

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				
HAVAK	UBLOY (FO)	150.28 / 8.59	3000	LPV: DA LNAV/VNAV: DA LNAV: RW35  CLIMB TO 4000 DIRECT PEDIY AND HOLD.			
WETIX (IAF)	UBLOY (NOPT) (FB)	352.61 / 2.55	3000				
UBLOY (IF/IAF)	VUNYU (FB)	352.66 / 6.80	2800				
VUNYU (FAF)	WINAD/2.50 NM TO RW35 (FB)	352.66 / 2.47	4000	ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.64 INBOUND. CHART FAS OBST: 1333 ROD 351414N/0972737W CHART FAS OBST: 1322 TOWER 351313N/0972851W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.14 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 82729 REFERENCE PATH ID: W35A LTP HAE: 332.3 M			
WINAD/2.50 NM TO RW35	RW35 (MAP) (FO)	352.66 / 2.50					
RW35 (MAP)	1377 MSL	352.66					
1377 MSL	PEDIY (FO)						

1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)	
2. HOLD S UBLOY, RT, 352.66 INBOUND, 3000 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>352.66</u> FAF: <u>VUNYU</u>	DIST FAF TO MAP: <u>4.97</u> THLD: <u>4.97</u>
4. MIN. ALT: <u>UBLOY 3000, VUNYU 2800, WINAD/2.50 NM TO RW35 2000*</u>	
5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>	
6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>VUNYU 2800</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR	
8. MSA FROM: <u>RW35 3800</u>	


  

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	1377	3/4	200	1377	3/4	200	1377	3/4	200	1377	3/4	200			
LNAV/VNAV DA	1495	1 1/8	318	1495	1 1/8	318	1495	1 1/8	318	1495	1 1/8	318			
LNAV MDA	1580	1	403	1580	1	403	1580	1 1/8	403	1580	1 1/8	403			
CIRCLING	1640	1	458	1660	1	478	1660	1 1/2	478	1740	2	558			

NOTES:  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV VISIBILITY TO 1 1/4 MILE ALL CATS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 MILE.  
 (SEE FORM 8260-10)

CITY AND STATE  NORMAN, OK	ELEVATION: 1182 THRE: 1177	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 20 SEPTEMBER 2012	<div style="text-align: center;">  </div>
	AIRPORT NAME:  UNIVERSITY OF OKLAHOMA WESTHEIMER			SUP: AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
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NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WILL ROGERS WORLD ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 36C (96F).

CHART NOTE: CIRCLING NA SE OF RWY 3-21.



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				AMDT:      NONE
				DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KOUN  
RUNWAY RW35  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A  
LTP/FTP LATITUDE 351431.7695N  
LTP/FTP LONGITUDE 0972822.8440W  
LTP/FTP ELLIPSOIDAL HEIGHT +03323  
FPAP LATITUDE 351601.0100N  
FPAP LONGITUDE 0972823.4900W  
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 1168  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

533A199D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4  
LTP ORTHOMETRIC HEIGHT +03588  
FPAP ORTHOMETRIC HEIGHT +03588

QUALITY  
2  
CHECKED

CITY AND STATE

NORMAN, OK

ELEVATION: 1182

THRE: 1177

AIRPORT NAME:

