

**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
SNY VOR/DME	FEKAP (FO)	304.49 / 12.81	6500
APAYU (IAF)	FEKAP (NOPT) (FB)	067.23 / 9.89	6500
JENUK (IAF)	FEKAP (NOPT) (FB)	172.19 / 9.00	6500
FEKAP (IF/IAF)	SAKAY (FB)	123.81 / 6.91	6000
SAKAY (FAF)	RW13 (MAP) (FO)	123.88 / 5.09	
RW13 (MAP)	4563 MSL	123.88	
4563 MSL	GIGDE (FO)		6000

LPV: DA
LNAV: RW13

CLIMB TO 6000 DIRECT GIGDE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 304.05 INBOUND.
FAS OBST: 4539 AAO 410945N/1030223W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.39 NM TO RW13*
*LNAV ONLY.
WAAS CHANNEL # 82303
REFERENCE PATH ID: W13A
4569 AAO 411029N/1030327W
LTP HAE: 1295 M

MAG VAR: 11E EPOCH YEAR: 1980

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW FEKAP, RT, 123.81 INBOUND, 6500 FT. IN LIEU OF PT (IAF)
3. FAC: 123.88 FAF: SAKAY DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: FEKAP 6500, SAKAY 6000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 6000 GS ALT AT: SAKAY 6000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 44.0 34:1 IS CLEAR
8. MSA FROM: RW13 6300

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	4563	3/4	250	4563	3/4	250	4563	3/4	250	4563	3/4	250			
LNAV MDA	4800	1	487	4800	1	487	4800	1 1/4	487	4800	1 1/2	487			
CIRCLING	4800	1	487	4800	1	487	4800	1 1/2	487	4880	2	567			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: VDP NA WHEN USING KIMBALL ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KIMBALL ALTIMETER SETTING AND INCREASE ALL DA/MDA 160 FEET, AND INCREASE LPV ALL CATS VISIBILITY 3/4 MILE, LNAV CATS C AND D VISIBILITY
 (CONTINUED ON PAGE 2)

CITY AND STATE SIDNEY, NE	ELEVATION: 4313 TDZE: 4313 AIRPORT NAME: SIDNEY MUNI/LLOYD W CARR FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 2A 15 SEPTEMBER 2016	SUP: AMDT: 2 DATED 07/31/2008
-------------------------------------	--	-------------------------------------	---	---



US 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.

NOTES, (CONT.):
 1/2 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SNY VOR/DME VIA V138 EASTBOUND.

QUALITY
 24
 CHECKED

CITY AND STATE SIDNEY, NE	ELEVATION: 4313 AIRPORT NAME: SIDNEY MUNI/LLOYD W CARR FIELD	TDZE: 4313	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 2A 15 SEPTEMBER 2016	SUP:
					AMDT: 2
					DATED: 07/31/2008

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSNY
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	410627.7780N
LTP/FTP LONGITUDE	1025937.5400W
LTP/FTP ELLIPSOIDAL HEIGHT	+12950
FPAP LATITUDE	410524.8100N
FPAP LONGITUDE	1025814.1100W
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	0736
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 762599A7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+13147
FPAP ORTHOMETRIC HEIGHT	+13147

QUALITY
24
CHECKED

CITY AND STATE SIDNEY, NE	ELEVATION: 4313	TDZE: 4313	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 2A 15 SEPTEMBER 2016	SUP:	24	
	AIRPORT NAME: SIDNEY MUNI/LLOYD W CARR FIELD					AMDT:	2
						DATED:	07/31/2008

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

ARINC SUMMARY - KSNY

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
APAYU	010	APAYU	IF	FB										E A
APAYU	020	FEKAP	TF	FB	1.0	067.2						AA 06500		EE B
JENUK	010	JENUK	IF	FB										E A
JENUK	020	FEKAP	TF	FB	1.0	172.2						AA 06500		EE B
SNY	010	SNY	IF	FB										V
SNY	020	FEKAP	TF	FO	2.0	304.5						AA 06500		EY
SNY	030	FEKAP	HF	FO		123.8			R			AA 06500		EE A
	010	FEKAP	IF	FB								AA 06500		E I
	020	SAKAY	TF	FB	1.0	123.8				RW13		AA 06000		E F
	030	RW13	TF	FO	0.3	123.9		3.00				AT 04357		GY M
	040		CA	FB		123.9						AA 04563		M
	050	GIGDE	DF	FO								AA 06000		EY
	060	GIGDE	HM	FO		304.1			R			AA 06000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SNY	N410548.00	W1025858.80
APAYU	N411255.64	W1032343.26
JENUK	N412355.36	W1031013.43
FEKAP	N411456.01	W1031053.32
GIGDE	N405746.30	W1024808.65
SAKAY	N411003.34	W1030423.63

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW13	N410627.78	W1025937.54	04313	44.0

QUALITY
24
CHECKED

CITY AND STATE SIDNEY, NE	ELEVATION: 4313 TDZE: 4313	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 2A	SUP:
	AIRPORT NAME: SIDNEY MUNI/LLOYD W CARR FIELD		15 SEPTEMBER 2016	AMDT: 2
				DATED: 07/31/2008