

**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> KPEQ | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 32 | <u>ORIGINAL/AMENDMENT</u> ORIG-C | <u>CITY</u> PECOS | <u>STATE</u> TX | | |
| <u>AIRPORT ELEVATION</u> 2613 | <u>TDZE</u> 2605 | <u>SUPERSEDED</u> RNAV (GPS) RWY 32 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <u>DATED</u> 02/01/2018 | <u>MAG VAR</u> 9E | <u>EPOCH YEAR</u> 1995 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| FST VORTAC | | NUBIY | | TF | FB | 1.00 | 297.63 | 15.36 | 5100 |
| INK VORTAC | | LEYIS | | TF | FB | 1.00 | 168.08 | 34.64 | 4500 |
| NUBIY | IAF | HUGPA | NOPT | TF | FB | 1.00 | 297.50 | 10.00 | 4500 |
| LEYIS | IAF | HUGPA | NOPT | TF | FB | 1.00 | 227.36 | 10.00 | 4500 |
| HUGPA | IF/IAF | ONCAQ | | TF | FB | 1.00 | 317.28 | 7.25 | 4300 |
| ONCAQ | FAF | EVOQU/1.80 NM TO RW32 | | TF | FB | 0.30 | 317.24 | 3.41 | |
| EVOQU/1.80 NM TO RW32 | | RW32 | MAP | TF | FO | 0.30 | 317.24 | 1.80 | |
| RW32 | MAP | 2805 MSL | | CA | | | 317.24 | | |
| 2805 MSL | | WALOM | | DF | FO | 1.00 | | | 4600 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4600 DIRECT WALOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE HUGPA, LT, 317.28 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 317.24FAF: ONCAQDIST FAF TO MAP: 5.21DIST FAF TO THLD: 5.21

4. MIN ALT: HUGPA 4500, ONCAQ 4300, EVOQU/1.80 NM TO RW32 3200

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.51GS ANT:

6. MIN GP INCPT: 4300GP ALT AT PFAF : ONCAQ 4300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW32 5000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WINK ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FST VORTAC AIRWAY RADIALS 222 CW 021.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INK VORTAC ON V16-94.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINK ALTIMETER SETTING: INCREASE LPV DA TO 2900 FEET, LNAV/VNAV DA TO 2950 FEET AND ALL VISIBILITIES 1/4 SM;
INCREASE ALL MDA 100 FEET AND VISIBILITY CAT C AND LNAV CAT D 1/4 SM.
CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 137.14 INBOUND.
CHART FAS OBST: 2674 TRANSMISSION_LINE (48-131738) 312123N/1033010W.
CHART VDP AT 0.94 NM TO RW32.
WAAS CHANNEL # 69629
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: 768.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 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 |
| LPV DA | 2805 | 3/4 | 200 | 2805 | 3/4 | 200 | 2805 | 3/4 | 200 | 2805 | 3/4 | 200 | | | |
| LNAV/VNAV DA | 2855 | 3/4 | 250 | 2855 | 3/4 | 250 | 2855 | 3/4 | 250 | 2855 | 3/4 | 250 | | | |
| LNAV MDA | 2940 | 1 | 335 | 2940 | 1 | 335 | 2940 | 1 | 335 | 2940 | 1 | 335 | | | |
| CIRCLING | 3060 | 1 | 447 | 3140 | 1 | 527 | 3360 | 2 1/4 | 747 | 3360 | 2 1/2 | 747 | | | |

CHANGES - REASONS

1. REMOVED NOTE: " DME/DME RNP 0.3 NA" AND ADDED "RNP APCH-GPS" FOR PBN REQUIREMENTS NOTE- IAW 8260.19I 8-6-8.
2. REMOVED FAHRENHEIT REFERENCES FROM CHART NOTE AND CHANGED UNCOMPENSATED BARO-VNAV HIGH TEMP FROM "27C" TO "54C" -IAW 8260.19I 8-6-12.
3. CHANGED LNAV/VNAV VIS FROM "7/8 SM" TO "3/4 SM" - IAW 8260.3E TABLE 3-3-1.
4. CHANGED CIRCLING CAT A MDA/HAA FROM "3020/407" TO "3060/447" DUE TO NEW CONTROLLING OBSTACLE.
5. CHANGED CIRCLING CAT B MDA/HAA FROM "3080/467" TO "3140/527" DUE TO NEW CONTROLLING OBSTACLE.
6. CHANGED CIRCLING CAT C MDA/VIS/HAA FROM "3120/1 1/2/507" TO "3360/ 2 1/4/747" DUE TO NEW CONTROLLING OBSTACLE.
7. CHANGED CIRCLING CAT D MDA/VIS/HAA FROM "3180/2/567" TO "3360/2 1/2/747" DUE TO NEW CONTROLLING OBSTACLE.
8. CHARTED VDP DISTANCE IAW 8260.19I PARA 8-6-10.
9. CHANGED NOTE FROM "BARO-VNAV NA WHEN USING WINK ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING WINK ALTIMETER SETTING." - IAW 8260.19I PARA 8-6-11.
10. ADDED CHART CIRCLING ICON IAW 8260.19I 8-7-1 D.11.
11. CHANGED CHART NOTE: FROM " WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINK ALTIMETER SETTING: INCREASE LPV DA TO 2900 FEET, LNAV/VNAV DA TO 2950 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDA 100 FEET AND VISIBILITY CAT C AND LNAV CAT D 1/4 SM." TO " WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINK ALTIMETER SETTING: INCREASE LPV DA TO 2900 FEET, LNAV/VNAV DA TO 2950 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDA 100 FEET AND VISIBILITY CAT C AND LNAV CAT D 1/4 SM." IAW 8260.19I PARA 8-6-11.
12. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.
13. CHANGED FAS OBST FROM: "2672 T-L TWR 312124N/1033010W" TO "2674 TRANSMISSION_LINE (48-131738) 312123N/1033010W" DUE TO NEW CONTROLLING OBSTACLE & IAW 8260.19I PARA 8-6-10.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB ARTC, AMGR, INK FSS, ZAB ATCT

FLIGHT CHECKED BY

MARK S CORDEIRO

*Digitally signed by***DAVID TEFFETELLER****OFFICE**

FPO

DATE

10/29/2021

DEVELOPED BY

STEVEN M. BARNETT (TEVAR MALONE)

Digitally signed by Nov 02, 2021**DAVID TEFFETELLER****OFFICE**

AJV-A433

DATE

05/20/2021

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DAVID TEFFETELLER**

Nov 02, 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 | KPEQ |
| RUNWAY | RW32 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W32A |
| LTP/FTP LATITUDE | 312238.2475N |
| LTP/FTP LONGITUDE | 1033021.3640W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +07683 |
| FPAP LATITUDE | 312352.4600N |
| FPAP LONGITUDE | 1033119.2600W |
| 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 | 0848 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |
| | |
| CRC REMAINDER | FD811A0C |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K4 |
| LTP ORTHOMETRIC HEIGHT | +07928 |
| FPAP ORTHOMETRIC HEIGHT | +07928 |