

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		LP: RW10 LNAV: RW10 CLIMB TO 4000 DIRECT EKUME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 281.51 INBOUND. CHART FAS OBST: 985 COMM TWR 412506N/0815403W. WAAS CHANNEL # 73026 REFERENCE PATH ID: W10A JUUBA TO RW10: 3.00/45 LTP HAE: 199.6 M						
GILLS		TAMDE (TF) (FB) (RNP 2.00)			220.58 / 26.20				3000								
TAMDE (IAF)		FIMOL (NOPT) (TF) (FB) (RNP 1.00)			161.05 / 6.00				3000								
DJB VOR/DME (IAF)		FIMOL (NOPT) (TF) (FB) (RNP 1.00)			040.55 / 4.94				3000								
FIMOL (IF/IAF)		JUUBA (TF) (FB) (RNP 1.00)			101.09 / 6.26				2400								
JUUBA (FAF)		RW10 (MAP) (TF) (FO) (RNP 0.30)			101.24 / 4.99												
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W FIMOL, RT, 101.11 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 101.24 FAF: JUUBA DIST FAF TO MAP: 4.99 THLD: 4.99 4. MIN. ALT: FIMOL 3000, JUUBA 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 20:1 IS NOT CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: RW10 3100																	
											MAG VAR: 8W					EPOCH YEAR: 2020	
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		
LP MDA	1240	1	457	1240	1	457	1240	1 3/8	457	1240	1 3/8	457					
LNAV MDA	1240	1	457	1240	1	457	1240	1 3/8	457	1240	1 3/8	457					
NOTES: CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. PBN REQUIREMENTS NOTE: RNP APCH.																	
CITY AND STATE		ELEVATION: 799 TDZE: 783			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:					
CLEVELAND, OH		AIRPORT NAME: CLEVELAND-HOPKINS INTL					RNAV (GPS) RWY 10, AMDT 3C					AMDT: 3B					
							24 MAY 2018					DATED 12/07/2017					



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
RW10 (MAP)	1199 MSL (CA)	101.24	
1199 MSL	EKUME (DF) (FO) (RNP 1.00)		4000

CITY AND STATE
CLEVELAND, OH

ELEVATION: 799 TDZE: 783
AIRPORT NAME:
CLEVELAND-HOPKINS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10, AMDT 3C
24 MAY 2018

SUP: **QUALITY 10 CHECKED**
AMDT: 3B
DATED: 12/07/2017

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCLE
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	412501.2550N
LTP/FTP LONGITUDE	0815115.2840W
LTP/FTP ELLIPSOIDAL HEIGHT	+01996
FPAP LATITUDE	412456.0910N
FPAP LONGITUDE	0814917.0580W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0912
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 740B4920

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02338
FPAP ORTHOMETRIC HEIGHT	+02338

CITY AND STATE

CLEVELAND, OH

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, AMDT 3C

24 MAY 2018

SUP:

AMDT:

DATED:

 QUALITY
10
CHECKED

3B

12/07/2017