

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 4000 DIRECT ZITAG AND ON TRACK 282.42 TO CRAFT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 282.42 INBOUND. CHART FAS OBST: 674 TREE 331140N/0971204W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 0.82 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 66020 REFERENCE PATH ID: W36A CHART CIRCLING ICON LTP HAE: 164.2 M					
UKW VORTAC		GREGS (FB)			101.89 / 18.54			4000							
GREGS (IAF)		FIDSU (FB)			169.16 / 27.69			4000							
FIDSU		WOBOS (FB)			084.96 / 10.00			3000							
WOBOS (IF)		NULUX (FB)			357.07 / 7.73			2000							
NULUX (FAF)		SHIEV/2.00 NM TO RW36 (FB)			357.07 / 2.15										
SHIEV/2.00 NM TO RW36		RW36 (MAP) (FO)			357.07 / 2.00										
(SEE FORM 8260-10)															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															
2. PROFILE STARTS AT WOBOS															
3. FAC: <u>357.07</u> FAF: NULUX DIST FAF TO MAP: <u>4.15</u> THLD: <u>4.15</u>															
4. MIN. ALT: WOBOS 3000, NULUX 2000, SHIEV/2.00 NM TO RW36 1300*															
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>2000</u> GS ALT AT: NULUX 2000 OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR															
8. MSA FROM: RW36 4000															
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	829	3/4	200	829	3/4	200	829	3/4	200	829	3/4	200			
LNAV/VNAV DA	879	3/4	250	879	3/4	250	879	3/4	250	879	3/4	250			
LNAV MDA	940	1	311	940	1	311	940	1	311	940	1	311			
CIRCLING	1160	1	518	1160	1	518	1160	1 1/2	518	1260	2	618			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON UKW VORTAC AIRWAY RADIALS 033 CW 184. *LNAV ONLY (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 642 TDZE: 629				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
DENTON, TX		AIRPORT NAME: DENTON MUNI						RNAV (GPS) RWY 36, AMDT 2 30 APRIL 2015				AMDT: 10			
												DATED 02/09/2012			

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RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO		COURSE AND DISTANCE	ALTITUDE
RW36 (MAP)		829 MSL		357.07	
829 MSL		ZITAG (FB)			
ZITAG		CRAFF (FO)		282.42 / 10.89	4000
NOTES, (CONT.):					
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH ALLIANCE ALTIMETER SETTING AND INCREASE ALL DA 44 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS AND CIRCLING CAT D VISIBILITY 1/4 MILE.					
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORT WORTH ALLIANCE ALTIMETER SETTING.					
CITY AND STATE		ELEVATION: 642 TDZE: 629		PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DENTON, TX		AIRPORT NAME:		RNAV (GPS) RWY 36, AMDT 2	
		DENTON MUNI		30 APRIL 2015	
		FACILITY IDENTIFIER:		SUP:	
		RNAV		QUALITY	
				AMDT: 10 1	
				DATED: 02/03/2012	

**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	KDTO
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	331133.9200N
LTP/FTP LONGITUDE	0971153.3500W
LTP/FTP ELLIPSOIDAL HEIGHT	+01642
FPAP LATITUDE	331303.1745N
FPAP LONGITUDE	0971151.3680W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 8A93C079

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01911
FPAP ORTHOMETRIC HEIGHT	+01911

CITY AND STATE

DENTON, TX

ELEVATION: 642

TDZE: 629

AIRPORT NAME:

DENTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 2

30 APRIL 2015

SUP: **QUALITY**AMDT: **10 1**DATED: **02/09/2012**

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDTOK4FR36	AUKW	010UKW	K4D 0V	IF					18000		A JS	
SUSAP	KDTOK4FR36	AUKW	020GREGSK4EA0E	A 020TF			10190185	+ 04000				A JS	
SUSAP	KDTOK4FR36	AUKW	030FIDSUK4EA0E	010TF			16920277	+ 04000				A JS	
SUSAP	KDTOK4FR36	AUKW	040WOBOSK4EA0EE	B 010TF			08500100	+ 03000				A JS	
SUSAP	KDTOK4FR36	R	010WOBOSK4EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KDTOK4FR36	R	020NULUXK4EA1E	F 051TF			35710077	+ 02000			RW36	K4PGA	JS
SUSAP	KDTOK4FR36	R	020NULUXK4EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KDTOK4FR36	R	021SHIEVK4EA0E	S 031TF			35710022	V 013000	01314		-300		A JS
SUSAP	KDTOK4FR36	R	030RW36	K4PGOGY M 031TF			35710020	00677			-300		A JS
SUSAP	KDTOK4FR36	R	040	0 M CA			3571	+ 00829					A JS
SUSAP	KDTOK4FR36	R	050ZITAGK4EA0E	DF									A JS
SUSAP	KDTOK4FR36	R	060CRAFFK4EA0EY	010TF			2824	+ 04000					A JS
SUSAP	KDTOK4FR36	R	070CRAFFK4EA0EE	R HM			28240040	+ 04000					A JS

[illegible]

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

3
QUALITY
4
CHECKED

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.

PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KDTOK4PR36 RW36 001 0000W36A0N3311339200W09711533500+016420300N3313031745W09711513680106750648000500F4003508A93C079
SUSAP KDTOK4PR36 RW36 002E +01911+01911LPV 66020

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KDTOK4SRW36 K4PG 0 18018004025 M


CITY AND STATE
DENTON, TX

ELEVATION: **642** TDZE: **629**
AIRPORT NAME:
DENTON MUNI


FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 36, AMDT 2
30 APRIL 2015

SUP: 
AMDT: **1**
DATED: **02/09/2012**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								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.				
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	UKW	UKW	010		IF		FB					
	UKW	GREGS	020	IAF	TF		FB	2.0	101.9 (105.9T)	018.5	AA 04000	
	UKW	FIDSU	030		TF		FB	1.0	169.2 (173.2T)	027.7	AA 04000	
	UKW	WOBOS	040		TF		FB	1.0	085.0 (089.0T)	010.0	AA 03000	
		WOBOS	010	FACF	IF		FB				AA 03000	
		NULUX	020	FAF	TF		FB	0.5	357.1 (001.1T)	007.7	AA 02000	
		SHIEV	021	SDF	TF		FB	0.3	357.1 (001.1T)	002.2	AA 01300 GS 01314	
		RW36	030	MAP	TF		FO	0.3	357.1 (001.1T)	002.0	AT 00677	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		357.1 (001.1T)		AA 00829	
		ZITAG	050		DF		FB					
		CRAFF	060		TF		FO	1.0	282.4 (286.4T)		AA 04000	
		CRAFF	070		HM	R	FO		282.4 (286.4T)	004.0	AA 04000	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		UKW		N333209.19		W0974916.60		N3332.153		W09749.277		
		CRAFF		N332317.51		W0972410.66		N3323.292		W09724.178		
		FIDSU		N325929.55		W0972402.44		N3259.493		W09724.041		
		GREGS		N332702.19		W0972757.80		N3327.037		W09727.963		
		NULUX		N330724.20		W0971158.89		N3307.403		W09711.982		
		SHIEV		N330933.71		W0971156.02		N3309.562		W09711.934		
		WOBOS		N325939.87		W0971209.18		N3259.665		W09712.153		
		ZITAG		N332012.97		W0971141.81		N3320.216		W09711.697		
		RW36		N331133.92		W0971153.35		N3311.565		W09711.889		
RUNWAY DATA				THRESHOLD								
		RWY		ELEVATION		TCH						
		RW36		00627		50						



CITY AND STATE DENTON, TX	ELEVATION: 642	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 2 30 APRIL 2015	SUP: 4
	AIRPORT NAME: DENTON MUNI			AMDT: 1
				DATED: 02/09/2012