

**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.

<u>AIRPORT</u> LINCOLN	<u>AIRPORT ID</u> KLNK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> LINCOLN	<u>STATE</u> NE	
<u>AIRPORT ELEVATION</u> 1219	<u>TDZE</u> 1196	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/10/2015	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
VACUS	IAF	HIVUV	NOPT	TF	FB	1.00	039.95	12.71	3300
PANNY	IAF	HIVUV	NOPT	TF	FB	1.00	267.69	12.21	3300
HIVUV	IF/IAF	SAICE		TF	FB	1.00	357.29	7.00	3000
SAICE	FAF	UKOGE/2.10 NM TO RW35		TF	FB	0.30	357.29	3.50	
UKOGE/2.10 NM TO RW35		RW35	MAP	TF	FO	0.30	357.29	2.10	
RW35	MAP	1446 MSL		CA			357.29		
1446 MSL		HIREK		DF	FO	1.00			3800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3800 DIRECT HIREK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S HIVUV, RT, 357.29 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 357.29 FAF: SAICE DIST FAF TO MAP: 5.60 DIST FAF TO THLD: 5.60

4. MIN ALT: HIVUV 3300, SAICE 3000, UKOGE/2.10 NM TO RW35 1880*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.64 GS ANT: MM: IM:

6. MIN GP INCPT: 3000 GP ALT AT FAF : SAICE 3000 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW35 4100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VACUS ON V532 SOUTH BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PANNY ON V71 SOUTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT C AND D VISIBILITY AND LNAV CAT C AND D VISIBILITY TO 1 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.18 NM TO RW35*
*LNAV ONLY
WAAS CHANNEL #45637
REFERENCE PATH ID: W35A
CHART FAS OBST: 1321 POLE 405030N/0964416W.
HOLD N, LT, 177.29 INBOUND
LTP HAE: 331.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	1446	3/4	250	1446	3/4	250	1446	3/4	250	1446	3/4	250			
LNAV/VNAV DA	1534	1	338	1534	1	338	1534	1	338	1534	1	338			
LNAV MDA	1580	3/4	384	1580	3/4	384	1580	1	384	1580	1	384			
CIRCLING	1680	1	461	1760	1	541	1820	1 3/4	601	1960	2 1/2	741			



CHANGES - REASONS

1. CHANGED RNAV CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C (-5°F) OR ABOVE 54°C (130°F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C. - FAHRENHEIT NO LONGER REQUIRED.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH". - IAW 8260.19H 6-6-8.B AND 8260.58A TABLE 1-2-1.
3. CHANGED CHART NOTE FROM: "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C AND LNAV CAT D VISIBILITY TO 1 1/4 MILE." TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT C AND D VISIBILITY AND LNAV CAT C AND D VISIBILITY TO 1 1/4 SM." - NEW VISIBILITY CHECK.
4. CHANGED CHART PLAINVIEW NOTE FROM: "PROCEDURE NA FOR ARRIVALS AT VACUS ON V532 SOUTH BOUND AND V61 WEST BOUND." TO "PROCEDURE NA FOR ARRIVALS AT VACUS ON V532 SOUTH BOUND." - RBA VORTAC BEING DECOMMISSIONED.
5. CHANGED CHART NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 8260.19H PARA 8-6-11K(3).
6. UPDATED PROFILE NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH{FEET}). - IAW 8260.19H CHAP 8, PARA 8-6-9M(1).
7. ADDED ALTERNATE MINIMUMS STANDARD-@ CAT D 800-2 1/2. BOTH ALTIMETER SOURCES ON WMSCR.
8. ADDED MAX HOLDING 6000 AT HIVUV - IAW 8260.19H 8-6-7. B (2) REQUIRED WHEN A HOLD-IN LIEU OF PROCEDURE TURN IS USED.
9. REMOVED BACKUP ALTIMETER SETTING NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, LNK APP CON, LNK ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE****DEVELOPED BY**

DONALD H. LANIER (MATTHEW FULKS)

Digitally signed by

DONALD H LANIER

Digitally signed by

DONALD H LANIER

Dec 13, 2019

OFFICE

AJV-A431

DATE

11/04/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Dec 13, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
24
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLNK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	405043.5285N
LTP/FTP LONGITUDE	0964503.0865W
LTP/FTP ELLIPSOIDAL HEIGHT	+03313
FPAP LATITUDE	405212.6800N
FPAP LONGITUDE	0964502.5000W
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	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0BD77E12

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03575
FPAP ORTHOMETRIC HEIGHT	+03575

