

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		LP: RW16 LNAV: RW16								
WONIX (IF/IAF)		JISUT (TF) (FB) (RNP 1.00)		164.29 / 4.00			2000		CLIMB TO 2000 DIRECT FORLU AND HOLD.								
JISUT (FAF)		ZAVEB/3.00 NM TO RW16 (TF) (FB) (RNP 0.30)		164.30 / 2.25													
ZAVEB/3.00 NM TO RW16		RW16 (MAP) (TF) (FO) (RNP 0.30)		164.30 / 3.00													
RW16 (MAP)		689 MSL (CA)		164.30													
689 MSL		FORLU (DF) (FO) (RNP 1.00)					2000		ADDITIONAL FLIGHT DATA: HOLD S, RT, 344.33 INBOUND. CHART FAS OBST: 628 TOWER 285107N/0975249W, 492 TREE 285129N/0975234W. CHART 853 TOWER 285356N/0975219W. CHART PLEASANTON AWOS-3 WAAS CHANNEL # 87125 REFERENCE PATH ID: W16A CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. LTP HAE: 61.6 M								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD N WONIX, RT, 164.29 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																	
3. FAC: 164.30 FAF: JISUT DIST FAF TO MAP: 5.25 THLD: 5.25																	
4. MIN. ALT: WONIX 2000, JISUT 2000, ZAVEB/3.00 NM TO RW16 1260																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: _____ TCH: 20:1 IS NOT CLEAR 34:1 IS NOT CLEAR																	
8. MSA FROM: _____										MAG VAR: 5E		EPOCH YEAR: 2010					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X					
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		
LP MDA	860	1	571	860	1	571		NA			NA						
LNAV MDA	1040	1	751	1040	1 1/4	751		NA			NA						
CIRCLING	1040	1	751	1040	1 1/4	751		NA			NA						
NOTES: CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: USE PLEASANTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE VICTORIA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. PBN REQUIREMENTS NOTE: RNP APCH.																	
CITY AND STATE KENEDY, TX		ELEVATION: 289 TDZE: 289 AIRPORT NAME: KARNES COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG-B						SUP: AMDT: ORIG-A DATED 04/02/2015					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
A4A <div></div>	ALPA <div></div>	AOPA <div>X</div>	APA <div></div>	HAI <div></div>	NBAA <div>X</div>
OTHER (specify) ZHU, AMGR					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: LONNIE EVERHART (MICHAEL NOLAN)				FIFO AJV-5400	DATE: 03/23/2018
APPROVED BY					
NAME: LONNIE EVERHART MANAGER				FIFO AJV-5400	DATE:
CHANGES:					
<div>1. REMOVED CHART NOTE DME/DME RNP-0.3 NA AND ADDED NOTE "PBN REQUIREMENTS NOTE: RNP APCH." 2. DELETED VDA "JISUT TO RW 16:3.00/TCH 40" FROM ADDITIONAL FLIGHT DATA. 3. ADDED CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 4. ADDED NOTE "20:1 IS NOT CLEAR" TO LINE 7. 5. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO " RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED."</div>					
REASONS:					
<div>1. CRITERIA IAW 8260-19H, 1-1-5, F(14). 2, 3. PER FLIGHT CHECK INSTRUCTION/CRITERIA IAW 8260-19H, 8-6-10, P(1). 4, 5. ASSUMED OBSTACLES PENETRATING 20:1 VISUAL SURFACE'S DUE TO NO SURVEY.</div>					



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.

TAA

	FROM	TO	ALT
1.	074/30 CW 254/30 (NOPT)	254/10 CW 074/10	3100
2.	074/10 CW 254/10	WONIX (IF/IAF) (FB)	2000
3.	254/30 CW 074/30	WONIX (IF/IAF) (FO)	2100

QUALITY
6
CHECKED

CITY AND STATE
KENEDY, TX

ELEVATION: 289 TDZE: 289
AIRPORT NAME:
KARNES COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, ORIG-B

SUP:
AMDT: ORIG-A
DATED: 04/02/2015

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2R9
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	284945.6020N
LTP/FTP LONGITUDE	0975159.4040W
LTP/FTP ELLIPSOIDAL HEIGHT	+00616
FPAP LATITUDE	284817.8200N
FPAP LONGITUDE	0975140.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 CA69BF2F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00880
FPAP ORTHOMETRIC HEIGHT	+00880

QUALITY
6
CHECKED

CITY AND STATE KENEDY, TX	ELEVATION: 289 AIRPORT NAME: KARNES COUNTY	TDZE: 289 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG-B	SUP:
				AMDT: ORIG-A
				DATED: 04/02/2015

