

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<b><u>AIRPORT</u></b> KIMBALL MUNI/ROBERT E ARRAJ FIELD	<b><u>AIRPORT ID</u></b> KIBM	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 28	<b><u>ORIGINAL/AMENDMENT</u></b> 1C	<b><u>CITY</u></b> KIMBALL	<b><u>STATE</u></b> NE
<b><u>AIRPORT ELEVATION</u></b> 4926	<b><u>TDZE</u></b> 4908	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 28	<b><u>ORIGINAL/AMENDMENT</u></b> 1B	<b><u>DATED</u></b> 09/15/2016	<b><u>MAG VAR</u></b> 10E
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 13 SEPTEMBER 2018	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2000

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
PIETY		INGIU		TF	FO	2.00	083.99	29.55	7600
MEILE		LAGOZ		TF	FB	2.00	170.59	26.59	7000
LAGOZ	IAF	INGIU	NOPT	TF	FB	1.00	185.00	7.00	6500
SNY VOR/DME	IAF	INGIU	NOPT	TF	FB	1.00	266.55	18.93	6500
INGIU	IF/IAF	GAMAC		TF	FB	1.00	274.97	7.70	6500
GAMAC	FAF	BICAR/2.90 NM TO RW28		TF	FB	0.30	274.86	2.00	
BICAR/2.90 NM TO RW28		RW28	MAP	TF	FO	0.30	274.83	2.90	
RW28	MAP	5158 MSL		CA			274.83		
5158 MSL		HIMAV		DF	FO	1.00			7000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW28

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 7000 DIRECT HIMAV AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD E INGIU, RT, 274.97 INBOUND, 6500 FT. IN LIEU OF PT (IAF), MAX 10000.
3. FAC: 274.86FAF: GAMACDIST FAF TO MAP: 4.90DIST FAF TO THLD: 4.90
4. MIN ALT: INGIU 6500, GAMAC 6500, BICAR/2.90 NM TO RW28 5860\*
5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.68GS ANT:
6. MIN GP INCPT: 6500GP ALT AT FAF : GAMAC 6500OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM: RW28 7000

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C OR ABOVE 54C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SNY VOR/DME ON V6 EAST BOUND.  
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT

ADDITIONAL FLIGHT DATA:

CHART VDP AT 0.82 NM TO RW28\*  
\*LNAV ONLY  
WAAS CHANNEL #42503  
REFERENCE PATH ID: W28A  
CHART FAS OBST: 4949 TREE 411121N/1033942W.  
HOLD W, RT, 094.60 INBOUND  
LTP HAE: 1474.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	5158	1	250	5158	1	250	5158	1	250	5158	1	250			
LNAV/VNAV DA	5158	1	250	5158	1	250	5158	1	250	5158	1	250			
LNAV MDA	5200	1	292	5200	1	292	5200	1	292	5200	1	292			
CIRCLING	5280	1	354	5460	1	534	5460	1 1/2	534	5480	2	554			



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KIMBALL MUNI/ROBERT E ARRAJ FIELD	KIBM	RNAV (GPS) RWY 28	1C	KIMBALL	NE

**CHANGES - REASONS**

DELETED CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 28 PROCEDURE NA AT NIGHT - NO 20:1 PENETRATOR.  
DELETED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA - NO 20:1 OR 34:1 PENETRATOR.  
DELETED CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 10 NA AT NIGHT- NO FLIGHT STANDARD LETTER OF APPROVAL TO USE VGSI IN LIEU OF OBSTRUCTION LIGHTING ON FILE, PLUS NO SURVEY FOR RWY 10.  
ADDED CHART NOTE: CIRCLING RWY 10 NA AT NIGHT - NO SURVEY FOR RWY 10.  
CHANGED 20:1 & 34:1 FROM IS NOT CLEAR TO IS CLEAR-NO PENETRATOR.  
ADDED PBN REQUIREMENT NOTE: RNP APCH - EQUIPMENT NAVSPEC REQUIREMENTS.  
DELETED CHART NOTE: DME/DME RNP-0.3 NA - REPLACED WITH PBN REQUIREMENT NOTE: RNP APCH.  
DELETED ALL BACK UP ALTIMETER NOTES - CONTINGENCY ALTIMETER INFORMATION LISTED ON THE BACK OF THE 8260-9. KIBM AND KSNY WEATHER SOURCE TRANSMITTED TO WMSCR.  
UPDATED BARO VNAV LOW TEMP FROM -24C (-11F) TO -24C - FAHRENHEIT NO LONGER REQUIRED.  
UPDATED BARO VNAV HIGH TEMP FROM 13C (55) TO 54C - AJV CERTIFIED LOW/HIGH TEMPERATURE LIMIT CALCULATOR AND FAHRENHEIT NO LONGER REQUIRED.  
ADDED CHART VDP AT 0.82 NM TO RW28\* \*LNAV ONLY - NO 20:1 PENETRATORS.



**COORDINATED WITH:**

**A4A** ☐    **ALPA** ☒    **AOPA** ☒    **APA** ☐    **HAI** ☐    **NBAA** ☒    **OTHER:** AMGR, ZDV

**FLIGHT CHECKED BY**

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

**DEVELOPED BY**

DEANNA M. FIELDS

*Digitally signed by*  
**DEANNA M FIELDS**  
Jun 15, 2018

*Digitally signed by* **OFFICE**

**DATE**

**DATE**  
05/04/2018

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*  
**DEZ SILAGYI**  
Jun 19, 2018

**OFFICE**

AJV-5420

**DATE**

**TITLE**  
MANAGER



**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIBM
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	411109.1770N
LTP/FTP LONGITUDE	1033959.3860W
LTP/FTP ELLIPSOIDAL HEIGHT	+14747
FPAP LATITUDE	411131.9200N
FPAP LONGITUDE	1034153.5000W
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	0864
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1AADC2DC

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+14934
FPAP ORTHOMETRIC HEIGHT	+14934

