

U.S. 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	T O	COURSE AND DISTANCE	ALTITUDE	LPV: DA	LNAV/VNAV: DA							
CID VOR/DME (40V)	PAYLO (TF) (FB) (40E) (43C)	329.14/9.21	3000	LNAV: RW13	CLIMB TO 3000 DIRECT MORSE AND HOLD.							
BEIGE (40E)	JOVOS (TF) (FB) (40E) (43A)	054.91/11.65	3000									
JOVOS (IAF) (40E) (43A)	PAYLO (NoPT) (TF) (FB) (40E) (41E) (43B)	043.78/5.00	3000	ADDITIONAL FLIGHT DATA: HOLD SE, LT, 314.06 INBOUND FAS OBST: 874 ROAD 415331N/0914254W 959 TREE 415536N/0914508W CHART 1009 TREE 415702N/0914625W DISTANCE TO THLD FROM 251 HAT: 0.66 NM CHART VDP AT 0.98 MILES TO RW13* *LNAV ONLY ROUTE TYPE DESCRIPTION: A, R APPROACH ROUTE QUALIFIER 1: W, J APPROACH ROUTE QUALIFIER 2: S WAAS CHANNEL # 86201 REFERENCE PATH ID: W13A								
VINTY (IAF) (40E) (43A)	PAYLO (NoPT) (TF) (FB) (40E) (41E) (43B)	138.59/9.22	3000									
PAYLO (IF/IAF) (40E) (43I)	COLNZ (TF) (FB) (40E) (43F)	133.83/6.01	2500									
RW13 (MAP) (40G) (41Y) (43M)	1120 MSL (CA) (42M)	133.89	3000									
1120 MSL	MORSE (DF) (FO) (40E) (41E) (43H)											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												
2. HOLD NW PAYLO, LT, 133.83 INBOUND, 3000 FT. IN LIEU OF PT (IAF) (40E) (41E) (43C)												
3. FAC: 133.89 FAF: COLNZ DIST FAF TO MAP: 4.92 THLD: 4.92												
4. MIN. ALT: PAYLO 3000, COLNZ 2500												
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____												
6. MIN GS INCPT: 2500 GS ALT AT: _____ OM: _____ MM: _____ IM: _____												
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR												
8. MSA FROM: RW13 4000				MAG VAR: 2E EPOCH YEAR: 85								
MINIMUMS												
TAKEOFF:	STANDARD	X	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
LPV DA	1120	1	251	1120	1	251	1120	1	251	1120	1	251
LNAV/VNAV DA	1200	1 1/4	331	1200	1 1/4	331	1200	1 1/4	331	1200	1 1/4	331
LNAV MDA	1220	1	351	1220	1	351	1220	1	351	1220	1 1/4	351
CIRCLING	1280	1 1/4	411	1320	1 1/4	451	1320	1 1/2	451	1420	2	551
NOTES: CHART NOTES: BARO-VNAV NA BELOW -16C (4F). DME/DME RNP-0.3 NA. STRAIGHT IN MINIMUMS NA AT NIGHT WHEN CONTROL TOWER CLOSED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CID VOR/DME VIA V503 SOUTHEAST BOUND.												
CITY AND STATE		ELEVATION: 869 TDZE: 869		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: MAY 12 2005 RNAV (GPS) RWY 13, AMDT 1			SUP: AMDT: ORIG: DATE 07/10/2003			
CEDAR RAPIDS, IA		THE EASTERN IOWA										

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCID
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	415328.0235N
LTP/FTP LONGITUDE	0914254.4830W
LTP/FTP ELLIPSOIDAL HEIGHT	+02327
FPAP LATITUDE	415223.9600N
FPAP LONGITUDE	0914131.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD HORIZONTAL ALERT LIMIT (HAL)	106.75
LENGTH OFFSET	0864
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9138DAA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02650
FPAP ORTHOMETRIC HEIGHT	+02650

CITY AND STATE	ELEVATION: 869 TDZE: 869	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CEDAR RAPIDS, IA	AIRPORT NAME: THE EASTERN IOWA	RNAV	MAY 12 2005 RNAV (GPS) RWY 13, AMDT 1	AMDT: ORIG
				DATED: 07/10/2003