

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 ID</u> VLA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> VANDALIA	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 537	<u>TDZE</u> 534	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/30/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AQUAS	IAF	LITIC	NOPT	TF	FB	1.00	215.83	20.36	2400
CLEEK	IAF	LITIC	NOPT	TF	FB	1.00	146.47	21.79	2400
LITIC	IF/IAF	WIRPA		TF	FB	1.00	180.69	6.10	2300
WIRPA	FAF	RW18	MAP	TF	FO	0.30	180.69	5.35	
RW18	MAP	937 MSL		CA			180.69		
937 MSL		SEYRO		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT SEYRO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N LITIC, RT, 180.69 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 180.69 FAF: WIRPA DIST FAF TO MAP: 5.35 DIST FAF TO THLD: 5.35
- MIN ALT: LITIC 2400, WIRPA 2300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW18 2400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AQUAS ON V313 NORTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALEM ALTIMETER SETTING; INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 795 AAO 390356N/0891047W
WIRPA TO RWY18: 3.05/40
805 AAO 390519N/0891018W
HOLD S, RT, 000.69 INBOUND.
CHART VDP AT 1.59 NM TO RW18.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/4, 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	1060	1	526	1060	1	526	1060	1 1/2	526	1060	1 1/2	526			
CIRCLING	1060	1	523	1060	1	523	1060	1 1/2	523	1220	2 1/4	683			

CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/3497 FOR AMENDMENT ORIG-B.
2. REMOVED FEEDER SEGMENT FROM VLA VORTAC – VLA VORTAC DECOMMISSIONING.
3. PBN REQUIREMENT NOTES: UPDATED FROM “RNP APCH” TO “RNP APCH – GPS” – IAW 8260.19I 8-6-8.
4. NOTES: UPDATED NOTE FROM CHART NOTE: “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALEM ALTIMETER SETTING; INCREASE ALL MDAS 60 FEET AND VISIBILITY LNAV CATS C/D AND CIRCLING CAT D 1/4 SM” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALEM ALTIMETER SETTING; INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 SM” – IAW 8260.19I 8-6-11.
5. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM “FAS OBST 805 AAO 390519N/0891018W” TO “805 AAO 390519N/0891018W” – IAW 8260.19I 8-6-10.



TITLE
MANAGER