

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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: RW34R CLIMB TO 3000 DIRECT WIGZU AND ON TRACK 282.50 TO OBLON AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.08 INBOUND. FAS OBST: 990 AAO 325512N/0971844W. DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 1.62 NM TO RW34R* *LNAV ONLY. WAAS CHANNEL # 82324 REFERENCE PATH ID: W34A CHART CIRCLING ICON. LTP HAE: 174.7 M											
UCCOL (IF)				ERPIF (TF) (FB) (RNP 1.00)				346.23 / 6.70				2400													
ERPIF (FAF)				RW34R (MAP) (TF) (FO) (RNP 0.30)				346.22 / 5.27																	
RW34R (MAP)				881 MSL (CA)				346.22																	
881 MSL				WIGZU (DF) (FB) (RNP 1.00)																					
WIGZU				OBLON (TF) (FO) (RNP 1.00)				282.50 / 11.06				3000													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT UCCOL 3. FAC: <u>346.22</u> FAF: <u>ERPIF</u> DIST FAF TO MAP: <u>5.27</u> THLD: <u>5.27</u> 4. MIN. ALT: <u>UCCOL 3000, ERPIF 2400</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>ERPIF 2400</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>58.0</u> 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: <u>RW34R 4000</u>																MAG VAR: 4E					EPOCH YEAR: 2015				
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	881	1800	200	881	1800	200	881	1800	200	881	1800	200	881	1800	200										
LNAV/VNAV DA	1437	1 3/4	756	1437	1 3/4	756	1437	1 3/4	756	1437	1 3/4	756	1437	1 3/4	756										
LNAV MDA	1240	2400	559	1240	2400	559	1240	6000	559	1240	6000	559	1240	6000	559										
CIRCLING	1240	1	517	1320	1	597	1360	1 3/4	637	1380	2	657	1380	2 1/4	657										
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 54C (130F). @ CAT E 800-2 1/4 CHART NOTE: CIRCLING NA EAST OF RWY 16L-34R. CHART NOTE: DME/DME RNP-0.3 NA. FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 SM, INCREASE LNAV CAT E VISIBILITY TO 1 5/8 SM.																									
CITY AND STATE				ELEVATION: 723 TDZE: 681				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
FORT WORTH, TX				AIRPORT NAME:				RNAV (GPS) RWY 34R, AMDT 3, 03/29/2018				AMDT: 2C				DATED 10/12/2017									
FORT WORTH ALLIANCE																									

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <div style="text-align: center;">03/29/2018</div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between;"> <div> ATA <input checked="" type="checkbox"/> </div> <div> AAT <input type="checkbox"/> </div> <div> ALPA <input checked="" type="checkbox"/> </div> <div> APA <input checked="" type="checkbox"/> </div> <div> AOPA <input checked="" type="checkbox"/> </div> <div> NBAA <input checked="" type="checkbox"/> </div> <div> OTHER (specify) <input checked="" type="checkbox"/> </div> </div> <div style="text-align: right; margin-top: 5px;"> ZFW, REGIONAL APP CON, AIRPORT MANAGER, STATE AVIATION DIR. </div>		
FLIGHT CHECKED BY		
NAME: pending <i>Digitally signed by</i> <div style="text-align: center;">ROBERT G HAMILTON</div> <div style="text-align: center; margin-top: 5px;">Dec 21, 2017</div>	FIFO	DATE:
DEVELOPED BY		
NAME: <i>Digitally signed by</i> <div style="text-align: center;">RUSSELL ROSLEWSKI</div> <div style="text-align: center; margin-top: 5px;">Nov 07, 2017</div>	FIFO AJV-5423	DATE: 10/03/2017
APPROVED BY		
NAME: <i>Digitally signed by</i> <div style="text-align: center;">ROBERT G HAMILTON</div>	FIFO AJV-5420	DATE:
CHANGES: Dec 21, 2017 <ol style="list-style-type: none"> 1. TERMINAL ROUTE UCCOL TO ERPIF DISTANCE CHANGED FROM 7.00 TO 6.70 AND ALTITUDE CHANGED FROM 2300 TO 2400 2. TERMINAL ROUTE ERPIF TO RW34R DISTANCE CHANGED FROM 4.97 TO 5.27 3. TERMINAL ROUTE WIGZU TO OBLONG CHANGED FROM 284.87/11.30 TO 282.50/11.06 4. ADDED LEG TYPES AND RNP VALUES TO TERMINAL ROUTES 5. LINE 3 DIST FAF TO MAP AND THLD CHANGED FROM 4.97 TO 5.27 6. LINE 4 MIN ALT AT ERPIF CHANGED FROM 2300 TO 2400 7. LINE 6, MIN GS GS INCPT CHANGED FROM 2300 TO 2400 AND GS ALT AT ERPIF CHANGED FROM 2300 TO 2400 8. LINE 7 TCH CHANGED FROM 53.3 TO 58.0, ADDED "20:1 IS CLEAR" 9. MISSED APPROACH TRACK CHANGED FROM 284.87 TO 282.50 10. DISTANCE FROM THLD TO 200 HAT CHANGED FROM 0.46 TO 0.50 NM 11. VDP CHANGED FROM 1.70 MILES TO 1.62 NM 12. ADDED CIRCLING ICON 13. LNAV/VNAV VISIBILITY CHANGED FROM 2 1/4 TO 1 3/4 14. LNAV MDA/HAT CHANGED FROM 1260/579 TO 1240/559 (SEE FORM 8260-10)		
REASONS: <ol style="list-style-type: none"> 1, 2. PFAF ALTITUDE CHANGED AT ATC REQUEST 3. WIGZU MOVED 0.52 NM NORTH DUE TO RUNWAY EXTENSION 4. CURRENT DOCUMENTATION STANDARD 5, 6, 7. PFAF ALTITUDE CHANGED AT ATC REQUEST 8. TO MATCH ILS, CURRENT DOCUMENTATION REQUIREMENT 9. WIGZU MOVED 0.52 NM NORTH DUE TO RUNWAY EXTENSION 10. RECALCULATION 11. LOWER LNAV MDA 12. CURRENT CRITERIA 13. RECALCULATION USING CURRENT CRITERIA 14. NEW OBSTACLE SURVEY 15. LOWER LNAV MDA 16, 17, 18. NEW OBSTACLE SURVEY 19. APT ELEV CHANGED DUE TO RUNWAY EXTENSION (SEE FORM 8260-10)		

