

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				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: RW06R CLIMB TO 3000 DIRECT MOMBE AND ON TRACK 099.37 TO NEILL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 279.00 INBOUND. FAS OBST: 999 AAO 412155N/0815550W. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.38 NM TO RW06R* *LNAV ONLY. WAAS CHANNEL # 81806 REFERENCE PATH ID: W06B CHART CIRCLING ICON. CHART MANDATORY 6000 AT GROHL. CHART MANDATORY 5000 AT HICKR. CHART MINIMUM 6000 AT RUHSH. LTP HAE: 199.7 M					
GROHL (IAF)		SHEEP (TF) (FB) (RNP 1.00)		359.00 / 6.74				3900							
SHEEP		DOORZ (TF) (FB) (RNP 1.00)		037.84 / 2.96				2900							
HICKR (IAF)		DAUGS (TF) (FB) (RNP 1.00)		140.32 / 4.97				4000							
DAUGS		DOORZ (TF) (FB) (RNP 1.00)		079.96 / 3.41				2900							
RUHSH (IAF)		RMONZ (TF) (FB) (RNP 1.00)		057.76 / 6.18				4000							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT DOORZ 3. FAC: 057.90 FAF: DILYN DIST FAF TO MAP: 3.57 THLD: 3.57 4. MIN. ALT: DOORZ 2900, POAST 2500, DILYN 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: DILYN 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.10 TCH: 58.4 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW06R 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
LPV DA	977	1800	200	977	1800	200	977	1800	200	977	1800	200			
LNAV/VNAV DA	1227	4500	450	1227	4500	450	1227	4500	450	1227	4500	450			
LNAV MDA	1260	2400	483	1260	2400	483	1260	5000	483	1260	5000	483			
CIRCLING	1420	1	621	1420	1	621	1420	1 3/4	621	1420	2	621			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 46C (114F). CHART NOTE: CIRCLING RWY 10 NA AT NIGHT. CHART SPEED ICON IN PLANVIEW AT GROHL : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT HICKR : MAX 210 KIAS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 799 TDZE: 777		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 6R					
CLEVELAND, OH		AIRPORT NAME:		CLEVELAND-HOPKINS INTL		RNAV (GPS) Y RWY 6R, AMDT 3				AMDT: 2E					
						24 MAY 2018				DATED		12/07/2017			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RMONZ	DOORZ (TF) (FB) (RNP 1.00)	057.83 / 3.50	2900
DOORZ (IF)	POAST (TF) (FB) (RNP 1.00)	057.87 / 1.42	2500
POAST	DILYN (TF) (FB) (RNP 1.00)	057.88 / 1.58	2000
DILYN (FAF)	RW06R (MAP) (TF) (FO) (RNP 0.30)	057.90 / 3.57	
RW06R (MAP)	977 MSL (CA)	057.90	
977 MSL	MOMBE (DF) (FB) (RNP 1.00)		
MOMBE	NEIIL (TF) (FO) (RNP 1.00)	099.37 / 6.65	3000

NOTES, (CONT.):

CHART SPEED ICON IN PLANVIEW AT RUHSH : MAX 210 KIAS.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM.

PBN REQUIREMENTS NOTE: RNP APCH.

QUALITY
16
CHECKED

CITY AND STATE

CLEVELAND, OH

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FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 6R, AMDT 3

24 MAY 2018

SUP: RNAV (GPS) RWY
6R

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QUALITY
4
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CITY AND STATE

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RNAV (GPS) Y RWY 6R, AMDT 3
24 MAY 2018

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AMDT:	2E
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**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	KCLE
RUNWAY	RW06R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06B
LTP/FTP LATITUDE	412404.1000N
LTP/FTP LONGITUDE	0815152.0340W
LTP/FTP ELLIPSOIDAL HEIGHT	+01997
FPAP LATITUDE	412501.4640N
FPAP LONGITUDE	0815021.3945W
THRESHOLD CROSSING HEIGHT (TCH)	00058.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0304
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

4E07214C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02339
FPAP ORTHOMETRIC HEIGHT	+02339

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RNAV (GPS) Y RWY 6R, AMDT 3

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