

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> VANDALIA MUNI	<u>AIRPORT ID</u> KVLA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> VANDALIA	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 537	<u>TDZE</u> 534	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 02/16/2006	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

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>
VLA VORTAC		SEYRO		TF	FO	1.00	181.56	17.73	2400
ENL VORTAC	IAF	SEYRO	NOPT	TF	FB	1.00	000.18	22.66	2400
SEYRO	IF/IAF	RACOV		TF	FB	1.00	000.69	6.00	2300
RACOV	FAF	RW36	MAP	TF	FO	0.30	000.69	5.34	
RW36	MAP	937 MSL		CA			000.69		
937 MSL		LITIC		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT LITIC AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S SEYRO, RT, 000.69 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 000.69FAF: RACOVDIST FAF TO MAP: 5.34DIST FAF TO THLD: 5.34

4. MIN ALT: SEYRO 2400, RACOV 2300

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

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

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:

8. MSA FROM: RW36 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VLA VORTAC AIRWAY RADIALS 158 CW 254, AND FOR ARRIVALS ON ENL VORTAC AIRWAY RADIALS 277 CW 081.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALEM ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET, INCREASE LNAV CATS C-D VISIBILITY 1/4 SM, AND INCREASE CIRCLING CAT C VISIBILITY 1/8 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 770 MSL AAO 385443N/0891036W
RACOV TO RWY36: 3.05/40
CHART VDP AT 1.38 NM TO RW36
HOLD N, RT, 180.69 INBOUND

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
LNAV MDA	1020	1	486	1020	1	486	1020	1 3/8	486	1020	1 3/8	486			
CIRCLING	1040	1	503	1040	1	503	1040	1 1/2	503	1140	2	603			



CHANGES - REASONS

1. CHANGED 34:1 CLEAR TO 34:1 NOT CLEAR- NEW TARGETS EVAL SHOWED PENETRATIONS- CLEARS T-NOTAM 8/3620.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H 8-6-8.B.
3. ADDED RNP APCH TO PBN REQUIREMENTS - IAW 8260.19H 8-6-8.B.
4. CHANGE CAT C AND CAT D LNAV VISIBILITY FROM 1 1/2SM TO 1 3/8SM. - MDA INCREASED, VISIBILITY FROM TABLE 3-3-1, 8260.3D.
5. ADDED MAX ALTITUDE 6000FT FOR HOLD IN LIEU OF PT. FAA 8260.19H.
6. CHANGED RNP VALUES IN INTERMEDIATE SECTION FROM 0.30 TO 1.00 IAW FAA 8260.58A TABLE 1-2-1
7. UPDATED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT VLA VORTAC VIA V67 NORTHBOUND, AND FOR ARRIVALS AT ENL VORTAC VIA AIRWAY RADIALS 006 CW 042. " TO "PROCEDURE NA FOR ARRIVALS ON VLA VORTAC AIRWAY RADIALS 158 CW 254, AND FOR ARRIVALS ON ENL VORTAC AIRWAY RADIALS 277 CW 081." IAW 8260.58A 1-2-5.A.(3). AND 8260.19H 8-2-5.E.&G.
8. INCREASED LNAV MDAS FROM 980 TO 1020- PREVIOUS CONTROLLER WAS 100' ASSUMED TREE INCORRECTLY PLACED OUTSIDE OF THE AAO EXEMPT AREA. PERFORMED MAP STUDY AND PLACED AAO.
9. UPDATED REMOTE ALTIMETER SETTING NOTE FROM "USE SALEM-LECKRONE ALTIMETER SETTING; IF NOT RECEIVED, USE CENTRALIA MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET" TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALEM ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET, INCREASE LNAV CATS C-D VISIBILITY 1/4 SM, AND INCREASE CIRCLING CAT C VISIBILITY 1/8 SM. - AIRPORT NOW HAS LOCAL ALTIMETER.
10. ADDED HELICOPTER VISIBILITY REDUCTION BELOW 3/4NM NOT AUTHORIZED NOTE. 34:1 PENETRATIONS IDENTIFIED.
11. ADDED STANDARD ALTERNATE MINIMUMS NA WHEN LOCAL ALTIMETER NOT RECEIVED NOTE. - LOCAL WEATHER NOW AVAILABLE AT KVLA.
12. TERMINAL ROUTE: VLA VORTAC TO SEYRO CHANGED FROM COURSE 181.52 AND DISTANCE 17.72 TO: COURSE 181.56 TO DISTANCE 17.73.- SURVEYED LOCATION OF VLA VORTAC CHANGED.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: AMGR, STATE AVIATION DIRECTOR

FLIGHT CHECKED BY

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

OFFICE

DATE

DEVELOPED BY

ROBERT G HAMILTON (EDUARDO LIMA)

Digitally signed by
CASIMIR L TABAKA

Mar 21, 2019

CASIMIR L TABAKA

Mar 21, 2019

OFFICE

AJV-A422

DATE

APPROVED BY

JULIE MORGAN

Digitally signed by
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Mar 21, 2019

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AJV-A420

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TITLE
MANAGER

