

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	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 4000 DIRECT CAKFI WP AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 141.73 INBOUND FAS OBST: 1570 ANT 412600N/0972035W DIST TO THLD FROM 268 HAT: 0.72 NM *CHART VDP AT 1.06 MILES TO RW32*LNAV ONLY CHART ARPT ELEV 1447 CHART TDZE ELEV 1442 ROUTE TYPE DESCRIPTION: R, A. APPROACH ROUTE QUALIFIER 1: W, J APPROACH ROUTE QUALIFIER 2: S WAAS CHANNEL# 81810 REFERENCE PATH ID: W32A MAG VAR: 8E EPOCH YEAR: 80											
OLU VOR/DME (40V)	ZINOS (TF) (FB) (40E) (41E) (43B)	142.48/11.38	4000												
DWELL (IAF) (40E)	ZINOS (NOPT) (TF)(FB) (40E) (41E) (43B)	304.03/17.50	4000												
ZINOS (IF/IAF) (40E) (43A)	FAVDO (TF) (FB) (40E) (43F)	321.90/6.01	3100												
RW32 (MAP) (40G) (41Y) (43M)	1710 MSL (CA) (42M)	321.86													
1710 MSL	CAKFI (DF) (FO) (40E) (41E) (43H)		4000												
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD SE, ZINOS, RT, 321.90 INBOUND, 4000FT IN LIEU OF PT (IAF) (40E) (41E) (43C) 3. FAC: 321.86 FAF: FAVDO DIST FAF TO MAP: 5.00 THLD: 5.00 4. MIN. ALT: ZINOS 4000, FAVDO 3100 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 3100 GS ALT AT: OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 44.0 34:1 IS CLEAR 8. MSA FROM: RW32 4800															
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	DH/ MDA	VIS	HAT/HAA
LPV DA	1710	1	268	1710	1	268	1710	1	268	1710	1	268			
LNAV/VNAV DA	1840	1 1/2	398	1840	1 1/2	398	1840	1 1/2	398	1840	1 1/2	398			
LNAV MDA	1820	1	378	1820	1	378	1820	1	378	1820	1 1/4	378			
CIRCLING	1940	1 1/2	493	1940	1 1/2	493	1940	1 1/2	493	2040	2	593			
NOTES: CHART NOTES:DME/DME RNP-0.3 NA BARO-VNAV NA BELOW -15C (5F) CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DWELL VIA V6-8 EASTBOUND.															
CITY AND STATE		ELEVATION: 1447 TDZE: 1442		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: FEB 16 2006				SUP:					
COLUMBUS, NE		AIRPORT NAME: COLUMBUS MUNI				RNAV (GPS) RWY 32, ORIG-A				AMDT: ORIG					
										DATE 09/01/2005					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOLU
RUNWAY NUMBER	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	412636.6900N
LTP/FTP LONGITUDE	0972020.9900W
LTP/FTP ELLIPSOIDAL HEIGHT	+04141
FPAP LATITUDE	412753.7500N
FPAP LONGITUDE	0972120.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0968
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EB5E3816

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04394
FPAP ORTHOMETRIC HEIGHT	+04394

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