

**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> KAUS | <u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 36R | <u>ORIGINAL/AMENDMENT</u> 2A | <u>CITY</u> AUSTIN | <u>STATE</u> TX | | |
| <u>AIRPORT ELEVATION</u> 542 | <u>TDZE</u> 480 | <u>SUPERSEDED</u> RNAV (GPS) Y RWY 35R | <u>ORIGINAL/AMENDMENT</u> 2 | <u>DATED</u> 12/07/2017 | <u>MAG VAR</u> 4E | <u>EPOCH YEAR</u> 2020 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021 | <u>REQUIRED EFFECTIVE DATE</u> 04/22/2021 | <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> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| BALD | IAF | SSHOE | | TF | FB | 1.00 | 354.70 | 8.73 | 2500 |
| SSHOE | IF | FNNLY | | TF | FB | 1.00 | 354.70 | 3.02 | 1600 |
| FNNLY | FAF | RW36R | MAP | TF | FO | 0.30 | 354.70 | 3.37 | |
| RW36R | MAP | 1000 MSL | | CA | | | 354.70 | | 1000 |
| 1000 MSL | | HOOKK | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HOOKK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

| | | | | | |
|----------------------------|------------------------------------|-----------------|-----------------------|------------------------|----------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. PROFILE STARTS AT BALLD | | | | | |
| 3. FAC: | 354.70 | FAF: FNNLY | DIST FAF TO MAP: 3.37 | DIST FAF TO THLD: 3.37 | |
| 4. MIN ALT: | BALLD 4000, SSHOE 2500, FNNLY 1600 | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 200 HAT: 0.48 | GS ANT: |
| 6. MIN GP INCPT: | 1600 | GP ALT AT FAF : | FNNLY 1600 | OM: | MM: |
| 7. GP ANGLE: | 3.00 | 34:1: | IS CLEAR | 20:1: | IS CLEAR |
| | | | TCH: | 52.4 | |
| 8. MSA FROM: | RW36R 3100 | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D/E VISIBILITY TO1 3/8 SM.

ADDITIONAL FLIGHT DATA:

800 AAO 300723N/0973900W
CHART CIRCLING ICON.
HOLD E, RT, 267.66 INBOUND.
CHART FAS OBST: 696 TRANSMISSION_LINE 300820N/0973949W.
CHART VDP AT 1.46 NM TO RW36R*
*LNAV ONLY.
WAAS CHANNEL # 99429
REFERENCE PATH ID: W36B
LTP HAE: 118.3 M



AIRPORT ID
KAUS

PROCEDURE NAME
RNAV (GPS) Y RWY 36R

ORIGINAL/AMENDMENT
2A

CITY
AUSTIN

STATE
TX

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT E 1000-3

| 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 | 680 | 1800 | 200 | 680 | 1800 | 200 | 680 | 1800 | 200 | 680 | 1800 | 200 | 680 | 1800 | 200 |
| LNAV/VNAV DA | 970 | 5000 | 490 | 970 | 5000 | 490 | 970 | 5000 | 490 | 970 | 5000 | 490 | 970 | 5000 | 490 |
| LNAV MDA | 1000 | 2400 | 520 | 1000 | 2400 | 520 | 1000 | 5500 | 520 | 1000 | 5500 | 520 | 1000 | 5500 | 520 |
| CIRCLING | 1040 | 1 | 498 | 1100 | 1 | 558 | 1200 | 1 3/4 | 658 | 1200 | 2 | 658 | 1520 | 3 | 978 |

CHANGES - REASONS

- CHANGED PROCEDURE NAME FROM RNAV (GPS) 35R TO RNAV (GPS) RWY 36R - RUNWAY NUMBER CHANGED
- PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I 8-6-7 G(3); NO 20:1 PENETRATIONS EXIST.
- REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENT NOTES - PER 8260.19H, PARA. 8-6-8B(1) SINCE THIS PARAGRAPH IN THE .19I IS DEFERRED UNTIL CHART CYCLE 6/17/2021.
- NOTES - CHANGED UNCOMPENSATED BARO NOTE FROM -6C/54C TO -5C/54C - UPDATED 5 YEAR HISTORY FROM 2012-2016 TO 2015-2019
- REMOVED "PROVIDING RNAV TRACK GUIDANCE" FROM USE OF FD OR AP REQUIRED FOR SIMULTANEOUS OPS NOTE - IAW 8260.19I PARA 8-6-11, O, 8(D)
- ADDITIONAL FLIGHT DATA - FAS OBST CHANGED FROM 694 T-L TWR 300825N/0973947W TO 696 TRANSMISSION_LINE 300820N/0973949W - NEW TARGETS EVALUATION
- LNAV/VNAV DA/HAT ALL CATS CHANGED FROM 971/491 TO 970/490 - NEW EVALUATION USING TARGETS, IPDS USED FOR PREVIOUS EVALUATION
- CHANGED CHART VDP "FROM 1.46 NM TO RW35R" TO "1.46 NM TO RW36R" - RUNWAY NUMBER CHANGED.
- FAS DATA - REFERENCE PATH ID CHANGED FROM W35B TO W36B - RUNWAY NUMBER CHANGED
- FAS DATA - FPAP LONGITUDE CHANGED FROM 0973928.4140W TO 0973928.4135W- UPDATED TARGETS EVALUATION
- FAS DATA - CRC REMAINDER CHANGED FROM 7842B596E TO 9DA864B4 - RUNWAY NUMBER/FPAP LONGITUDE CHANGED

COORDINATED WITH:

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

FLIGHT CHECKED BY
JEFFREY A FINDLEY
Digitally signed by
ALLAN WILL
Mar 15, 2021

OFFICE
FICO
DATE
02/28/2021

DEVELOPED BY
JOSEPH BLANCO
Digitally signed by
JOSEPH A BLANCO
Jan 08, 2021

OFFICE
DATE
12/04/2020

APPROVED BY
MARLON ROBINSON
Digitally signed by
ALLAN WILL
Mar 15, 2021

OFFICE
AJV-A420
DATE
TITLE
MANAGER

QUALITY
22
CHECKED

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KAUS |
| RUNWAY | RW36R |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | Y |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W36B |
| LTP/FTP LATITUDE | 301044.7275N |
| LTP/FTP LONGITUDE | 0973926.0760W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01183 |
| FPAP LATITUDE | 301214.0165N |
| FPAP LONGITUDE | 0973928.4135W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00052.4 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0008 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |
| | |
| CRC REMAINDER | 9DA864B4 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K4 |
| LTP ORTHOMETRIC HEIGHT | +01444 |
| FPAP ORTHOMETRIC HEIGHT | +01444 |