

**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</u><br>UNIVERSITY OF OKLAHOMA<br>WESTHEIMER | <u>AIRPORT ID</u><br>KOUN        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 18    | <u>ORIGINAL/AMENDMENT</u><br>2B           | <u>CITY</u><br>NORMAN      | <u>STATE</u><br>OK        |
| <u>AIRPORT ELEVATION</u><br>1182                       | <u>TDZE</u><br>1182              | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 18        | <u>ORIGINAL/AMENDMENT</u><br>2A           | <u>DATED</u><br>05/24/2018 | <u>MAG VAR</u><br>3E      |
| <u>FACILITY</u><br>RNAV                                | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u><br>26 MARCH 2020 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      | <u>EPOCH YEAR</u><br>2020 |

**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> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| OVAYE                 | IAF             | PEDIY                 |                 | TF              | FB           | 1.00       | 176.65        | 5.49            | 4000            |
| POMPL                 | IAF             | PEDIY                 |                 | TF              | FB           | 1.00       | 115.40        | 9.62            | 4000            |
| PEDIY                 | IF              | RIBPO                 |                 | TF              | FB           | 1.00       | 176.64        | 6.43            | 3000            |
| RIBPO                 | FAF             | DABSE/3.00 NM TO RW18 |                 | TF              | FB           | 0.30       | 176.66        | 2.55            |                 |
| DABSE/3.00 NM TO RW18 |                 | RW18                  | MAP             | TF              | FO           | 0.30       | 176.66        | 3.00            |                 |
| RW18                  | MAP             | 1382 MSL              |                 | CA              |              |            | 176.66        |                 |                 |
| 1382 MSL              |                 | HUSIP                 |                 | DF              | FB           | 1.00       |               |                 |                 |
| HUSIP                 |                 | COFIX                 |                 | TF              | FO           | 1.00       | 184.43        | 8.43            | 3000            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW18

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT HUSIP AND TRACK 184.43 TO COFIX AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. PROFILE STARTS AT PEDIY
3. FAC: 176.66      FAF: RIBPO      DIST FAF TO MAP: 5.55      DIST FAF TO THLD: 5.55
4. MIN ALT: PEDIY 4000, RIBPO 3000, DABSE/3.00 NM TO RW18 2180\*
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      200 HAT: 0.47      GS ANT:      MM:      IM:
6. MIN GP INCPT: 3000      GP ALT AT FAF : RIBPO 3000      OM:
7. GP ANGLE: 3.00      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 50.9
8. MSA FROM: RW18 3800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OVAYE ON V354 NORTHEAST BOUND.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.  
CHART NOTE: CIRCLING NA SE OF RWY 3-21.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.26 NM TO RW18\*  
\*LNAV ONLY  
WAAS CHANNEL #58302  
REFERENCE PATH ID: W18A  
CHART FAS OBST: 1385 TOWER 351834N/0972759W.  
HOLD SE, RT, 335.28 INBOUND  
LTP HAE: 333.5 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       | 1382   | 1/2 | 200     | 1382   | 1/2 | 200     | 1382   | 1/2   | 200     | 1382   | 1/2   | 200     |        |     |         |
| LNAV/VNAV DA | 1490   | 1/2 | 308     | 1490   | 1/2 | 308     | 1490   | 1/2   | 308     | 1490   | 1/2   | 308     |        |     |         |
| LNAV MDA     | 1640   | 1/2 | 458     | 1640   | 1/2 | 458     | 1640   | 7/8   | 458     | 1640   | 7/8   | 458     |        |     |         |
| CIRCLING     | 1660   | 1   | 478     | 1660   | 1   | 478     | 1940   | 2 1/4 | 758     | 1940   | 2 1/2 | 758     |        |     |         |

QUALITY  
6  
CHECKED

CHANGES - REASONS

1. 20:1 IS CLEAR ADDED - DOCUMENTATION REQUIREMENT.
2. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - 8260.19H 4-6-10.E.
3. ADDED "PBN REQUIREMENTS NOTE: RNP APCH" - 8260.19H 8-6-8.
4. MOVED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WILL ROGERS WORLD ALTIMETER SETTING." AND "CHART NOTE; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE LPV DA TO 1423 FEET, LNAV/VNAV DA TO 1494 FEET; INCREASE ALL MDA 60 FEET: INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE." FROM -3 NOTES TO -9 REMARKS SECTION. - KOUN IS ON WMSCR, KOKC IS CONTINGENCY ALTIMETER.
5. CHANGED ADDITIONAL FLIGHT DATA NOTE "CHART VDP AT 1.07 NM TO RW18\*" TO "CHART VDP AT 1.26 NM TO RW18\*" - NEW OBSTACLE EVALUATION.
6. CHANGED FAS OBSTACLE FROM 1318 TREE 351754N/0972818W TO 1385 TOWER 351834N/0972759W - NEW OBSTACLE EVALUATION.
7. CHANGED LNAV/VNAV DA/HAT FROM 1453/271 TO 1490/308 - NEW OBSTACLE EVALUATION.
8. CHANGED LNAV MDA/HAT FROM 1580/398 TO 1640/458 AND CAT C AND D VISIBILITY FROM 5/8 TO 7/8 - NEW OBSTACLE EVALUATION. CLEARS NOTAM 8/1448.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: OKC APP CON, OUN ACTC, ST. AV. DIR., AIRPORT MANAGER

FLIGHT CHECKED BY

JEFFREY A FINDLEY

DEVELOPED BY

FRANK MOORE

APPROVED BY

GEORGE DAVIS

Digitally signed by

DAVID TEFFETELLER

Dec 10, 2019

Digitally signed by

FRANK MOORE

Oct 28, 2019

Digitally signed by

DAVID TEFFETELLER

Dec 10, 2019

OFFICE

FICO

OFFICE

AJV-A433

OFFICE

AJV-A430

DATE

12/3/19

DATE

10/07/2019

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

| DATA FIELD                               | DATA          |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KOUN          |
| RUNWAY                                   | RW18          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W18A          |
| LTP/FTP LATITUDE                         | 351523.1830N  |
| LTP/FTP LONGITUDE                        | 0972823.2115W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +03335        |
| FPAP LATITUDE                            | 351353.9445N  |
| FPAP LONGITUDE                           | 0972822.5655W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00050.9       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1168          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 35.0          |
| CRC REMAINDER                            | A494F8A5      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +03602 |
| FPAP ORTHOMETRIC HEIGHT | +03602 |

