

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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.											
<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>															
<b>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW36  CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CINOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 258.65 INBOUND. CHART FAS OBST: 1079 TREE 413936N/0933442W CHART 1446 TOWER 413805N/0933445W. DISTANCE TO THLD FROM 250 HATH: 0.62 NM. CHART VDP AT 1.32 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 70512 REFERENCE PATH ID: W36A LTP HAE: 239.3 M											
MIXIN	WADNO (FB)	195.41 / 9.00	4000												
WADNO (IAF)	ZAGTU (FB)	277.11 / 6.00	3000												
ZAGTU (IF)	RROBN (FB)	357.02 / 6.58	2500												
RROBN (FAF)	PARRI/2.60 NM TO RW36 (FB)	357.02 / 2.30													
PARRI/2.60 NM TO RW36	RW36 (MAP) (FO)	357.02 / 2.60													
RW36 (MAP)	1500 MSL	357.02	1500												
1500 MSL	CINOR (FO)		4000												
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)				MAG VAR: 3E                      EPOCH YEAR: 2000											
2. PROFILE STARTS AT ZAGTU															
3. FAC: <u>357.02</u> FAF: RROBN                      DIST FAF TO MAP: <u>4.90</u> THLD: <u>4.90</u>															
4. MIN. ALT: ZAGTU 3000, RROBN 2500, PARRI/2.60 NM TO RW36 1760*															
5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>															
6. MIN GS INCPT: <u>2500</u> GS ALT AT: RROBN 2500                      OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>															
7. GS ANGLE: <u>3.00</u> TCH: 51.7 34:1 IS NOT CLEAR															
8. MSA FROM: RW36 4000															
<b>MINIMUMS</b>															
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	1138	3/4	250	1138	3/4	250	1138	3/4	250		NA				
LNAV/VNAV DA	1398	1 3/4	510	1398	1 3/4	510	1398	1 3/4	510		NA				
LNAV MDA	1360	1	472	1360	1	472	1360	1 3/8	472		NA				
CIRCLING	1560	1	650	1560	1	650	1560	1 3/4	650		NA				
NOTES: CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 910      THRE: 888		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ANKENY, IA				AIRPORT NAME:		ANKENY RGNL		RNAV (GPS) RWY 36, AMDT 1 2 MAY 2013				AMDT: ORIG			
												DATED 07/02/2009			

QUALITY  
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DES MOINES ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET. INCREASE LPV ALL CATS AND LNAV CAT C VISIBILITY 1/8 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: BARO-VNAV AND VDP NA WITH DES MOINES ALTIMETER SETTING.

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CITY AND STATE

ANKENY, IA

ELEVATION: 910

THRE: 888

AIRPORT NAME:

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FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

2 MAY 2013

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## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIKV
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	414057.2100N
LTP/FTP LONGITUDE	0933356.9765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02393
FPAP LATITUDE	414226.3520N
FPAP LONGITUDE	0933356.9330W
THRESHOLD CROSSING HEIGHT (TCH)	00051.7
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

CB36738B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02706
FPAP ORTHOMETRIC HEIGHT	+02706

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CITY AND STATE ANKENY, IA	ELEVATION: 910      THRE: 888	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 2 MAY 2013	SUP:
	AIRPORT NAME: ANKENY RGNL			AMDT:      ORIG
				DATED:      07/02/2009

## RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIKVK3FR36	AMIXIN	010MIXINK3EA0E	IF						18000			A	JS
SUSAP KIKVK3FR36	AMIXIN	020WADNOK3EA0E	A 020TF			19540090		+ 04000				A	JS
SUSAP KIKVK3FR36	AMIXIN	030ZAGTUK3EA0EE	B 010TF			27710060		+ 03000				A	JS
SUSAP KIKVK3FR36	R	010ZAGTUK3EA0E	I IF					+ 03000	18000			A	JS
SUSAP KIKVK3FR36	R	020RROBNK3EA1E	F 051TF			35700066		+ 02500			RW36	K3PGA	JS
SUSAP KIKVK3FR36	R	020RROBNK3EA2WALPV		ALNAV/VNAV	ALNAV								JS
SUSAP KIKVK3FR36	R	021PARRIK3EA0E	S 031TF			35700023		V 0176001768		-300		A	JS
SUSAP KIKVK3FR36	R	030RW36	K3PGOGY M 031TF			35700026		00939		-300		A	JS
SUSAP KIKVK3FR36	R	040	0 M CA			3570		+ 01500				A	JS
SUSAP KIKVK3FR36	R	050CINORK3EA0EY	R DF					+ 04000				A	JS
SUSAP KIKVK3FR36	R	060CINORK3EA0EE	R HM			25870040		+ 04000				A	JS

[illegible][illegible]

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3

CITY AND STATE  
ANKENY, IA

ELEVATION: 910                      THRE: 888  
AIRPORT NAME:                      ANKENY RGNL

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 36, AMDT 1**  
 2 MAY 2013

SUP:	
AMDT:	ORIG
DATED:	07/02/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KIKVK3SRW36 K3PG

0 18018004025

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CITY AND STATE <b>ANKENY, IA</b>	ELEVATION: <b>910</b> THRE: <b>888</b> AIRPORT NAME: <b>ANKENY RGNL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 36, AMDT 1</b> <b>2 MAY 2013</b>	SUP:
				AMDT: <b>ORIG</b>
				DATED: <b>07/02/2009</b>

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MIXIN	MIXIN	010		IF		FB					
	MIXIN	WADNO	020	IAF	TF		FB	2.0	195.4 (198.4T)	009.0	AA 04000	
	MIXIN	ZAGTU	030		TF		FB	1.0	277.1 (280.1T)	006.0	AA 03000	
		ZAGTU	010	FACF	IF		FB				AA 03000	
		RROBN	020	FAF	TF		FB	0.5	357.0 (360.0T)	006.6	AA 02500	
		PARRI	021	SDF	TF		FB	0.3	357.0 (360.0T)	002.3	AA 01760	GS 01768
		RW36	030	MAP	TF		FO	0.3	357.0 (360.0T)	002.6	AT 00939	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.0 (360.0T)		AA 01500	
	CINOR	050		DF	R	FO				AA 04000	
	CINOR	060		HM	R	FO		258.7 (261.7T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CINOR	N414531.30	W0932010.31	N4145.522	W09320.172
	MIXIN	N413657.36	W0932218.86	N4136.956	W09322.314
	PARRI	N413821.11	W0933357.05	N4138.352	W09333.951
	RROBN	N413603.04	W0933357.12	N4136.051	W09333.952
	WADNO	N412824.87	W0932605.67	N4128.415	W09326.095
	ZAGTU	N412927.82	W0933357.31	N4129.464	W09333.955
	RW36	N414057.21	W0933356.98	N4140.954	W09333.950

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00888	52

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CITY AND STATE <b>ANKENY, IA</b>	ELEVATION: <b>910</b> THRE: <b>888</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>ANKENY RGNL</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 36, AMDT 1</b> 2 MAY 2013	AMDT: <b>ORIG</b>
				DATED: <b>07/02/2009</b>