

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		LPV: DA LNAV/VNAV: DA LNAV: RW24						
WEIDS (IAF)		EBLIS (TF) (FB) (RNP 1.00)		269.73 / 7.11				3000		CLIMB TO 3000 DIRECT HIGUL AND ON TRACK 147.48 TO ZUPKO AND HOLD.						
EBLIS (IF)		IMUSY (TF) (FB) (RNP 1.00)		237.62 / 4.43				3000								
IMUSY		KROOK (TF) (FB) (RNP 1.00)		237.57 / 3.68				2300		ADDITIONAL FLIGHT DATA: HOLD N, RT, 195.61 INBOUND. FAS OBST: 1029 AAO 413600N/0812448W. DISTANCE TO THLD FROM 311 HAT: 0.82 NM. CHART VDP AT 1.10 NM TO RW24* *LNAV ONLY. WAAS CHANNEL # 42528 REFERENCE PATH ID: W24A LTP HAE: 233.6 M						
KROOK (FAF)		RW24 (MAP) (TF) (FO) (RNP 0.30)		237.53 / 4.31												
RW24 (MAP)		1190 MSL (CA)		237.53												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 8W EPOCH YEAR: 1995						
2. PROFILE STARTS AT EBLIS																
3. FAC: 237.53 FAF: KROOK DIST FAF TO MAP: 4.31 THLD: 4.31																
4. MIN. ALT: EBLIS 3000, IMUSY 3000, KROOK 2300																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 2300 GS ALT AT: KROOK 2300 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 49.6 20:1 IS CLEAR 34:1 IS NOT CLEAR																
8. MSA FROM: RW24 3100																
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		1194	3/4	315	1194	3/4	315	1194	3/4	315	1194	3/4	315			
LNAV/VNAV DA		1190	3/4	311	1190	3/4	311	1190	3/4	311	1190	3/4	311			
LNAV MDA		1280	3/4	401	1280	3/4	401	1280	3/4	401	1280	3/4	401			
CIRCLING		1400	1	521	1440	1	561	1440	1 1/2	561	1540	2	661			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 SM, LNAV CAT A, B (CONTINUED ON PAGE 2)																
CITY AND STATE CLEVELAND, OH		ELEVATION: 879 TDZE: 879 AIRPORT NAME: CUYAHOGA COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1B 24 MAY 2018						SUP: AMDT: 1A DATED 04/02/2015				



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
1190 MSL	HIGUL (DF) (FB) (RNP 1.00)		
HIGUL	ZUPKO (TF) (FO) (RNP 1.00)	147.48 / 11.11	3000

NOTES, (CONT.):

VISIBILITY TO 1 SM AND CAT C, D TO 1 1/8 SM.

PBN REQUIREMENT NOTE: RNP APCH

QUALITY
19
CHECKED

CITY AND STATE

CLEVELAND, OH

ELEVATION: 879

TDZE: 879

AIRPORT NAME:

CUYAHOGA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1B

24 MAY 2018

SUP:

AMDT: 1A

DATED: 04/02/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCGF
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	413410.8155N
LTP/FTP LONGITUDE	0812845.3695W
LTP/FTP ELLIPSOIDAL HEIGHT	+02336
FPAP LATITUDE	413312.8900N
FPAP LONGITUDE	0813015.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00049.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9E11CCC9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02678
FPAP ORTHOMETRIC HEIGHT	+02678

QUALITY
19
CHECKED

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				AMDT: 1A
				DATED: 04/02/2015