

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			LPV: DA LNAV/VNAV: DA LNAV: RW31L CLIMB TO 3000 DIRECT HODAX AND ON TRACK 306.22 TO KAGLE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 126.00 INBOUND. CHART FAS OBST: 734 TANK 325042N/0970039W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 1.24 MILES TO RW31L* *LNAV ONLY. WAAS CHANNEL # 99703 REFERENCE PATH ID: W31A LTP HAE: 148.8 M					
ZUREK (IAF)		WOLKA (FB)		315.21 / 4.00			5000								
WOLKA (IF)		NKORT (FB)		315.18 / 7.40			3000								
NKORT		TARRO (FB)		315.13 / 3.92			2400								
TARRO (FAF)		RW31L (MAP) (FO)		315.10 / 5.55											
RW31L (MAP)		831 MSL		315.10											
831 MSL		HODAX (FB)													
HODAX		KAGLE (FO)		306.22 / 26.04			3000								
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 ZUREK 3. FAC: 315.10 FAF: TARRO DIST FAF TO MAP: 5.55 THLD: 5.55 4. MIN. ALT: ZUREK 5000, WOLKA 5000, NKORT 3000, TARRO 2400 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2400 GS ALT AT: TARRO 2400 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS CLEAR 8. MSA FROM: RW31L 3600												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	831	4000	250	831	4000	250	831	4000	250	831	4000	250			
LNAV/VNAV DA	907	5000	326	907	5000	326	907	5000	326	907	5000	326			
LNAV MDA	1060	5500	479	1060	5500	479	1060	1 3/8	479	1060	1 3/8	479			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4C (25F) OR ABOVE 54C (130F). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 31R. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 607 TDZE: 581		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
DALLAS-FORT WORTH, TX		AIRPORT NAME: DALLAS/FORT WORTH INTL		RNAV		RNAV (GPS) Y RWY 31L, AMDT 1B 18 SEPTEMBER 2014				AMDT: 1A DATED 02/06/2014					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY
CHECKED

CITY AND STATE DALLAS-FORT WORTH, TX	ELEVATION: 607	TDZE: 581	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 31L, AMDT 1B 18 SEPTEMBER 2014	SUP:
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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	KDFW
RUNWAY	RW31L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	325324.9700N
LTP/FTP LONGITUDE	0970347.7940W
LTP/FTP ELLIPSOIDAL HEIGHT	+01488
FPAP LATITUDE	325434.4720N
FPAP LONGITUDE	0970459.2780W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
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)	50.0

CRC REMAINDER

33BD2FF9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01759
FPAP ORTHOMETRIC HEIGHT	+01759

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDFWK4FR31LY	AZUREK	010ZUREKK4EA0E	A	IF				+ 05000	18000		A JS	
SUSAP	KDFWK4FR31LY	AZUREK	020WOLKAK4EA0EE	B	010TF		31520040		+ 05000			A JS	
SUSAP	KDFWK4FR31LY	R	010WOLKAK4EA0E	I	IF				+ 05000	18000		A JS	
SUSAP	KDFWK4FR31LY	R	011NKORTK4EA0E	S	051TF		31520074		+ 03000			A JS	
SUSAP	KDFWK4FR31LY	R	020TARROK4EA1E	F	051TF		31510039		+ 02400		RW31L K4PGA	JS	
SUSAP	KDFWK4FR31LY	R	020TARROK4EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KDFWK4FR31LY	R	030RW31LK4PGOGY	M	031TF		31510056	00631		-300		A JS	
SUSAP	KDFWK4FR31LY	R	040	O	M	CA	3151		+ 00831			A JS	
SUSAP	KDFWK4FR31LY	R	050HODAXK4EA0E		DF							A JS	
SUSAP	KDFWK4FR31LY	R	060KAGLEK4EA0EY		010TF		3062		+ 03000			A JS	
SUSAP	KDFWK4FR31LY	R	070KAGLEK4EA0EE	R	HM		12600040		+ 03000			A JS	

[illegible][illegible][illegible]

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SUSAP KDFWK4SRW31LK4PG

0 18018003625

M

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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
	ZUREK	ZUREK	010	IAF	IF		FB				AA 05000	
	ZUREK	WOLKA	020		TF		FB	1.0	315.2 (319.2T)	004.0	AA 05000	
		WOLKA	010	FACF	IF		FB				AA 05000	
		NKORT	011	SDF	TF		FB	0.5	315.2 (319.2T)	007.4	AA 03000	
		TARRO	020	FAF	TF		FB	0.5	315.1 (319.1T)	003.9	AA 02400	
		RW31L	030	MAP	TF		FO	0.3	315.1 (319.1T)	005.6	AT 00631	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		315.1 (319.1T)		AA 00831	
	HODAX	050		DF		FB					
	KAGLE	060		TF		FO	1.0	306.2 (310.2T)		AA 03000	
	KAGLE	070		HM	R	FO		126.0 (130.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HODAX	N325830.21	W0970902.13	N3258.504	W09709.036
	KAGLE	N331518.70	W0973244.51	N3315.312	W09732.742
	NKORT	N324614.69	W0965626.22	N3246.245	W09656.437
	TARRO	N324912.65	W0965928.65	N3249.211	W09659.478
	WOLKA	N324038.35	W0965042.19	N3240.639	W09650.703
	ZUREK	N323736.14	W0964736.22	N3237.602	W09647.604
	RW31L	N325324.97	W0970347.79	N3253.416	W09703.797

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31L	00577	54

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