

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<b>RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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>TERMINAL ROUTES</b>				<b>MISSED APPROACH</b>											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW03  CLIMB TO 9000 DIRECT MANNZ AND VIA TRACK 338.18 TO PRFUM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.  ADDITIONAL FLIGHT DATA: HOLD NW, LT, 150.00 INBOUND. CHART FAS OBST: 3509 TREE 351428N/1135715W CHART FAS OBST: 3589 TREE 351328N/1135744W 4039 AAO 351041N/1140043W 3919 AAO 351146N/1135933W. CHART: 3669 TREE 351241N/1135819W WAAS CHANNEL # 86312 REFERENCE PATH ID: W03A DISTANCE TO THLD FROM 301 HAT: 0.81 NM.											
PRFUM	APATE (FB)	208.94 / 18.00	9200												
APATE	TOPRY (FB)	208.81 / 5.05	7600												
UNPAS	TOPRY (FB)	092.01 / 19.78	7600												
TOPRY (IAF)	IRDUQ (FB)	122.83 / 9.00	6300												
PATOK (IAF)	IRDUQ (FB)	024.03 / 5.87	6300												
IRDUQ (IF)	ROUTI (FB)	032.91 / 6.30	5300												
1. PT <u>NA</u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT IRDUQ 3. FAC: <u>032.96</u> FAF: <u>ROUTI</u> DIST FAF TO MAP: <u>5.70</u> THLD: <u>5.70</u> 4. MIN. ALT: <u>IRDUQ 6300, ROUTI 5300, NAVSE/2.30 NM TO RW03 4180*</u> 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>5300</u> GS ALT AT: <u>ROUTI</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW03 9700</u>				MAG VAR: 12E EPOCH YEAR: 2010											
<b>MINIMUMS</b>															
TAKEOFF: <span style="border: 1px solid black; padding: 0 5px;"> </span> STANDARD <input checked="" type="checkbox"/> SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A <span style="border: 1px solid black; padding: 0 5px;"> </span> 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	3713	1	301	3713	1	301	3713	1	301	3713	1	301			
LNAV/VNAV DA	3952	2	540	3952	2	540	3952	2	540	3952	2	540			
LNAV MDA	3840	1	428	3840	1	428	3840	1 1/4	428	3840	1 1/2	428			
CIRCLING	3980	1	531	4020	1	571	4020	1 1/2	571	4140	2 1/4	691			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 42C @ CAT D 800-2 1/4 (107F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE		ELEVATION: 3449 TDZE: 3412		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
KINGMAN, AZ		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 3, ORIG				AMDT: NONE					
		KINGMAN				02 JUL 2009				DATED					

## US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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## NOTES CONT.

\*LNAV ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PATOK ON V208 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT UNPAS ON V237 NORTHBOUND.



CITY AND STATE

KINGMAN, AZ

ELEVATION: 3449 TDZE: 3412

AIRPORT NAME:

KINGMAN

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

02 JUL 2009

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIGM
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	351505.3465N
LTP/FTP LONGITUDE	1135653.1715W
LTP/FTP ELLIPSOIDAL HEIGHT	+10117
FPAP LATITUDE	351608.4300N
FPAP LONGITUDE	1135536.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	F6264593

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+10398
FPAP ORTHOMETRIC HEIGHT	+10398

