

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33										Bearings, headings, courses, 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 in feet RVR.						
TERMINAL ROUTES														MISSED APPROACH									
FROM				TO			COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3100 DIRECT WETIX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 291.99 INBOUND. CHART FAS OBST: 1330 TWR 351403N/0972918W DISTANCE TO THLD FROM 283 HAT: 0.77 NM. WAAS CHANNEL # 77531 REFERENCE PATH ID: W03A CHART CIRCLING ICON. LTP HAE: 331.7 M										
HAVAK				AXETE (FO)			207.96 / 4.88				3000												
WETIX				WUVUV (FB)			291.99 / 4.14				3000												
WUVUV (IAF)				AXETE (NOPT) (FB)			332.24 / 5.00				3000												
CESTA (IAF)				AXETE (NOPT) (FB)			071.61 / 5.45				3000												
AXETE (IF/IAF)				SOPNE (FB)			033.16 / 4.00				2800												
SOPNE				EJISO (FB)			033.18 / 2.10				2300												
EJISO (FAF)				USUYO/1.60 NM TO RW03 (FB)			033.19 / 1.81																
(SEE FORM 8260-10)																							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																							
2. HOLD SW AXETE, RT, 033.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																							
3. FAC: 033.19 FAF: EJISO DIST FAF TO MAP: 3.41 THLD: 3.41																							
4. MIN. ALT: AXETE 3000, SOPNE 2800, EJISO 2300, USUYO/1.60 NM TO RW03 1720*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 2300 GS ALT AT: EJISO 2300 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR																							
8. MSA FROM: RW03 3800																							
MAG VAR: 3E EPOCH YEAR: 2020																							
MINIMUMS																							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD @													
CATEGORY =====>		A			B			C			D			E									
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA								
LPV DA	1460	3/4	283	1460	3/4	283	1460	3/4	283	1460	3/4	283											
LNAV/VNAV DA	1503	7/8	326	1503	7/8	326	1503	7/8	326	1503	7/8	326											
LNAV MDA	1580	3/4	403	1580	3/4	403	1580	1	403	1580	1	403											
CIRCLING	1660	1	478	1660	1	478	1940	2 1/4	758	1940	2 1/2	758											
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WILL ROGERS WORLD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA.																							
@ NA WHEN LOCAL WEATHER NOT AVAILABLE. @ CAT C 800-2 1/4, CAT D 800-2 1/2																							
(CONTINUED ON PAGE 2)																							
CITY AND STATE NORMAN, OK				ELEVATION: 1182 TDZE: 1177 AIRPORT NAME: UNIVERSITY OF OKLAHOMA WESTHEIMER				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 2B, 5/26/2016					SUP: AMDT: 2A DATED 04/02/2015								



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
USUYO/1.60 NM TO RW03	RW03 (MAP) (FO)	033.19 / 1.60	
RW03 (MAP)	1700 MSL	033.19	1700
1700 MSL	WETIX (FO)		3100

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CESTA ON V573 SOUTHBOUND.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE LPV DA TO 1501 FEET, LNAV/VNAV DA TO 1544 FEET; INCREASE ALL MDA 60 FEET, INCREASE LPV VISIBILITY TO 7/8 MILE ALL CATS, INCREASE LNAV/VNAV VISIBILITY TO 1 MILE ALL CATS, AND INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 MILE.

CHART NOTE: FOR INOPERATIVE MALS, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV CAT D VISIBILITY TO 1 1/8 MILE, LNAV CAT C/D VISIBILITY TO 1 1/8 MILE.

CHART NOTE: FOR INOPERATIVE MALS WHEN USING WILL ROGERS WORLD AIRPORT ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 MILE, LNAV/VNAV CAT D VISIBILITY TO 1 1/4 MILE, LNAV CAT D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: CIRCLING NA SE OF RWYS 3 AND 21.

QUALITY
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOUN
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	351410.3730N
LTP/FTP LONGITUDE	0972832.8760W
LTP/FTP ELLIPSOIDAL HEIGHT	+03317
FPAP LATITUDE	351522.3700N
FPAP LONGITUDE	0972728.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1304
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

74F4C04C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03582
FPAP ORTHOMETRIC HEIGHT	+03582

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KOUN														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
CESTA	010	CESTA	IF	FB										E A
CESTA	020	AXETE	TF	FB	1.0	071.6						AA 03000		EE B
HAVAK	010	HAVAK	IF	FB										E
HAVAK	020	AXETE	TF	FO	2.0	208.0						AA 03000		EY
HAVAK	030	AXETE	HF	FO		033.2			R			AA 03000		EE A
WETIX	010	WETIX	IF	FB										E
WETIX	020	WUVUV	TF	FB	2.0	292.0						AA 03000		E A
WETIX	030	AXETE	TF	FB	1.0	332.2						AA 03000		EE B
	010	AXETE	IF	FB								AA 03000		E I
	011	SOPNE	TF	FB	1.0	033.2						AA 02800		E
	020	EJISO	TF	FB	1.0	033.2				RW03		AA 02300		E F
	021	USUYO	TF	FB	0.3	033.2		3.00				AA 01720 GS 01724		E S
	030	RW03	TF	FO	0.3	033.2		3.00				AT 01215		GY M
	040		CA	FB		033.2						AA 01700		M
	050	WETIX	DF	FO					R			AA 03100		EY
	060	WETIX	HM	FO		292.0			R			AA 03100		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
AXETE			N350629.28			W0973523.66								
CESTA			N350502.53			W0974147.98								
EJISO			N351125.18			W0973100.19								
HAVAK			N351040.67			W0973220.17								
SOPNE			N350943.32			W0973230.93								
USUYO			N351252.78			W0972942.09								
WETIX			N350011.43			W0972816.45								
WUVUV			N350156.44			W0973250.54								
RUNWAYS														
RUNWAY			THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH		
RW03			N351410.37			W0972832.88			01175			40.0		

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