANGED VDA TO MATCH VGSI AND KEEP THE FAF RELOCATION CHANGE TO A MINIMUM.

PBN REQUIREMENTS NOTE: CHANGED NOTE FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I, 8-6-8.B.(2).

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

NOTES: DELETED VGSI AND DESCENT ANGLE NON-COINCIDENT NOTE - PROCEDURE ALIGNED WITH RUNWAY VGSI AND TCH.

ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM WHITD TO RW36: 3.04/40 TO WHITD TO RW36: 4.00/45.0 - MATCHING PROCEDURE TO RUNWAY VGSI AND TCH.

ADDITIONAL FLIGHT DATA: DELETED CHART FAS OBST: 200 SHIP 274533N/0823729W AND ADDED FAS OBST: 205 AAO 274225N/0823820W - REVISED CONTROLLING OBSTRUCTION.

ALTERNATE MINIMUMS CHANGED FROM "CAT A, B 900-2" TO "STANDARD, NA WHEN LOCAL WEATHER NOT AVAILABLE" - LOWER CIRCLING MINS, IAW 8260.19I, 8-6-11.B.(4).

INCREASED LNAV CAT A AND B VISIBILITY FROM 1 TO 1 1/8 - DISTANCE MAP TO THLD INCREASED TO 0.90 NM OR 5468.19 FEET.

LOWERED CIRCLING MDA/HAA CATS A AND B FROM 860/853 TO 540/533 - CURRENT OBSTACLES DUE TO RESTRICTING CIRCLING NW OF RWYS 7/18.



AIRPORT ID
KSPG

PROCEDURE NAME
RNAV (GPS) RWY 36

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

ERIC L GEYER

Digitally signed by

JASON KRETSCHMER

Feb 16, 2023

OFFICE

FPO

DATE

02/14/2023

DEVELOPED BY

DALE SICKELS

Digitally signed by

DALE P SICKELS

Jan 19, 2023

OFFICE

AJV-A421

DATE

09/11/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Jan 24, 2023

OFFICE

AJV-A421

DATE

TITLE

MANAGER