

**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</u> WILL ROGERS WORLD	<u>AIRPORT ID</u> KOKC	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 17R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> OKLAHOMA CITY	<u>STATE</u> OK	
<u>AIRPORT ELEVATION</u> 1296	<u>TDZE</u> 1282	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 17R	<u>ORIGINAL/AMENDMENT</u> 1C	<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> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
FILUM	IAF	ROHAA		TF	FB	1.00	175.96	3.50	4000
ROHAA	IF	HARER		TF	FB	1.00	175.96	3.98	3000
WWILL	IF	ADWOW		TF	FB	1.00	355.96	3.30	5000
ADWOW		MERTE		RF	FB	1.00	(2.53 NM RADIUS CW (CFBTG))	3.97	4000
FLAPP	IF	MERTE		TF	FB	1.00	085.90	4.88	4000
MERTE		MABCU		RF	FB	1.00	(2.53 NM RADIUS CW (CFBXZ))	2.10	3500
MABCU		HARER		RF	FB	0.90	(2.53 NM RADIUS CW (CFBTN))	1.87	3000
HARER		JILDI	PFAF	TF	FB	0.90	175.96	2.20	2300
PALMR	IF	ISAKE		TF	FB	1.00	355.96	4.10	4700
ISAKE		WUVMA		RF	FB	1.00	(2.50 NM RADIUS CCW (CFBTM))	3.93	3500
HIPES	IF	WUVMA		TF	FB	1.00	266.01	5.00	3500
WUVMA		PROSS		TF	FB	0.45	265.95	0.90	3300
PROSS	POINT	COLWE		RF	FB	0.45	(2.43 NM RADIUS CCW (CFBTL))	1.62	2900
COLWE		JILDI	PFAF	RF	FB	0.45	(2.43 NM RADIUS CCW (CFBTL))	2.20	2300
JILDI	PFAF	RW17R	MAP	TF	FO	0.30	175.96	3.02	
RW17R	MAP	2000 MSL		CA					2000
2000 MSL		JESKE		DF	FO	1.00			3000



MISSED APPROACH

MAP:  
RNP: DA

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT JESKE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT JILDI				
3. FAC:	175.96	PFAF: JILDI	DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT:	JILDI 2300				
5. DIST TO THLD FROM PFAF:	3.02	MM:	IM:	150 HAT:	277 HAT: 0.70
6. MIN GP INCPT:	2300	GP ALT AT PFAF : JILDI 2300		OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.1	IM:
8. MSA FROM:	RW17R 3800				

PBN REQUIREMENTS NOTE:

RNP AR APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE AT FILUM: (RNP 0.90).  
CHART PLANVIEW NOTE ADJACENT TO WWILL IF: RF REQUIRED.  
CHART PLANVIEW NOTE AT WWILL: (RNP 0.90).  
CHART PLANVIEW NOTE ADJACENT TO FLAPP IF: RF REQUIRED.  
CHART PLANVIEW NOTE AT FLAPP: (RNP 0.90).  
CHART PLANVIEW NOTE ADJACENT TO PALMR IF: RF REQUIRED.  
CHART PLANVIEW NOTE AT PALMR: (RNP 0.45).  
CHART PLANVIEW NOTE ADJACENT TO HIPES IF: RF REQUIRED.  
CHART PLANVIEW NOTE AT HIPES: (RNP 0.45).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 4500 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART SPEED ICON IN PLANVIEW AT ROHAA: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT WWILL: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT FLAPP: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT PALMR: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT PROSS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 6000 AT WWILL, PALMR  
CHART MANDATORY 5000 AT FLAPP, HIPES  
CHART MINIMUM 5000 AT FILUM  
CHART: ASR.  
HOLD SW, RT, 037.15 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 0.20 DA	1559	2400	277	1559	2400	277	1559	2400	277	1559	2400	277			
RNP 0.30 DA	1677	3500	395	1677	3500	395	1677	3500	395	1677	3500	395			

**CHANGES - REASONS**

1. REMOVED CHART NOTE: GPS REQUIRED- 8260.19H 1-1-5 F (14).
2. RNP AR APCH ADDED TO PBN EQUIPMENT REQUIREMENT NOTES - 8260.19H 8-6-8, B.(1)&(2).
3. CHANGED ALTITUDE AT COLWE FROM 3000FT TO 2900FT - REDUCED TO KEEP DESCENT GRADIENT WITHIN CRITERIA LIMITS OF 318FT/NM.
4. ADDED 20:1 CLEAR - NO PENETRATIONS PRESENT.
5. CHANGED FIX NAME FROM IVEYI TO HARER - IVEYI FIX MOVED DUE TO NEW PFAF FORMULA (ILS RWY 17R), MAINTAINED ORIGINAL LOCATION WITH NEW FIX.
6. CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 4500 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/4 SM" TO "FOR INOPERATIVE ALS, INCREASE RNP 0.20 ALL CATS VISIBILITY TO RVR 4500 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 6000" - 8260.3D TABLE 3-1-1.
7. RNP 0.30 DA/HAT CHANGED FROM 1675/393 TO 1677/395 - PROCEDURE UPDATED TO 8260.58A CRITERIA.
8. RNP 0.30 VISIBILITY CHANGED FROM RVR 4100 TO RVR 3500 - 8260.3D TABLE 3-1-1.
9. CHANGED LINE 5 FROM "DIST TO THLD FROM OM" TO "DIST TO THLD FROM PFAF" - 8260.19H CH 8
10. ADDED 277 HAT TO LINE 5 - 8260.19H CH 8
11. REMOVED ROUTE TYPE NOTES FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED
12. DELETED "#TCH 1336.8 MSL (DO NOT CHART)" FROM ADDITIONAL FLIGHT NOTES - NO LONGER REQUIRED
13. DELETED "CHART PLANVIEW NOTE AT HIPES: RADAR REQUIRED FOR PROCEDURE ENTRY AT HIPES" AND "CHART PLANVIEW NOTE AT FILUM: RADAR REQUIRED FOR PROCEDURE ENTRY AT FILUM" - NO LONGER REQUIRED.
14. REMOVED "WITH RWY 17L" FROM "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L" - UPDATED NOTE TO CURRENT 8260.19H CRITERIA.
15. REMOVED "PROVIDING RNAV TRACK GUIDANCE" FROM "CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" - UPDATED TO 8260.19H CRITERIA.
16. TCH VALUE CHANGED FROM 55.0 TO 55.1 - UPDATED TO MATCH ILS TCH.



**COORDINATED WITH:**

A4A ☒   ALPA ☒   AOPA ☒   APA ☒   HAI ☐   NBAA ☒   OTHER: ZFW, ZKC, OKC APP CON, OKC ATCT, AMGR

**FLIGHT CHECKED BY**

BRIAN HANSEN

*Digitally signed by*

**DAVID DANNER**

Apr 12, 2019

**OFFICE**

FICO

**DATE**

3/15/19

**DEVELOPED BY**

DAVID DANNER (TAYLOR GIBSON)

*Digitally signed by*

**DAVID DANNER**

Apr 12, 2019

**OFFICE**

AJV-5421

**DATE**

11/02/2018

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*

**DAVID DANNER**

Apr 12, 2019

**OFFICE**

AJV-5420

**DATE**

**TITLE**  
MANAGER