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	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.	
STRAIGHT-IN AREA		074/30 CW 254/30		254/10 CW 074/10		1. TOWER (48-004782)		291630.00N/0981553.00W		2049 (5D)		1000				3100	
						2. TERRAIN		291900.00N/0980812.00W		798 (800)				AS1500		2300	
STRAIGHT-IN AREA		074/10 CW 254/10		WONIX		3. TOWER (48-008224)		290839.00N/0980138.00W		922 (1A)		1000				2000	
						4. TERRAIN		290336.00N/0974206.00W		522 (500)				AS1500		2000	
STRAIGHT-IN AREA		254/30 CW 074/30		WONIX		5. TOWER (48-014290)		290046.91N/0974002.22W		1007 (5D)		1000				2100	
						6. TERRAIN		284533.00N/0975815.00W		558 (600)				AS1500		2100	
INTERMEDIATE		WONIX (IF/IAF)		JISUT		7. AAO		285446.73N/0975243.50W		620 (2C)		500		AT880		2000	
						8. TERRAIN		285500.00N/0975251.00W		397 (400)				AS1500		1900	
FINAL: LP		JISUT		ZAVEB/3.00 NM TO RW16		9. TOWER (48-003128)		285356.00N/0975219.00W		853 (1A)		250		RA140		1260	
FINAL: LP STEPDOWN		ZAVEB/3.00 NM TO RW16		RW16		10. TREE		285129.04N/0975233.68W		492 (2C)		250		RA102		860	
FINAL: LNAV		JISUT		ZAVEB/3.00 NM TO RW16		9. TOWER (48-003128)		285356.00N/0975219.00W		853 (1A)		250		RA140		1260	
2. HOLD-IN-LIEU-OF-PT		WONIX		P-4		12. TOWER (48-011227)		290552.44N/0975222.26W		831 (2C)		1000		AT169		2000	
						13. TERRAIN		290642.00N/0975303.00W		443 (400)				AS1500		1900	
3. MISSED APPROACH	MAP:		RW16 / RW16		FORLU						ASC				2000		
	ELEV:		658/838				14. TOWER (48-010428)		284442.24N/0975230.66W		810 (2C)		1000		1900		
						15. TERRAIN		284506.00N/0975233.00W		519 (500)				AS1500		2000	
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	751	16. TOWER (48-004082)		284820.00N/0975056.00W		573 (3C)		300		SI 1040	
CATEGORY B		1.5 NM			450		751	16. TOWER (48-004082)		284820.00N/0975056.00W		573 (3C)		300		SI 1040	
CATEGORY C		1.7 NM			450												
CATEGORY D		2.3 NM			550												
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES																	
PRIMARY NAVAID:																	
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL) M S A	
CITY AND STATE		ELEVATION: 289		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION									
KENEDY, TX		AIRPORT NAME: KARNES COUNTY		RNAV		RNAV (GPS) RWY 16, ORIG-B		ASW									

QUALITY
6

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - ALTIMETER ADJUSTMENTS IN USE. PRECIPITOUS TERRAIN EVALUATION COMPLETED. NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE THE SAME KPEZ 430, RA=102 KVCT 115, RA=140 LP INTERMEDIATE OBST: AAO 285458.15N/0975247.59W 610(2C) TERRAIN 285500.00N/0975251.00 397(400) UNABLE TO VERIFY IF 20:1 SURFACE'S ARE CLEAR DUE TO NO SURVEY. PROCEDURE NA AT NIGHT. VEGETATION WITHIN 5 NM OF AIRPORT = 35 FEET AS PER CEN FPT. COMPUTED DESCENT ANGLE 3.00/TCH 40, REMOVED PER FLIGHT INSPECTION.				
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING								
ZHU ARTCC SJT FSS				N W S	OTHER: AWOS-3		SOURCE:KPEZ / KVCT							
				F A A			DISTANCE: 35.26 / 49.84							
				A / C			HOURS REMOTE OPERATION: 24/Y / 24/Y							
SATISFACTORY ON:			X	V H F	X	U H F		H F	LOCATION: KPEZ		ADJUSTMENT: 102 / 140			
4. MONITOR STATUS		PRIMARY NAVAID:												
		MONITOR POINT:												
		HRS OPTN:	CAT 1		CAT 3									
5. APPROACH & RUNWAY LIGHTING														
		X										MIRL 16 (PCL), 34 (PCL)		
													REIL	
													TDZ	
													C/LINE	
											OTHER (SPECIFY)			
6. RUNWAY MARKINGS											BASIC BSC-G 16, 34			
												ALL WEATHER		
													INSTRUMENT	
7. RUNWAY VISUAL RANGE											APPROACH			
												MIDFIELD		
													ROLL OUT	
8. GLIDE PATH											GP ANGLE:			
												ELEV RWY THRESHOLD:		
												ELEV GP ANTENNA:		
											THRESHOLD CROSSING HEIGHT:			
9. FINAL APPROACH COURSE AIMING											RUNWAY THRESHOLD			
												FT. FROM THRESHOLD		
											ON CENTERLINE			
											FT. FROM CENTERLINE			
10. WAIVERS: NONE														
PART D - PREPARED BY: LONNIE EVERHART (MICHAEL NOLAN)										DATE: 03/23/2018				
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5400				



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
--	--	--

PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	