

**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> KPRG | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 27 | <u>ORIGINAL/AMENDMENT</u> 1C | <u>CITY</u> PARIS | <u>STATE</u> IL | | |
| <u>AIRPORT ELEVATION</u> 654 | <u>TDZE</u> 651 | <u>SUPERSEDED</u> RNAV (GPS) RWY 27 | <u>ORIGINAL/AMENDMENT</u> 1B | <u>DATED</u> 01/03/2019 | <u>MAG VAR</u> 4W | <u>EPOCH YEAR</u> 2020 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021 | <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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| JAZZY | IAF | FINED | NOPT | TF | FB | 1.00 | 184.37 | 14.06 | 2300 |
| TTH VORTAC | IAF | FINED | NOPT | TF | FB | 1.00 | 332.23 | 15.29 | 2300 |
| WAVEL | IAF | FINED | NOPT | TF | FB | 1.00 | 240.55 | 12.73 | 2300 |
| FINED | IF/IAF | DECPA | | TF | FB | 1.00 | 272.44 | 6.01 | 2300 |
| DECPA | FAF | RW27 | MAP | TF | FO | 0.30 | 272.36 | 5.05 | |
| RW27 | MAP | 1120 MSL | | CA | | | 272.36 | | 1120 |
| 1120 MSL | | FINED | | DF | FO | 1.00 | | | 2300 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1120 THEN CLIMBING LEFT TURN TO 2300 DIRECT FINED AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD E FINED, RT, 272.44 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 272.36 FAF: DECPA DIST FAF TO MAP: 5.05 DIST FAF TO THLD: 5.05

4. MIN ALT: FINED 2300, DECPA 2300

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT:

6. MIN GP INCPT: 2300 GP ALT AT FAF : DECPA 2300 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW27 3000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JAZZY ON V434 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TTH VORTAC AIRWAY RADIALS 254 CW 303.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
FAS OBST: 815 AAO 394139N/0873435W.
CHART VDP AT 1.20 NM TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 61239
REFERENCE PATH ID: W27A
LTP HAE: 166.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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 |
| LPV DA | 901 | 1 | 250 | 901 | 1 | 250 | 901 | 1 | 250 | 901 | 1 | 250 | | | |
| LNAV/VNAV DA | 925 | 1 | 274 | 925 | 1 | 274 | 925 | 1 | 274 | 925 | 1 | 274 | | | |
| LNAV MDA | 1080 | 1 | 429 | 1080 | 1 | 429 | 1080 | 1 1/4 | 429 | 1080 | 1 1/4 | 429 | | | |
| CIRCLING | 1080 | 1 | 426 | 1120 | 1 | 466 | 1200 | 1 1/2 | 546 | 1320 | 2 | 666 | | | |



CHANGES - REASONS

1. INCREASED CIRCLING CAT C MDA/HAA FROM 1180/526 TO 1200/546. - NEW CIRCLING CONTROLLING OBSTACLE.
2. TERMINAL ROUTES: CA LEG ALTITUDE UPDATED FROM 1100 MSL TO 1120 MSL. - CA LEG ALTITUDE MUST BE GREATER THAN OR EQUAL TO SECTION 2 START ALTITUDE.
3. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1100 THEN . . ." TO "CLIMB TO 1120 THEN . . ." - CA LEG ALTITUDE MUST BE GREATER THAN OR EQUAL TO SECTION 2 START ALTITUDE.
4. ADDED CHART PLANVIEW NOTE: PROCEDURE NA AT JAZZY ON V434 WESTBOUND. - TURN EXCEEDS 90 DEGREES.
5. FAS DATA: FPAP LATITUDE AND LONGITUDE UPDATE FROM 394158.5715N/0874137.2740W TO 394158.5530N/0874137.2730W. - TARGETS EVALUATION.
6. FAS DATA: CRC REMAINDER UPDATED FROM B47726A9 TO 9756B3C6. - FPAP LATITUDE AND LONGITUDE UPDATED.
7. CHANGED ALTERNATE MINIMUMS FROM STANDARD TO STANDARD, NA WHEN LOCAL WEATHER NOT AVAILABLE - PER MEMO 266 ATTACHMENT 4.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, HUF APP CON, AMGR

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by

JON DENTON

Jan 04, 2021

OFFICE

FICO

DATE

12/29/2020

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by

JON DENTON

Jan 04, 2021

OFFICE

AJV-A432

DATE

09/23/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Jan 04, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KPRG |
| RUNWAY | RW27 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W27A |
| LTP/FTP LATITUDE | 394201.2445N |
| LTP/FTP LONGITUDE | 0873941.8870W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01662 |
| FPAP LATITUDE | 394158.5530N |
| FPAP LONGITUDE | 0874137.2730W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00040.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1376 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| | |
| CRC REMAINDER | 9756B3C6 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +01983 |
| FPAP ORTHOMETRIC HEIGHT | +01983 |