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

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CITY AND STATE
FORT WORTH, TX

ELEVATION: 723 **TDZE: 681**
AIRPORT NAME:
FORT WORTH ALLIANCE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34R, AMDT 3, 03/29/2018

SUP:	
AMDT:	2C
DATED:	10/12/2017

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>15. LNAV CATS C/D/E VISIBILITY CHANGED FROM 1 1/4 TO RVR 6000</div> <div>16. CIRCLING CAT A MDA/HAA CHANGED FROM 1260/538 TO 1240/517</div> <div>17. CIRCLING CAT B MDA/HAA CHANGED FROM 1260/538 TO 1320/597</div> <div>18. CIRCLING CAT C MDA/HAA CHANGED FROM 1320/598 TO 1360/637</div> <div>19. CIRCLING CAT D/E HAA CHANGED FROM 658 TO 657</div> <div>20. CHANGED ALS INOP NOTE: LNAV/VNAV ALL CATS NOW INCREASED TO 2 SM, LNAV CAT E NOW INCREASED TO 1 3/4</div> <div>21. AIRPORT ELEVATION CHANGED FROM 722 TO 723</div> <div>22. REMOVED "RADAR REQUIRED" FROM ADDITIONAL FLIGHT DATA</div>					
<div>REASONS:</div> <div>REASONS CONT.</div> <div>20. RECALCULATION USING CURRENT CRITERIA</div> <div>21. RUNWAY EXTENSION</div> <div>22. NOT CURRENTLY REQUIRED FOR RNAV PROCEDURES</div>					

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAFW
RUNWAY	RW34R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	325832.2960N
LTP/FTP LONGITUDE	0971855.5440W
LTP/FTP ELLIPSOIDAL HEIGHT	+01747
FPAP LATITUDE	330019.5410N
FPAP LONGITUDE	0971917.4970W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 7E0CDB93

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02024
FPAP ORTHOMETRIC HEIGHT	+02024

QUALITY
16
CHECKED

CITY AND STATE FORT WORTH, TX	ELEVATION: 723 AIRPORT NAME: FORT WORTH ALLIANCE	TDZE: 681 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34R, AMDT 3, 03/29/2018	SUP:
					AMDT: 2C
					DATED: 10/12/2017

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COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div> <div></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. 2. KAFW ASOS HRS OPTN: 24 3. KAFW ON WSMCR ALTERNATE WEATHER SOURCE NOT REQUIRED, REDUNDANT WEATHER AVAILABLE CIRCLING NA EAST SIDE OF RWY 16L/34R FOR NOISE ABATEMENT 100FT TREE HEIGHT ADVISED BY FPT CRITICAL TEMPERATURES: CRITICAL LOW :-8C (+18F) CRITICAL HIGH :+54C (+130F) ACT :-8C APT ISA :+13.57C CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1431 HIGH TEMP 1671. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.83NM CAT C: 2.88NM CAT D: 3.76NM CAT E: 4.70NM NO ADDITIONAL AIRSPACE REQUIRED. XP316 IN LNAV/VNAV FINAL USED TO PROTECT INTERMITTENT OIL RIG WORK XP31 USED FOR CAT D CIRCLING TO MAINTAIN PREVIOUS MDA																					
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE															3. ALTIMETER SETTING											
REGIONAL APP CON AFW TOWER							N W S		OTHER: ASOS											SOURCE:KAFW											
							F A A													DISTANCE:											
							A / C													HOURS REMOTE OPERATION:											
SATISFACTORY ON:																															
X		V H F		X		U H F														H F		LOCATION: KAFW					ADJUSTMENT: 0				
4. MONITOR STATUS		PRIMARY NAVAID:																													
		MONITOR POINT:																													
		HRS OPTN:		CAT 1																											
				CAT 3																											
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 16L																											
				(S) SALS																											
		X		MALSR 34R																											
		X		HIRL 16L, 16R, 34R																											
		X		MIRL 16R, 34L																											
		X		REIL 16R, 34L																											
		X		TDZ 16L, 34R																											
		X		C/L 16L, 34R																											
X		OTHER (SPECIFY) PAPI-4R 16R PAPI-4L 34L																													
6. RUNWAY MARKINGS				BASIC																											
				ALL WEATHER PIR-G 16R, 34L; -F 16L, 34R																											
				INSTRUMENT																											
7. RUNWAY VISUAL RANGE				APPROACH 16L, 34R																											
				MIDFIELD 16L, 34R																											
				ROLL OUT 16L, 34R																											
8. GLIDE PATH				GP ANGLE: 3.00								ELEV RWY THRESHOLD:664.0																			
				DISTANCE FROM RWY:								ELEV GP ANTENNA:																			
												THRESHOLD CROSSING HEIGHT:58.0																			
9. FINAL APPROACH COURSE AIMING						X		RUNWAY THRESHOLD										FT. FROM THRESHOLD													
						X		ON CENTERLINE										FT. FROM CENTERLINE													
10. WAIVERS: NONE																															
PART D - PREPARED BY: RUSS ROSLEWSKI										DATE: 10/03/2017																					
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5423																					