QUALITY  
5  
CHECKED

CITY AND STATE KINGMAN, AZ	ELEVATION: 3449 TDZE: 3412 AIRPORT NAME: KINGMAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 02 JUL 2009	SUP:
				AMDT: NONE
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KIGMK2FR03	APATOK	010PATOKK2EA0E	A	IF					18000		A	JS
SUSAP	KIGMK2FR03	APATOK	020IRDUQK2EA0EE		010TF		02400059	+	06300			A	JS
SUSAP	KIGMK2FR03	APRFUM	010PRFUMK2EA0E		IF					18000		A	JS
SUSAP	KIGMK2FR03	APRFUM	011APATEK2EA0E		020TF		20890180	+	09200			A	JS
SUSAP	KIGMK2FR03	APRFUM	020TOPRYK2EA0E	A	020TF		20880051	+	07600			A	JS
SUSAP	KIGMK2FR03	APRFUM	030IRDUQK2EA0EE		010TF		12280090	+	06300			A	JS
SUSAP	KIGMK2FR03	AUNPAS	010UNPASK2EA0E		IF					18000		A	JS
SUSAP	KIGMK2FR03	AUNPAS	020TOPRYK2EA0E	A	020TF		09200198	+	07600			A	JS
SUSAP	KIGMK2FR03	AUNPAS	030IRDUQK2EA0EE		010TF		12280090	+	06300			A	JS
SUSAP	KIGMK2FR03	R	010IRDUQK2EA0E	I	IF					18000		A	JS
SUSAP	KIGMK2FR03	R	020ROUTIK2EA1E	F	051TF		03290063	+	05300		RW03	K2PGA	JS
SUSAP	KIGMK2FR03	R	020ROUTIK2EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KIGMK2FR03	R	021NAVSEK2EA0E	S	031TF		03300034	V	0418004194		-300	A	JS
SUSAP	KIGMK2FR03	R	030RW03 K2PG0GY	M	031TF		03240023		03456		-300	A	JS
SUSAP	KIGMK2FR03	R	040MANNZK2EA0E	M	010DF							A	JS
SUSAP	KIGMK2FR03	R	050PRFUMK2EA0EY		010TF		3382	+	09000			A	JS
SUSAP	KIGMK2FR03	R	060PRFUMK2EA0EE	HL020HM			15000070	+	09000			A	JS

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SUSAP KIGMK2GRW03 0068270330 N35150535W113565317-0200 +1011703411000045150R

SUSAP	KIGMK2PR03	RW03	001	0000W03A0N3515053465W11356531715+101170300N3516084300W11355362100106750672000450F400500F6264593
SUSAP	KIGMK2PR03	RW03	002E	+10398+10398LPV 86312

SUSAP KIGMK2SRW03 K2PG 0 18018009725

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PATOK	PATOK	010	IAF	IF		FB				
	PATOK	IRDUQ	020		TF		FB	1.0	024.0 (036T)	005.9	06300
	PRFUM	PRFUM	010		IF		FB				
	PRFUM	APATE	020		TF		FB	2.0	208.9 (221T)	018.0	09200
	PRFUM	TOPRY	030	IAF	TF		FB	2.0	208.8 (221T)	005.1	07600
	PRFUM	IRDUQ	040		TF		FB	1.0	122.8 (135T)	009.0	06300
	UNPAS	UNPAS	010		IF		FB				
	UNPAS	TOPRY	020	IAF	TF		FB	2.0	092.0 (104T)	019.8	07600
	UNPAS	IRDUQ	030		TF		FB	1.0	122.8 (135T)	009.0	06300
		IRDUQ	010	FACF	IF		FB				06300
		ROUTI	020	FAF	TF		FB	0.5	032.9 (045T)	006.3	05300
		NAVSE	021	SDF	TF		FB	0.3	033.0 (045T)	003.4	0418004194
		RW03	030	MAP	TF		FO	0.3	032.4 (044T)	002.3	03456

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MANNZ	040		DF		FB	1.0			
	PRFUM	050		TF		FO	1.0	338.2 (350T)		09000
	PRFUM	060		HM	L	FO	2.0	150.0 (162T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APATE	N351646.50	W1141059.23	N3516.775	W11410.987
	IRDUQ	N350635.07	W1140713.83	N3506.585	W11407.231
	MANNZ	N351734.01	W1135351.74	N3517.567	W11353.862
	NAVSE	N351327.62	W1135852.30	N3513.460	W11358.872
	PATOK	N350150.01	W1141126.16	N3501.834	W11411.436
	PRFUM	N353024.46	W1135634.85	N3530.408	W11356.581
	ROUTI	N351103.13	W1140148.20	N3511.052	W11401.803
	TOPRY	N351256.85	W1141500.83	N3512.948	W11415.014
	UNPAS	N351746.84	W1143825.96	N3517.781	W11438.433
	RW03	N351505.35	W1135653.17	N3515.089	W11356.886

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	03411	45

CITY AND STATE  
**KINGMAN, AZ**

**ELEVATION: 3449 TDZE: 3412**  
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PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
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SUP:  
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