

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												
OBDW	IFGAK (FB)	235.22 / 5.37	3100	LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 3100 DIRECT GOPHR AND HOLD.											
CAWBU	ATVIEW (FB)	070.26 / 21.91	3100												
IFGAK (IAF)	BSHWD (NOPT) (FB)	243.99 / 5.00	3100	ADDITIONAL FLIGHT DATA: HOLD NW, LT, 153.83 INBOUND. CHART FAS OBST: 1509 TREE 374449N/0964739W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.11 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 70434 REFERENCE PATH ID: W33A CHART CIRCLING ICON LTP HAE: 391.2 M											
ATVIEW (IAF)	BSHWD (NOPT) (FB)	063.87 / 5.00	3100												
BSHWD (IF/IAF)	WAXFY (FB)	333.93 / 5.04	3000												
WAXFY (FAF)	WEXOS/1.70 NM TO RW33 (FB)	333.90 / 3.26													
(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. HOLD SE BSHWD, LT, 333.93 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>333.90</u> FAF: <u>WAXFY</u> DIST FAF TO MAP: <u>4.96</u> THLD: <u>4.96</u> 4. MIN. ALT: BSHWD 3100, WAXFY 3000, WEXOS/1.70 NM TO RW33 1960* 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>3000</u> GS ALT AT: <u>WAXFY 3000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW33 3600</u>				MAG VAR: 5E EPOCH YEAR: 2000											
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
LPV DA	1579	1	200	1579	1	200		NA			NA				
LNAV/VNAV DA	1629	1	250	1629	1	250		NA			NA				
LNAV MDA	1760	1	381	1760	1	381		NA			NA				
CIRCLING	1820	1	441	1960	1	581		NA			NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OBDW ON V354 NORTHBOUND AND V350 EASTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CAWBU ON V73 NORTHWEST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1379 THRE: 1379		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
EL DORADO, KS		AIRPORT NAME:		CAPTAIN JACK THOMAS/EL DORADO		RNAV (GPS) RWY 33, AMDT 1				AMDT: ORIG					
						19 SEPTEMBER 2013				DATED 03/10/2011					

QUALITY
9
CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEXOS/1.70 NM TO RW33	RW33 (MAP) (FO)	333.90 / 1.70	
RW33 (MAP)	1579 MSL	333.90	
1579 MSL	GOPHR (FO)		3100

NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLONEL JAMES JABARA ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLONEL JAMES JABARA ALTIMETER SETTING.

CITY AND STATE

EL DORADO, KS

ELEVATION: 1379

THRE: 1379

AIRPORT NAME:

CAPTAIN JACK THOMAS/EL DORADO

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, AMDT 1

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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	KEQA
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	374606.3130N
LTP/FTP LONGITUDE	0964853.0145W
LTP/FTP ELLIPSOIDAL HEIGHT	+03912
FPAP LATITUDE	374729.5200N
FPAP LONGITUDE	0964933.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

B8B85B81

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04204
FPAP ORTHOMETRIC HEIGHT	+04204

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EL DORADO, KS

ELEVATION: 1379

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KEQAK3FR33	ABSHWD	010BSHWDK3EA0EE	AL	HF		33390040	+	03100	18000		A	JS	
SUSAP	KEQAK3FR33	ACAWBU	010CAWBK3EA0E		IF					18000		A	JS	
SUSAP	KEQAK3FR33	ACAWBU	020ATVEWK3EA0E	A	020TF		07030219	+	03100			A	JS	
SUSAP	KEQAK3FR33	ACAWBU	030BSHWDK3EA0EE	B	010TF		06390050	+	03100			A	JS	
SUSAP	KEQAK3FR33	AOBDAW	010OBDADK3EA0E		IF					18000		A	JS	
SUSAP	KEQAK3FR33	AOBDAW	020IFGAKK3EA0E	A	020TF		23520054	+	03100			A	JS	
SUSAP	KEQAK3FR33	AOBDAW	030BSHWDK3EA0EE	B	010TF		24400050	+	03100			A	JS	
SUSAP	KEQAK3FR33	R	010BSHWDK3EA0E	I	IF			+	03100	18000		A	JS	
SUSAP	KEQAK3FR33	R	020WAXFYK3EA1E	F	051TF		33390050	+	03000		RW33	K3PGA	JS	
SUSAP	KEQAK3FR33	R	020WAXFYK3EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP	KEQAK3FR33	R	021WEXOSK3EA0E	S	031TF		33390033	V	0196001961		-300		A	JS
SUSAP	KEQAK3FR33	R	030RW33	K3PGOGY	M	031TF	33390017		01419		-300		A	JS
SUSAP	KEQAK3FR33	R	040		M	CA	3339	+	01579				A	JS
SUSAP	KEQAK3FR33	R	050GOPHRK3EA0EY		DF			+	03100				A	JS
SUSAP	KEQAK3FR33	R	060GOPHRK3EA0EE	L	HM		15380040	+	03100				A	JS

[illegible][illegible]

CITY AND STATE EL DORADO, KS	ELEVATION: 1379 THRE: 1379 AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 19 SEPTEMBER 2013	SUP:
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SUSAP KEQAK3PR33 RW33 001 0000W33A0N3746063130W09648530145+039120300N3747295200W09649335100106751472000400F400350B8B85B81
SUSAP KEQAK3PR33 RW33 002E +04204+04204LPV 70434

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

SUSAP KEQAK3SRW33 K3PG 0 18018003625 M

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CITY AND STATE
EL DORADO, KS

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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
	BSHWD	BSHWD	010	IAF	HF	L	FO		333.9 (338.9T)	004.0	AA 03100	
	CAWBU	CAWBU	010		IF		FB					
	CAWBU	ATVEW	020	IAF	TF		FB	2.0	070.3 (075.3T)	021.9	AA 03100	
	CAWBU	BSHWD	030		TF		FB	1.0	063.9 (068.9T)	005.0	AA 03100	
	OBDWA	OBDWA	010		IF		FB					
	OBDWA	IFGAK	020	IAF	TF		FB	2.0	235.2 (240.2T)	005.4	AA 03100	
	OBDWA	BSHWD	030		TF		FB	1.0	244.0 (249.0T)	005.0	AA 03100	
		BSHWD	010	FACF	IF		FB				AA 03100	
		WAXFY	020	FAF	TF		FB	0.5	333.9 (338.9T)	005.0	AA 03000	
		WEXOS	021	SDF	TF		FB	0.3	333.9 (338.9T)	003.3	AA 01960 GS 01961	
		RW33	030	MAP	TF		FO	0.3	333.9 (338.9T)	001.7	AT 01419	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		333.9 (338.9T)		AA 01579	
	GOPHR	050		DF		FO				AA 03100	
	GOPHR	060		HM	L	FO		153.8 (158.8T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ATVEW	N373457.74	W0965013.10	N3734.962	W09650.218
	BSHWD	N373645.87	W0964420.92	N3736.765	W09644.349
	CAWBU	N372925.94	W0971652.58	N3729.432	W09716.876
	GOPHR	N375605.30	W0965345.13	N3756.088	W09653.752
	IFGAK	N373833.70	W0963828.46	N3738.562	W09638.474
	OBDWA	N374113.95	W0963236.56	N3741.233	W09632.609
	WAXFY	N374128.17	W0964637.82	N3741.470	W09646.630
	WEXOS	N374431.05	W0964806.67	N3744.518	W09648.111
	RW33	N374606.31	W0964853.01	N3746.105	W09648.884

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	01379	40

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