

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SASIE (IAF)	VELCI (FB)	166.60 / 4.60	3000
KARLA (IAF)	VELCI (FB)	257.80 / 9.22	3000
VELCI (IF)	IKOTY (FB)	179.12 / 6.00	2300
IKOTY (FAF)	LIRNE/2.50 NM TO RW18 (FB)	179.12 / 2.76	
LIRNE/2.50 NM TO RW18	RW18 (MAP) (FO)	179.12 / 2.50	
RW18 (MAP)	776 MSL	179.12	
776 MSL	ONEME (FO)		3000

MISSED APPROACH

LPV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT ONEME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.11 INBOUND.
CHART FAS OBST: 669 TREE 331239N/0963440W
CHART: 729 TREE 331331N/0963437W
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 0.92 MILES TO RW18"
*LNAV ONLY.
WAAS CHANNEL # 87102
REFERENCE PATH ID: W18A
CHART APT ELEV 589
LTP HAE: 149.9 M

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT VELCI
- FAC: 179.12 FAF: IKOTY DIST FAF TO MAP: 5.26 THLD: 5.26
- MIN. ALT: VELCI 3000, IKOTY 2300, LIRNE/2.50 NM TO RW18 1420*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2300 GS ALT AT: IKOTY 2300 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
- MSA FROM: RW18 3800

MAG VAR: 3E

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	776	1/2	200	776	1/2	200	776	1/2	200	776	1/2	200			
LNAV MDA	920	1/2	344	920	1/2	344	920	5/8	344	920	5/8	344			
CIRCLING	1120	1	531	1120	1	531	1120	1 1/2	531	1200	2	611			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART NOTE: VDP NA WITH DALLAS LOVE FIELD ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE

DALLAS, TX

ELEVATION: 589

THRE: 576

AIRPORT NAME:

COLLIN COUNTY RGNL AT MC KINNEY

FACILITY

IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 2
26 JULY 2012

SUP: RNAV (GPS) RWY

AMDT: 1

DATED 12/17/2009

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NOTES, (CONT.):

INCREASE ALL DA 70 FEET AND ALL MDA 80 FEET, INCREASE LNAV CATS C AND D 1/8 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERTAIVE MALSR WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 1 MILE.

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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	KTKI
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	331112.0500N
LTP/FTP LONGITUDE	0963518.0400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01499
FPAP LATITUDE	330942.8400N
FPAP LONGITUDE	0963521.9700W
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	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

21ADE482

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01755
FPAP ORTHOMETRIC HEIGHT	+01755

CITY AND STATE DALLAS, TX	ELEVATION: 589 THRE: 576 AIRPORT NAME: COLLIN COUNTY RGNL AT MC KINNEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 2 26 JULY 2012	SUP: RNAV (GPS) RWY 17
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KTKIK4FR18	AKARLA	010KARLAK4EA0E	A	IF					18000		A	JS	
SUSAP	KTKIK4FR18	AKARLA	020VELCIK4EA0EE	B	010TF		25780092	+	03000			A	JS	
SUSAP	KTKIK4FR18	ASASIE	010SASIEK4EA0E	A	IF					18000		A	JS	
SUSAP	KTKIK4FR18	ASASIE	020VELCIK4EA0EE	B	010TF		16660046	+	03000			A	JS	
SUSAP	KTKIK4FR18	R	010VELCIK4EA0E	I	IF			+	03000	18000		A	JS	
SUSAP	KTKIK4FR18	R	020IKOTYK4EA1E	F	051TF		17910060	+	02300		RW18	K4PGA	JS	
SUSAP	KTKIK4FR18	R	020IKOTYK4EA2WALPV			N	ALNAV						JS	
SUSAP	KTKIK4FR18	R	021LIRNEK4EA0E	S	031TF		17910028	V	0142001422		-300		A	JS
SUSAP	KTKIK4FR18	R	030RW18 K4PGOGY	M	031TF		17910025		00626		-300		A	JS
SUSAP	KTKIK4FR18	R	040	0	M	CA	1791	+	00776				A	JS
SUSAP	KTKIK4FR18	R	050ONEMEK4EA0EY		DF			+	03000				A	JS
SUSAP	KTKIK4FR18	R	060ONEMEK4EA0EE	R	HM		35910040	+	03000				A	JS

[illegible][illegible][illegible]

CITY AND STATE DALLAS, TX	ELEVATION: 589	THRE: 576	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
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	COLLIN COUNTY RGNL AT MC KINNE	RNAV		26 JULY 2012	DATED: 12/17/2009

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SUSAP KTKIK4SRW18 K4PG

0 18018003825

M

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DALLAS, TX

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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
	KARLA	KARLA	010	IAF	IF		FB					
	KARLA	VELCI	020		TF		FB	1.0	257.8 (260.8T)	009.2	AA 03000	
	SASIE	SASIE	010	IAF	IF		FB					
	SASIE	VELCI	020		TF		FB	1.0	166.6 (169.6T)	004.6	AA 03000	
		VELCI	010	FACF	IF		FB				AA 03000	
		IKOTY	020	FAF	TF		FB	0.5	179.1 (182.1T)	006.0	AA 02300	
		LIRNE	021	SDF	TF		FB	0.3	179.1 (182.1T)	002.8	AA 01420 GS 01422	
		RW18	030	MAP	TF		FO	0.3	179.1 (182.1T)	002.5	AT 00626	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		179.1 (182.1T)		AA 00776	
	ONEME	050		DF		FO				AA 03000	
	ONEME	060		HM	R	FO		359.1 (002.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IKOTY	N331627.84	W0963504.12	N3316.464	W09635.069
	KARLA	N332357.59	W0962356.07	N3323.960	W09623.935
	LIRNE	N331342.23	W0963511.43	N3313.704	W09635.191
	ONEME	N325945.85	W0963548.06	N3259.764	W09635.801
	SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
	VELCI	N332228.47	W0963448.20	N3322.475	W09634.803
	RW18	N331112.05	W0963518.04	N3311.201	W09635.301

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00576	53

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