UNIVERSITY OF OKLAHOMA WESTHEIMER

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

20 SEPTEMBER 2012

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KOUNK4FR35	AHAVAK	010HAVAKK4EA0E	IF						18000		A JS	
SUSAP	KOUNK4FR35	AHAVAK	020UBLOYK4EA0EY	020TF		15030086		+ 03000				A JS	
SUSAP	KOUNK4FR35	AHAVAK	030UBLOYK4EA0EE	AR HF		35270040		+ 03000				A JS	
SUSAP	KOUNK4FR35	AWETIX	010WETIXK4EA0E	A IF						18000		A JS	
SUSAP	KOUNK4FR35	AWETIX	020UBLOYK4EA0EE	B 010TF		35260026		+ 03000				A JS	
SUSAP	KOUNK4FR35	R	010UBLOYK4EA0E	I IF						18000		A JS	
SUSAP	KOUNK4FR35	R	020VUNYUK4EA1E	F 051TF		35270068		+ 02800			RW35	K4PGA JS	
SUSAP	KOUNK4FR35	R	020VUNYUK4EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KOUNK4FR35	R	021WINADK4EA0E	S 031TF		35270025		V 0200002013		-300		A JS	
SUSAP	KOUNK4FR35	R	030RW35 K4PG0GY	M 031TF		35270025		01217		-300		A JS	
SUSAP	KOUNK4FR35	R	040	0 M CA		3527		+ 01377				A JS	
SUSAP	KOUNK4FR35	R	050PEDIYK4EA0EY	DF				+ 04000				A JS	
SUSAP	KOUNK4FR35	R	060PEDIYK4EA0EE	R HM		17260040		+ 04000				A JS	

[illegible][illegible]

CITY AND STATE <b>NORMAN, OK</b>	ELEVATION: <b>1182</b>	THRE: <b>1177</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			<b>RNAV (GPS) RWY 35, ORIG</b>	AMDT: <b>NONE</b>
	<b>UNIVERSITY OF OKLAHOMA WESTHEI</b>		<b>RNAV</b>	<b>20 SEPTEMBER 2012</b>	DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012  
-----  
SUSAP KOUNK4SRW35 K4PG 0 18018003825 M

QUALITY  
2  
CHECKED

CITY AND STATE <b>NORMAN, OK</b>	ELEVATION: <b>1182</b> <b>THRE: 1177</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 35, ORIG</b> 20 SEPTEMBER 2012	SUP:
	AIRPORT NAME: <b>UNIVERSITY OF OKLAHOMA WESTHEI</b>			AMDT: <b>NONE</b>
				DATED:

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HAVAK	HAVAK	010		IF		FB					
	HAVAK	UBLOY	020		TF		FO	2.0	150.3 (157.3T)	008.6	AA 03000	
	HAVAK	UBLOY	030	IAF	HF	R	FO		352.7 (359.7T)	004.0	AA 03000	
	WETIX	WETIX	010	IAF	IF		FB					
	WETIX	UBLOY	020		TF		FB	1.0	352.6 (359.6T)	002.6	AA 03000	
		UBLOY	010	FACF	IF		FB				AA 03000	
		VUNYU	020	PAF	TF		FB	0.5	352.7 (359.7T)	006.8	AA 02800	
		WINAD	021	SDF	TF		FB	0.3	352.7 (359.7T)	002.5	AA 02000 GS 02013	
		RW35	030	MAP	TF		FO	0.3	352.7 (359.7T)	002.5	AT 01217	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.7 (359.7T)		AA 01377	
	PEDIY	050		DF		FO				AA 04000	
	PEDIY	060		HM	R	FO		172.6 (179.6T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HAVAK	N351040.67	W0973220.17	N3510.678	W09732.336
	PEDIY	N352723.30	W0972828.60	N3527.388	W09728.477
	UBLOY	N350244.45	W0972817.73	N3502.741	W09728.296
	VUNYU	N350933.10	W0972820.68	N3509.552	W09728.345
	WETIX	N350011.43	W0972816.45	N3500.191	W09728.274
	WINAD	N351201.54	W0972821.75	N3512.026	W09728.363
	RW35	N351431.77	W0972822.84	N3514.530	W09728.381

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01177	40

QUALITY  
2  
CHECKED

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	AIRPORT NAME: <b>UNIVERSITY OF OKLAHOMA WESTHEI</b>		<b>RNAV</b>	<b>RNAV (GPS) RWY 35, ORIG</b> <b>20 SEPTEMBER 2012</b>	AMDT: <b>NONE</b>
				DATED:	