

RNAV (RNP) - 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		RNP: DA CLIMB TO 3000 DIRECT ACAPO AND ON TRACK 001.28 TO PASLE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, LT, 055.00 INBOUND. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S DISTANCE TO THLD FROM 350 HAT: 0.98 NM. CHART MANDATORY 7000 AT JHUDY AND JAAIN. CHART MANDATORY 6000 AT GROHL. CHART MANDATORY 5000 AT HICKR. CHART MINIMUM 6000 AT KWENE. #TCH 825.5 (DO NOT CHART).					
JAAIN (IAF)		TIA NT (TF) (FB) (RNP 1.00)			237.99 / 2.82				6000							
TIA NT (IF)		WIPPN (TF) (FB) (RNP 1.00)			238.02 / 3.30				5000							
WIPPN		DEVYL (RF) (FB) (RNP 1.00)			(2.70 NM RADIUS CW (CFFCJ))/8.48				2300							
JHUDY (IAF)		FRIND (TF) (FB) (RNP 1.00)			237.99 / 2.81				6000							
FRIND (IF)		UVTHE (TF) (FB) (RNP 1.00)			237.99 / 3.30				5000		MAG VAR: 8W EPOCH YEAR: 2020					
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT DEVYL 3. FAC: 057.90 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: DEVYL 2300, BOEEE 2000 5. DIST TO THLD FROM OM: 3.69 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: BOEEE 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.1 # 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW06L 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	
AUTHORIZATION REQUIRED																
RNP 0.17 DA	1123	3000	350	1123	3000	350	1123	3000	350	1123	3000	350				
RNP 0.30 DA	1176	4000	403	1176	4000	403	1176	4000	403	1176	4000	403				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART SPEED ICON IN PLANVIEW AT JAAIN : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT JHUDY : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT GROHL : MAX 210 KIAS. (CONTINUED ON PAGE 2)																
CITY AND STATE CLEVELAND, OH				ELEVATION: 799 TDZE: 773 AIRPORT NAME: CLEVELAND-HOPKINS INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 6L, ORIG 24 MAY 2018				SUP: AMDT: NONE DATED		



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			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.	
RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33				
TERMINAL ROUTES, (CONT.):				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
UVTHE	DEVYL (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CCW (CFCCT))/8.49	2300	
GROHL (IAF)	IFITZ (TF) (FB) (RNP 1.00)	356.09 / 5.90	4000	
IFITZ	BETLL (RF) (FB) (RNP 1.00)	(3.40 NM RADIUS CW (CFBHW))/3.67	2900	
HICKR (IAF)	STEMR (TF) (FB) (RNP 1.00)	141.97 / 3.33	4000	
STEMR	BETLL (RF) (FB) (RNP 1.00)	(3.00 NM RADIUS CCW (CFDSJ))/4.41	2900	
KWENE (IAF)	DAYZD (TF) (FB) (RNP 1.00)	057.76 / 6.11	4000	
DAYZD	BETLL (TF) (FB) (RNP 1.00)	057.83 / 3.45	2900	
BETLL (IF)	DEVYL (TF) (FB) (RNP 1.00)	057.86 / 1.90	2300	
DEVYL	BOEEE (TF) (FB) (RNP 1.00)	057.89 / 1.10	2000	
BOEEE (FAF)	RW06L (MAP) (TF) (FO) (RNP 0.30)	057.90 / 3.69		
RW06L (MAP)	1123 MSL (CA)	057.90		
1123 MSL	ACAPO (DF) (FB) (RNP 1.00)			
ACAPO	PASLE (TF) (FO) (RNP 1.00)	001.28 / 8.07	3000	
NOTES, (CONT.): CHART SPEED ICON IN PLANVIEW AT HICKR : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT KWENE : MAX 210 KIAS. CHART PLANVIEW NOTE ADJACENT TO JAAIN: RF REQUIRED. CHART PLANVIEW NOTE ADJACENT TO JHUDY: RF REQUIRED. CHART PLANVIEW NOTE ADJACENT TO GROHL: RF REQUIRED. CHART PLANVIEW NOTE ADJACENT TO HICKR: RF REQUIRED. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). PBN REQUIREMENTS NOTE: RNP AR APCH CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.17 ALL CATS VISIBILITY TO RVR 5500 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.				
CITY AND STATE	ELEVATION: 799	TDZE: 773	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
CLEVELAND, OH	AIRPORT NAME:		RNAV	RNAV (RNP) Z RWY 6L, ORIG
	CLEVELAND-HOPKINS INTL			24 MAY 2018
			SUP:	
			AMDT:	NONE
			DATED:	

QUALITY
23
CHECKED