

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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 (RNP) Z RWY 18L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 542	<u>TDZE</u> 492	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 17L	<u>ORIGINAL/AMENDMENT</u> 1	<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>	<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>
HOUKM	IAF	RRTOO		TF	FB	1.00	142.28	8.59	2500
JEDYE	IAF	RRTOO		TF	FB	1.00	189.74	4.50	2500
TRPPN	IAF	RUBZZ		TF	FB	1.00	354.60	3.14	5000
RUBZZ	IF	DREPL		TF	FB	1.00	354.69	3.26	3900
DREPL		SWMMP		RF	FB	1.00	(2.36 NM RADIUS CW (CFDVD))	3.71	2900
SWMMP		TGONE		TF	FB	0.30	084.68	0.64	2500
TGONE		HUDDD		RF	FB	0.30	(2.82 NM RADIUS CW (CFVHS))	2.23	2300
HUDDD		DDTOO		RF	FB	0.30	(2.82 NM RADIUS CW (CFCDT))	2.21	1600
RRTOO	IF	DDTOO		TF	FB	1.00	174.70	3.04	1600
XWING	IF	HANNN		TF	FB	1.00	291.36	3.00	3100
SMRFF	IF	LAYYA		TF	FB	1.00	354.72	4.07	3900
LAYYA		HANNN		RF	FB	1.00	(2.36 NM RADIUS CCW (CFPLS))	2.61	3100
HANNN		NEEMS		RF	FB	1.00	(2.36 NM RADIUS CCW (CFLTX))	2.28	2400
NEEMS		DDTOO		RF	FB	1.00	(2.36 NM RADIUS CCW (CFLTX))	2.53	1600
DDTOO	PFAF	RW18L	MAP	TF	FO	0.30	174.70	3.29	
RW18L	MAP	1000 MSL		CA			174.70		1000
1000 MSL		HOOKK		DF	FO	1.00			3000

QUALITY  
48  
CHECKED

MISSED APPROACH

MAP:  
RNP: DA

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 1000 THEN CLIMBING LEFT 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 DDTOO					
3. FAC:	174.70	PFAF: DDTOO	DIST PFAF TO MAP:		DIST PFAF TO THLD:
4. MIN ALT:	DDTOO 1600				
5. DIST TO THLD FROM PFAF:	3.29	MM:	IM:	150 HAT:	333 HAT: 0.86
6. MIN GP INCPT:	1600	GP ALT AT PFAF :		DDTOO 1600	OM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 60.5	GS ANT:
8. MSA FROM:	RW18L 3100				
					MM: IM:

PBN REQUIREMENTS NOTE:

RADAR REQUIRED.  
RNP AR APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -5°C OR ABOVE 54°C.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE AT TRPPN: (RNP 0.30).  
CHART PLANVIEW NOTE AT TRPPN: DO NOT EXCEED 210 KIAS UNTIL DDTOO.  
CHART PLANVIEW NOTE AT SMRFF: DO NOT EXCEED 210 KIAS UNTIL DDTOO.  
CHART PLANVIEW NOTE AT XWING: DO NOT EXCEED 210 KIAS UNTIL DDTOO.  
CHART SPEED ICON IN PLANVIEW AT HOUKM: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT JEDYE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 6000 AT TRPPN.  
CHART MANDATORY 5000 AT HOUKM AND SMRFF.  
CHART MANDATORY 4000 AT JEDYE AND XWING.  
HOLD E, RT, 267.66 INBOUND.



**MINIMUMS:**

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.24 DA	825	2600	333	825	2600	333	825	2600	333	825	2600	333			
RNP 0.30 DA	885	3500	393	885	3500	393	885	3500	393	885	3500	393			

**CHANGES - REASONS**

1. UPDATED PROCEDURE NAME AND ALL RUNWAY SPECIFIC NOTES FROM "17" TO "18" -- RUNWAY RENUMBERING.
2. UPDATED COURSE FROM TRPPN TO RUBZZ FROM "354.66" TO "354.60" IN TERMINAL ROUTES -- FPT REQUEST TO RELOCATE FIX RUBZZ.
3. REPLACED FIX "PEAYR" WITH "DREPL" AND UPDATED COURSE FROM RUBZZ FROM "354.66" TO "354.69" IN TERMINAL ROUTES -- FPT REQUEST FOR NEW INTERMEDIATE FIX.
4. UPDATED RF LEG CENTER POINTS TGONE TO HUDDD FROM "CFCDT" TO "CFVHS" AND LAYYA TO HANNN FROM "CFLTX" TO "CFPLS" -- TARGETS RECALCULATED CENTER POINTS.
5. CHANGED "338 HAT: 0.87" TO "333 HAT: 0.86" IN PROFILE LINE 5 -- RNP 0.24 DA/HAT LOWERED FROM "830/338" TO "825/333" DUE TO RECALCULATED SLOPE FROM "20.71:1" TO "20.62:1"; CONTROLLING OBSTACLE REMAINS THE SAME.
6. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; 8260.19I, 8-6-7.G(3)(A).
7. REMOVED "#" FROM TCH VALUE IN PROFILE LINE 7 AND ASSOCIATED NOTE "#TCH 552.1 MSL (DO NOT CHART)" FROM ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED.
8. REMOVED CHART NOTE "GPS REQUIRED" AND ADDED "RNP AR APCH" TO PBN REQUIREMENTS NOTES -- UPDATED IAW 8260.19H, 8-6-8.B(1) PER 8260.19I IMPLEMENTATION MEMO, ATCH 5.
9. UPDATED UNCOMPENSATED BARO-VNAV NOTE FROM "BELOW -6C (22F) OR ABOVE 54C (130F)" TO "BELOW -5°C OR ABOVE 54°C" -- RECALCULATED HISTORICAL TEMPS 2015-2019.
10. REMOVED ALS INOPERATIVE VISIBILITY NOTE -- NO LONGER REQUIRED IAW NEW INOP TABLE.
11. REMOVED "ROUTE TYPE" NOTES FROM ADDITIONAL FLIGHT DATA -- NO LONGER REQUIRED IAW CURRENT CRITERIA.
12. LOWERED RNP 0.24 RVR FROM "3000" TO "2600" AND RNP 0.30 RVR FROM "4500" TO "3500" -- UPDATED IAW 8260.3D, TABLE 3-3-1.
13. LOWERED RNP 0.30 DA/HAT FROM "890/398" TO "885/393" -- RECALCULATED SLOPE FROM "20.70:1" TO "20.61:1".

03/16/2021: THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 02/09/2021:

CHANGED REQUIRED EFFECTIVE DATE FROM "ROUTINE" TO "04/22/2021" - PROCEDURE REQUIRES HARD DATE.

**COORDINATED WITH:**A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒

OTHER: ZHU, AUS APP CON, AUS ATCT, AMGR

**FLIGHT CHECKED BY**

PENDING

Digitally signed by

JOHN BORDY

**OFFICE****DATE**

Mar 16, 2021

Digitally signed by

JOHN BORDY

**OFFICE****DATE**

Mar 16, 2021

AJV-A421

11/18/2020

**DEVELOPED BY**

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by

JOHN BORDY

**OFFICE****DATE****APPROVED BY**

MARLON ROBINSON

Mar 16, 2021

AJV-A420

TITLE  
MANAGERQUALITY  
48  
CHECKED