US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HAVAK	UBLOY (FO)	150.28 / 8.59	3000
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	
WINAD/2.50 NM TO RW35	RW35 (MAP) (FO)	352.66 / 2.50	
RW35 (MAP)	1377 MSL	352.66	
1377 MSL	PEDIY (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4000 DIRECT PEDIY AND HOLD.

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

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

MAG VAR: 7E EPOCH YEAR: 1985

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)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **OKC APP CON, OUN ATCT, AIRPORT MANAGER**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JILL OLSON (KISSY MAXFIELD)**	FIFO **AJV-353**	DATE: **03/30/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

ORIGINAL

REASONS:

FPT REQUEST

QUALITY 2 CHECKED

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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.

QUALITY 4 CHECKED

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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	ELEVATION: 1182 THRE: 1177	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NORMAN, OK	AIRPORT NAME: UNIVERSITY OF OKLAHOMA WESTHEIMER	RNAV	RNAV (GPS) RWY 35, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HAVAK K40    C   L N35104067W097322017                      E0043     NAR           HAVAK
        SUSAEAENRT   PEDIY K40    C     N35272330W097282860                      E0042     NAR           PEDIY
        SUSAEAENRT   UBLOY K40    W     N35024445W097281773                      E0042     NAR           UBLOY
        SUSAEAENRT   VUNYU K40    W     N35093310W097282068                      E0042     NAR           VUNYU
        SUSAEAENRT   WETIX K40    R   L N35001143W097281645                      E0042     NAR           WETIX
        SUSAEAENRT   WINAD K40    W     N35120154W097282175                      E0042     NAR           WINAD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOUNK4AOUN     0     051YHN35144400W097281970E007001182         1800018000C    MNAR    UNIVERSITY OF OKLAHOMA WESTHEI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        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                                + 03000     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

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOUNK4GRW35    0051993527 N35143177W097282284+0100    +0332301177000040100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOUNK4PR35   RW35 0.01 0000W35A0N3514317695W09728228440+033230300N3516010100W097282349001067511680004 00F400350533A199D
        SUSAP KOUNK4PR35   RW35 002E      +03588+03588LPV       82729

