

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: RW18 CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 DIRECT TNU VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 226.61 INBOUND. CHART FAS OBST: 1028 TREE 414226N/0933314W CHART: 1034 TREE 414436N/0933311W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.68 NM TO RW18* *LNAV ONLY. WAAS CHANNEL # 82720 REFERENCE PATH ID: W18A CHART CIRCLING ICON. LTP HAE: 244.1 M						
TNU VOR/DME	BALVE (TF) (FO) (RNP 2.00)			290.00 / 22.22			4000								
ZEMET	JOGPI (TF) (FB) (RNP 2.00)			064.31 / 11.77			4000								
JOGPI (IAF)	BALVE (NOPT) (TF) (FB) (RNP 1.00)			131.74 / 6.98			4000								
NEVAD (IAF)	BALVE (NOPT) (TF) (FB) (RNP 1.00)			189.71 / 5.44			4000								
BALVE (IF/IAF)	COSED (TF) (FB) (RNP 1.00)			177.00 / 6.08			3400		(SEE FORM 8260-10)						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N BALVE, RT, 177.00 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 177.04 FAF: COSED DIST FAF TO MAP: 7.71 THLD: 7.71 4. MIN. ALT: BALVE 4000, COSED 3400, ZUKUK/2.50 NM TO RW18 1740* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3400 GS ALT AT: COSED 3400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW18 4000										MAG VAR: 3E		EPOCH YEAR: 2000			
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	1153	7/8	250	1153	7/8	250	1153	7/8	250	1153	7/8	250			
LNAV/VNAV DA	1354	1 1/2	451	1354	1 1/2	451	1354	1 1/2	451	1354	1 1/2	451			
LNAV MDA	1480	1	577	1480	1	577	1480	1 5/8	577	1480	1 5/8	577			
CIRCLING	1560	1	650	1560	1	650	1560	1 3/4	650	1760	2 3/4	850			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C @ CAT D 900-2 3/4 (130F). CHART NOTE: CIRCLING RWY 22 NA AT NIGHT. CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)															
CITY AND STATE			ELEVATION: 910 TDZE: 903			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 2, 01/05/2017			SUP:			
ANKENY, IA			AIRPORT NAME: ANKENY RGNL									AMDT: 1B			
												DATED 06/25/2015			

QUALITY
 10
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COSED (FAF)	ZUKUK/2.50 NM TO RW18 (TF) (FB) (RNP 0.30)	177.04 / 5.21	
ZUKUK/2.50 NM TO RW18	RW18 (MAP) (TF) (FO) (RNP 0.30)	177.04 / 2.50	
RW18 (MAP)	1600 MSL	177.04	1600
1600 MSL	TNU VOR/DME (DF) (FO) (RNP 1.00)		4000

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON TNU VOR/DME AIRWAY RADIALS 031 CW 081.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZEMET ON V505 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NEVAD ON V13-161 NORTHBOUND.

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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	KIKV
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	414151.5455N
LTP/FTP LONGITUDE	0933356.9625W
LTP/FTP ELLIPSOIDAL HEIGHT	+02441
FPAP LATITUDE	414022.4040N
FPAP LONGITUDE	0933357.0380W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

AC78ECB1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02754
FPAP ORTHOMETRIC HEIGHT	+02754

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