

**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 18R	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 542	<u>TDZE</u> 542	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 17R	<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>
CHADE	IAF	UTEEE		TF	FB	1.00	174.70	5.48	2800
HOUKM	IAF	UTEEE		TF	FB	1.00	144.71	7.01	2800
JEDYE	IAF	UTEEE		TF	FB	1.00	210.40	3.89	2800
UTEEE	IF	ELLBJ		TF	FB	1.00	174.68	3.77	1600
ELLBJ	FAF	RW18R	MAP	TF	FO	0.30	174.68	3.14	
RW18R	MAP	1000 MSL		CA			174.68		1000
1000 MSL		GARDS		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3500 DIRECT GARDS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT UTEEE

3. FAC: 174.68

FAF: ELLBJ

DIST FAF TO MAP: 3.14

DIST FAF TO THLD: 3.14

4. MIN ALT: UTEEE 2800, ELLBJ 1600

5. DIST TO THLD FROM FAF: 3.14

MM:

IM:

150 HAT:

200 HAT: 0.44

GS ANT:

6. MIN GP INCPT: 1600

GP ALT AT FAF : ELLBJ 1600

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 59.3

8. MSA FROM: RW18R 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

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: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500; INCREASE LNAV CAT E VISIBILITY TO RVR 5500.
CHART SPEED ICON IN PLANVIEW AT HOUKM: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT JEDYE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 042.05 INBOUND.
CHART FAS OBST: 661 TRANSMISSION LINE 301242N/0974129W.
750 AAO 301608N/0974014W.
CHART VDP AT 0.93 NM TO RW18R
WAAS CHANNEL # 77530
REFERENCE PATH ID: W18B
CHART MANDATORY 5000 AT HOUKM.
CHART MANDATORY 4000 AT JEDYE.
CHART CIRCLING ICON.
LTP HAE: 139 M



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	742	4000	200	742	4000	200	742	4000	200	742	4000	200	742	4000	200
LNAV/VNAV DA	834	4000	292	834	4000	292	834	4000	292	834	4000	292	834	4000	292
LNAV MDA	900	4000	358	900	4000	358	900	4000	358	900	4000	358	900	4000	358
CIRCLING	1040	1	498	1100	1	558	1200	1 3/4	658	1200	2	658	1520	3	978

CHANGES - REASONS

1. UPDATED PROCEDURE NAME AND ALL RUNWAY SPECIFIC NOTES FROM "17" TO "18" -- RUNWAY RENUMBERING.
2. UPDATED COURSE/DISTANCE/ALTITUDE IN SEGMENT HOUKM TO UTEEE FROM "147.56/7.68/2500" TO "144.71/7.01/2800" -- UTEEE FIX RELOCATED PER FPT TO MEET 8260.58A CRITERIA.
3. UPDATED COURSE/DISTANCE/ALTITUDE IN SEGMENT JEDYE TO UTEEE FROM "204.74/4.54/2500" TO "210.40/3.89/2800" -- UTEEE FIX RELOCATED PER FPT TO MEET 8260.58A CRITERIA.
4. REMOVED BRAZA ASSOCIATED SEGMENTS IN TERMINAL ROUTES AND ADDED INTERMEDIATE SEGMENT UTEEE TO ELLBJ -- BRAZA SDF REMOVED AND UTEEE FIX RELOCATED PER FPT.
5. ADDED "DIST TO THLD FROM FAF: 3.14" IN PROFILE LINE 5 -- UPDATED IAW 8260.19I, 8-6-7.E.
6. ADDED "200 HAT: 0.44" TO PROFILE LINE 5 -- UPDATED IAW 8260.19I, 8-6-7.E(3).
7. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; 8260.19I, 8260.19I, 8-6-7.G(3)(A).
8. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
9. REMOVED "PROVIDING RNAV TRACK GUIDANCE" FROM USE OF FD OR AP DURING SIMULTANEOUS OPERATIONS NOTE -- NO LONGER REQUIRED PER CURRENT CRITERIA.
10. UPDATED UNCOMPENSATED BARO-VNAV NOTE FROM "BELOW -6C (22F) OR ABOVE 54C (130F)" TO "BELOW -5C OR ABOVE 54C" -- RECALCULATED HISTORICAL TEMPERATURES 2015-2019; UPDATED IAW 8260.19I, 8-6-9.R.
11. ADDED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV" -- NO CHANGE TO LPV VISIBILITIES WITH ALS INOPERATIVE.
12. ADDED CHART SPEED ICON IN PLANVIEW NOTES "AT HOUKM: MAX 210 KIAS" AND "AT JEDYE: MAX 210 KIAS" -- FPT REQUEST.
13. UPDATED CHART FAS OBST FROM "644 TREE 301302N/0974126W" TO "661 TRANSMISSION LINE 301242N/0974129W" -- NEW SURVEY DATA.
14. ADDED CHART NOTES "MANDATORY 5000 AT HOUKM" AND "MANDATORY 4000 AT JEDYE" IN ADDITIONAL FLIGHT DATA -- FPT REQUEST.
15. CRC REMAINDER CHANGED FROM "092F03C3" TO "3A245FC6" -- REFERENCE PATH ID CHANGED FROM "W17B" TO "W18B", FPAP LATITUDE CHANGED FROM "301047.7955N" TO "301047.7960N".

03/16/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/10/20:
CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO 04/22/2021 - PROCEDURE REQUIRES HARD DATE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

Digitally signed by
JASON KRETSCHMER

OFFICE

DATE

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

Mar 16, 2021
Digitally signed by
JASON KRETSCHMER

OFFICE

AJV-A421

DATE

12/10/2020

APPROVED BY

MARLON ROBINSON

Mar 16, 2021
Digitally signed by
JASON KRETSCHMER
Mar 16, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUS
RUNWAY	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18B
LTP/FTP LATITUDE	301249.0180N
LTP/FTP LONGITUDE	0974045.7130W
LTP/FTP ELLIPSOIDAL HEIGHT	+01390
FPAP LATITUDE	301047.7960N
FPAP LONGITUDE	0974042.5085W
THRESHOLD CROSSING HEIGHT (TCH)	00059.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	3A245FC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01650
FPAP ORTHOMETRIC HEIGHT	+01650