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 2 CHECKED

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

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOUNK4SRW35 K4PG                0   18018003825                                                                M
```

QUALITY 2 CHECKED

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

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

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	FAF	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

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

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	HAVAK	UBLOY	1. TOWER (40-020360)	350657.95N/0972957.61W	1553 (4D)	1000	AT447	3000
			2. TERRAIN	350903.00N/0973306.00W	1316 (1300)		AS1500	2800
INITIAL	WETIX	UBLOY	3. TOWER (40-000607)	350050.00N/0973039.00W	1550 (5D)	1000	AT450	3000
			4. TERRAIN	350050.00N/0973039.00W	1250 (1300)		AS1500	2800
INTERMEDIATE	UBLOY (IF/IAF)	VUNYU	1. TOWER (40-020360)	350657.95N/0972957.61W	1553 (1A)	500		2100
			5. TERRAIN	350739.00N/0973042.00W	1290 (1300)		AS1500	2800
FINAL: LPV	VUNYU	RW35				ASC		1377/200
FINAL: LNAV/VNAV	VUNYU	RW35	6. ROD (KOUN0007)	351414.48N/0972737.26W	1333 (1A)	PDA	MA18	1495/318
FINAL: LNAV	VUNYU	WINAD/2.50 NM TO RW35	7. AAO	350916.70N/0972904.62W	1409 (2C)	250	RA41 DG300	2000
FINAL: LNAV STEPDOWN	WINAD/2.50 NM TO RW35	RW35	8. TOWER (40-002524)	351313.00N/0972851.00W	1322 (2C)	250		1580
2. HOLD-IN-LIEU-OF-PT	UBLOY	P-5	9. TOWER (40-001939)	350348.03N/0972343.37W	1571 (2C)	1000	AT429	3000
			10. TERRAIN	350707.40N/0972915.36W	1260 (1300)		AS1500	2800
3. MISSED APPROACH — MAP:	DA / DA / RW35	PEDIY	6. ROD (KOUN0007)	351414.48N/0972737.26W	1333 (1A)	ASC		4000
			11. TOWER (40-000794)	352210.08N/0972739.86W	1953 (4D)	1000		3000
ELEV:	1212/1334/1480		12. TERRAIN	352306.00N/0972748.00W	1329 (1300)		AS1500	2800
			13. TANK (40-002253)	351527.85N/0972937.99W	1333 (2C)	300		1640
			14. TANK (40-000711)	351359.64N/0973010.47W	1354 (2C)	300		1660
			14. TANK (40-000711)	351359.64N/0973010.47W	1354 (2C)	300		1660
			15. TOWER (40-006376)	351707.00N/0972930.00W	1357 (4D)	300	HAA	1740

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	458
CATEGORY B	1.5 NM	450	478
CATEGORY C	1.7 NM	450	478
CATEGORY D	2.3 NM	550	558
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW35

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (40-000590)	351/ 19.6	2749 (4D)	3800					

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 1182 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
NORMAN, OK	UNIVERSITY OF OKLAHOMA WESTHEIMER	RNAV	RNAV (GPS) RWY 35, ORIG	ASW

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
OUN TOWER OKC APP CON ZFW ARTCC		N W S	OTHER: AWOS-3	SOURCE: KOUN / KOKC
		F A A		DISTANCE: 0 / 10.86
		A / C		HOURS REMOTE OPERATION: 24
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KOUN			ADJUSTMENT: 0 / 41

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALS 03 (PCL) MALSR 17 (PCL)
		HIRL
	X	MIRL 17 (PCL), 21 (PCL), 35 (PCL), 03 (PCL)
	X	REIL 35
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 17, 21, 35, 03

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 17
	INSTRUMENT	NPI-G 35; -F 21, 03
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 1177.2
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JILL OLSON (KISSY MAXFIELD)	DATE: 03/30/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

RASS (PRESSURE PATTERN SAME)
KOUN 1181.7, KOKC 1295.2
RA=40.87

TAA NOT DEVELOPED PER ATC REQUEST.

VEGETATION HEIGHT 100 FT USED PER FPO.

LPV SLOPE: 34:1
LNAV/VNAV: 23.4:1

AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION.
NO HISTORICAL TEMPERATURE DATA IS AVAILABLE FOR THIS AIRPORT.

KOUN AWOS ON SERVICE A.
KOKC ASOS ON SERVICE A.

ASSIGNED 4D ACCURACY TO 1357 TOWER (40-006376)
351707.00N/0972930.00W DUE TO OBSTACLE FLIGHT CHECKED PER PREVIOUS PROCEDURE

VGSI: 3.00/40

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HAVAK **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 351040.67N/0973220.17W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	WILL ROGERS	IRW	VORTAC	H	155.28	162.28	11.36	11.36		3100	14000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V17-507	1				(US)
IAP	ER RNAV (GPS) RWY 17			KHMY	LEXINGTON	OK (US)
IAP	RNAV (GPS) RWY 03			KOUN	NORMAN	OK (US)
IAP	RNAV (GPS) RWY 35			KOUN	NORMAN	OK (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
REMOVED FAC 2.
ADDED DISTANCE FROM FAC 11.36 NM.
CHANGED MRA FROM 3000 TO 3100.

DEVELOPED BY: **DATE:** 03/31/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PEDIY **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 352723.30N/0972828.60W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	NORMAN	I-BWM	LOC/DME		352.66	359.66	13.30	13.30		4000	5600
2	WILL ROGERS	IRW	VORTAC	H	041.35	048.35		8.83		4000	45000

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	N		WP	352.64	172.64	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (40-000590)	353406.00N/0972921.00W	2749	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
NORMAN (FAC 1) USED TO ESTABLISH FIX COORDINATES
BWM DME COORDINATES: 351404.04N/0972827.45W
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 17	1, 2		KOUN	NORMAN	OK (US)
IAP	RNAV (GPS) RWY 17			KOUN	NORMAN	OK (US)
IAP	RNAV (GPS) RWY 35		1	KOUN	NORMAN	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CHANGED PATTERN 1 INBOUND COURSE FROM 172.65 TO 172.64.
ADDED REMARK: NORMAN (FAC 1) USED TO ESTABLISH FIX COORDINATES
ADDED HOLDING PATTERN 1.
ADDED PRECIPITOUS TERRAIN REMARK.
ADDED HOLDING RESTRICTION.

DEVELOPED BY: **DATE:** 03/28/2012 **OFFICE:** AJV-353 **NAME;** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER: OUN TOWER

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UBLOY **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 350244.45N/0972817.73W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S		WP	172.66	352.66	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (40-001939)	350348.03N/0972343.37W	1571	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35		1	KOUN	NORMAN	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/28/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER: OUN TOWER

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: VUNYU **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 350933.10N/0972820.68W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
RNP PFAF CRITERIA APPLIED IAW 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KOUN	NORMAN	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/28/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER: OUN TOWER

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WETIX **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 350011.43N/0972816.45W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	WILL ROGERS	IRW	VORTAC	H	155.28	162.28	22.35	22.35		3000	45000

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	IRW	VORTAC	155.28	155.28	R		4	3000	6000	5	6
2	E		WP	107.99	287.99	R		4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (40-020360)	350657.95N/0972957.61W	1553	5D
2	200	TOWER (40-000377)	345604.79N/0972124.50W	1660	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V17-507	1				
IAP	COPTER RNAV (GPS) RWY 17			KHMY	LEXINGTON	OK (US)
IAP	ILS OR LOC RWY 17	1	1	KOUN	NORMAN	OK (US)
IAP	RNAV (GPS) RWY 03		2	KOUN	NORMAN	OK (US)
IAP	RNAV (GPS) RWY 35			KOUN	NORMAN	OK (US)

REQUIRED CHARTING: MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED PATTERN 2 HOLDING.
ADDED OBSTACLE FOR PATTERN 2.

DEVELOPED BY: **DATE:** 05/04/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER: USAASA

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WINAD **STATE:** OK **COUNTRY:** US

LATITUDE/LONGITUDE: 351201.54N/0972821.75W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 35			KOUN	NORMAN	OK (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/28/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (KISSY MAXFIELD)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZFW
ATC FACILITY: OKC APP CON
OTHER: OUN TOWER

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **NORMAN** STATE: **OK**

AIRPORT NAME: **UNIVERSITY OF OKLAHOMA WESTHEIMER** ID: **KOUN**

PROCEDURE: **RNAV (GPS) RWY 35** AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.09**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **359.66**
4. High Terrain in **FINAL** segment containing 1000' point **1209**
5. Distance from **THLD** to 1500' point **4.97**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.17**
7. True Course of **FINAL** segment containing 1500' point **359.66**
8. High Terrain in **FINAL** segment containing 1500' point **1209**
9. Threshold Coordinates (if straight-in) ... **351431.77N** / **0972822.84W**
10. ARP Coordinates ..... **351444.00N** / **0972819.70W**
11. Runway Approach End and distance furthest from ARP ..... RWY **17**
    Distance **0.65** NM
12. FAF Coordinates ..... **350933.10N** / **0972820.68W**

REMARKS: Approach/Drawing attached.