

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
UBWIK	ZURED (FB)	281.75 / 17.46	3100	LPV: DA LNAV/VNAV: DA LNAV: RW15											
ZURED (IAF)	GOPHR (NOPT) (FB)	243.91 / 7.00	3100	CLIMB TO 3100 DIRECT BSHWD AND HOLD.											
INDIC (IAF)	GOPHR (NOPT) (FB)	082.26 / 10.19	3100												
GOPHR (IF/IAF)	ORWOR (FB)	153.83 / 5.02	3000												
ORWOR (FAF)	HUBBN/2.20 NM TO RW15 (FB)	153.86 / 2.78													
HUBBN/2.20 NM TO RW15	RW15 (MAP) (FO)	153.86 / 2.20		ADDITIONAL FLIGHT DATA: HOLD SE, LT, 333.93 INBOUND. CHART FAS OBST: 1528 TWR 374806N/0964908W CHART 1732 TOWER 375026N/0965153W. DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.19 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 56334 REFERENCE PATH ID: W15A CHART CIRCLING ICON LTP HAE: 389.4 M											
(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 NW GOPHR, LT, 153.83 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>153.86</u> FAF: <u>ORWOR</u> DIST FAF TO MAP: <u>4.98</u> THLD: <u>4.98</u> 4. MIN. ALT: GOPHR 3100, ORWOR 3000, HUBBN/2.20 NM TO RW15 2100* 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>ORWOR 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 NOT CLEAR 8. MSA FROM: <u>RW15 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	1623	1	250	1623	1	250		NA			NA				
LNAV/VNAV DA	1838	1 5/8	465	1838	1 5/8	465		NA			NA				
LNAV MDA	1780	1	407	1780	1	407		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 UBWIK ON V354 NORTHBOUND AND V132 EASTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INDIC ON V12 SOUTHWEST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1379 THRE: 1373		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
EL DORADO, KS		AIRPORT NAME:		CAPTAIN JACK THOMAS/EL DORADO		RNAV (GPS) RWY 15, 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
RW15 (MAP)	1623 MSL	153.86	
1623 MSL	BSHWD (FO)		3100

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLONEL JAMES JABARA ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

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

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CITY AND STATE
EL DORADO, KS

ELEVATION: 1379 THRE: 1373
AIRPORT NAME:
CAPTAIN JACK THOMAS/EL DORADO

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 1
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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	KEQA
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	374645.0470N
LTP/FTP LONGITUDE	0964911.8585W
LTP/FTP ELLIPSOIDAL HEIGHT	+03894
FPAP LATITUDE	374521.8400N
FPAP LONGITUDE	0964831.3800W
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)	50.0

CRC REMAINDER

B2ABF778

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04186
FPAP ORTHOMETRIC HEIGHT	+04186

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CITY AND STATE EL DORADO, KS	ELEVATION: 1379 THRE: 1373 AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 19 SEPTEMBER 2013	SUP:
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WP	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAEAEENRT	BSHWD	K30	W	N37364587W096442092				E0036	NAR		BSHWD		
SUSAEAEENRT	GOPHR	K30	W	N37560530W096534513				E0037	NAR		GOPHR		
SUSAEAEENRT	HUBBN	K30	W	N37484832W096501188				E0037	NAR		HUBBN		
SUSAEAEENRT	INDIC	K30	C	L N37553678W097063723				E0038	NAR		INDIC		
SUSAEAEENRT	ORWOR	K30	W	N37512419W096512786				E0037	NAR		ORWOR		
SUSAEAEENRT	UBWIK	K30	C	L N37533645W096242112				E0034	NAR		UBWIK		
SUSAEAEENRT	ZURED	K30	W	N37583686W096452979				E0036	NAR		ZURED		

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KEQAK3FR15	AGOPHR	010GOPHRK3EA0EE	AL	HF			15380040		+ 03100	18000		A JS	
SUSAP KEQAK3FR15	AINDIC	010INDICK3EA0E	A	IF						18000		A JS	
SUSAP KEQAK3FR15	AINDIC	020GOPHRK3EA0EE	B	010TF			08230102		+ 03100			A JS	
SUSAP KEQAK3FR15	AUBWIK	010UBWIKK3EA0E		IF						18000		A JS	
SUSAP KEQAK3FR15	AUBWIK	020ZUREDK3EA0E	A	020TF			28180175		+ 03100			A JS	
SUSAP KEQAK3FR15	AUBWIK	030GOPHRK3EA0EE	B	010TF			24390070		+ 03100			A JS	
SUSAP KEQAK3FR15	R	010GOPHRK3EA0E	I	IF					+ 03100	18000		A JS	
SUSAP KEQAK3FR15	R	020ORWORK3EA1E	F	051TF			15380050		+ 03000		RW15	K3PGA	JS
SUSAP KEQAK3FR15	R	020ORWORK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KEQAK3FR15	R	021HUBBNK3EA0E	S	031TF			15390028		V 0210002114		-300		A JS
SUSAP KEQAK3FR15	R	030RW15 K3PGOGY	M	031TF			15390022		01413		-300		A JS
SUSAP KEQAK3FR15	R	040		0 M	CA		1539		+ 01623				A JS
SUSAP KEQAK3FR15	R	050BSHWDK3EA0EY		DF					+ 03100				A JS
SUSAP KEQAK3FR15	R	060BSHWDK3EA0EE		L020HM			33390040		+ 03100				A JS

[illegible][illegible]

SUP:	
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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
	GOPHR	GOPHR	010	IAF	HF	L	FO		153.8(158.8T)	004.0	AA 03100	
	INDIC	INDIC	010	IAF	IF		FB					
	INDIC	GOPHR	020		TF		FB	1.0	082.3(087.3T)	010.2	AA 03100	
	UBWIK	UBWIK	010		IF		FB					
	UBWIK	ZURED	020	IAF	TF		FB	2.0	281.8(286.8T)	017.5	AA 03100	
	UBWIK	GOPHR	030		TF		FB	1.0	243.9(248.9T)	007.0	AA 03100	
		GOPHR	010	FACF	IF		FB				AA 03100	
		ORWOR	020	FAF	TF		FB	0.5	153.8(158.8T)	005.0	AA 03000	
		HUBBN	021	SDF	TF		FB	0.3	153.9(158.9T)	002.8	AA 02100	GS 02114
		RW15	030	MAP	TF		FO	0.3	153.9(158.9T)	002.2	AT 01413	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		153.9(158.9T)		AA 01623	
	BSHWD	050		DF		FO				AA 03100	
	BSHWD	060		HM	L	FO	2.0	333.9(338.9T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BSHWD	N373645.87	W0964420.92	N3736.765	W09644.349
	GOPHR	N375605.30	W0965345.13	N3756.088	W09653.752
	HUBBN	N374848.32	W0965011.88	N3748.805	W09650.198
	INDIC	N375536.78	W0970637.23	N3755.613	W09706.621
	ORWOR	N375124.19	W0965127.86	N3751.403	W09651.464
	UBWIK	N375336.45	W0962421.12	N3753.608	W09624.352
	ZURED	N375836.86	W0964529.79	N3758.614	W09645.497
	RW15	N374645.05	W0964911.86	N3746.751	W09649.198

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01373	40

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