

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> 42A	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> MELBOURNE	<u>STATE</u> AR
<u>AIRPORT ELEVATION</u> 735	<u>TDZE</u> 728	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 05/16/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1E
				<u>EPOCH YEAR</u> 2005
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 121/30 CW 301/30	NOPT	HEVUX	IF/IAF	3000
2. 301/30 CW 121/30		HEVUX	IF/IAF	3100

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>
HEVUX	IF/IAF	WABRA		TF	FB	1.00	210.83	5.90	2400
WABRA	FAF	JUSIM/2.03 NM TO RW21		TF	FB	0.30	210.79	3.14	
JUSIM/2.03 NM TO RW21		RW21	MAP	TF	FO	0.30	210.79	2.03	
RW21	MAP	1017 MSL		CA			210.79		
1017 MSL		ZEDOG		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT ZEDOG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NE HEVUX, RT, 210.83 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	210.79	FAF:	WABRA	DIST FAF TO MAP:	5.17	DIST FAF TO THLD:	5.17							
4.	MIN ALT:	HEVUX 3000, WABRA 2400, JUSIM/2.03 NM TO RW21 1400													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		289 HAT:	0.83	GS ANT:				
6.	MIN GP INCPT:	2400	GP ALT AT PFAF:	WABRA 2400			OM:		MM:		IM:				
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	43.2							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD SW, RT, 030.71 INBOUND.
FAS OBST: 898 TREE 360530N/0914933W.
CHART VDP AT 1.28 NM TO RW21.
WAAS CHANNEL # 82131
REFERENCE PATH ID: W21A
LTP HAE: 188.2 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	1017	7/8	289	1017	7/8	289		NA			NA				
LNAV/VNAV DA	1160	1 1/4	432	1160	1 1/4	432		NA			NA				
LNAV MDA	1160	1	432	1160	1	432		NA			NA				
CIRCLING	1240	1	505	1240	1	505		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTE: HEVUX TO WABRA DISTANCE CHANGED FROM 5.89 TO 5.90 -- MOVED FAF TO ALIGN WITH 3.0 GP 42.3 TCH.
2. TERMINAL ROUTE: CHANGED FROM "JUSIM/2.10 NM TO RW21" TO "JUSIM/2.03 NM TO RW21" -- JUSIM MOVED 410 FT NE TO ALIGN WITH 3.0 GP 42.3 TCH.
3. TERMINAL ROUTE: "WABRA TO JUSIM/2.03 NM TO RW21" DISTANCE CHANGED FROM 3.08 TO 3.14 -- JUSIM MOVED 410 FT NE TO ALIGN WITH 3.0 GP 42.3 TCH.
4. TERMINAL ROUTE: "JUSIM/2.03 NM TO RW21" TO MAP DISTANCE CHANGED FROM 2.10 TO 2.03 -- TO ALIGN WITH 3.0 GP 42.3 TCH.
5. TERMINAL ROUTES: CHANGED MAP CA: FROM '1135 MSL' TO '1017 MSL' - LPV ADDED PER FPT.
6. PROFILE LINE 3: DIST FAF TO MAP/THLD CHANGED FROM 5.18 TO 5.17 -- MOVED PFAF LOCATION 61 FT NE
7. PROFILE LINE 4: MIN ALT: CHANGED "JUSIM/2.10 NM TO RW21 1400" TO "JUSIM/2.03 NM TO RW21 1400" -- JUSIM MOVED 410 FT NE TO ALIGN WITH 3.0 GP 42.3 TCH.
8. PROFILE LINE 5: ADDED '289 HAT: 0.83' - PER FPT ADDED LPV MIN AND NEW AIRPORT AWOS ADDED.
9. PROFILE LINE 6: ADDED - MIN GP INCPT: 2400, GS ALT AT PFAF: WABRA 2400 -- ADDED LPV, LNAV/VNAV MINS PER FPT REQUEST, AND IAW 8260.19J
10. PROFILE LINE 7: ADDED - GP ANGLE: 3.00, TCH: 43.2 -- ADDED LPV, LNAV/VNAV MINS PER FPT REQUEST, AND IAW 8260.19J
11. NOTES: CHANGED "CHART NOTE: VDP NA WHEN USING BATESVILLE RGNL ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING BVX ALTIMETER SETTING" AND MOVED IT TO GENERAL REMARKS AS A CONTINGENCY NOTE -- PER 8260.19J PARA. 8-6-10
12. NOTES: MOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BATESVILLE ALTIMETER SETTING" TO GENERAL REMARKS AS A CONTINGENCY NOTE -- PER 8260.19J PARA. 8-6-10
13. NOTES: ADDED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - IAW 8260.19, 8-6-10
14. NOTES: CHANGED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED"-- IAW 8260.19J PARA. 8-6-12
15. ADDITIONAL FLIGHT DATA: CHANGED "CHART VDP AT 1.34 NM TO RW21" TO "CHART VDP AT 1.28 NM TO RW21" -- PER 8260.19J PARA. 8-6-11
16. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 884 TREE 360530N/0914934W, 828 TREE (K42AT000918) 360610N/0914845W" TO "FAS OBST: 898 TREE 360530N/0914933W" -- NEW LNAV CONTROLLING OBSTACLE.
17. FAS DATA BLOCK INFORMATION: CHANGED CRC REMAINDER FROM "3318CF07" TO "91E3CBFB" - TCH UPDATED TO 43.2, FPAP CHANGED FROM "360316.4835N/0915033.4940W" TO "360316.4815N/0915033.4890W", AND LTP/FTP CHANGED FROM "360432.3565N/0914935.6585W" TO "360432.3565N/0914935.6590W".
18. FAS DATA BLOCK INFORMATION: VERTICAL ALERT LIMIT CHANGED FROM "0" TO "50" - ADDED LPV MINS
19. MINIMUMS: REMOVED LP MINIMUMS - NEW AWOS ADDED TO AIRPORT.
20. MINIMUMS: ADDED LPV, LNAV/VNAV MINIMA - NEW AWOS ADDED TO AIRPORT.
21. MINIMUMS: CHANGED LNAV MDA/HAT FROM 1240/512 TO 1160/432 - NEW AWOS ADDED TO AIRPORT.
22. MINIMUMS: CIRCLING MDA/HAT: CHANGED FROM 1320/585 TO 1240/505 - NEW AWOS ADDED TO AIRPORT

COORDINATED WITH:

A4A

ALPA

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AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZME, AMGR, AR AERO

FLIGHT CHECKED BY

RUSSELL ROSLEWSKI

Digitally signed by

ERIC N SUSKI

Apr 23, 2025

OFFICE

AJF

DATE

04/18/2025

DEVELOPED BY

LIAM DONAHUE (RONI SECAIDA)

Digitally signed by

ERIC N SUSKI

Apr 23, 2025

OFFICE

AJV-33

DATE

02/28/2025

APPROVED BY

JOHN BORDY

Digitally signed by

ERIC N SUSKI

Apr 23, 2025

OFFICE

AJV-33

DATE

05/08/2025

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	42A
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	360432.3565N
LTP/FTP LONGITUDE	0914935.6590W
LTP/FTP ELLIPSOIDAL HEIGHT	+01882
FPAP LATITUDE	360316.4815N
FPAP LONGITUDE	0915033.4890W
THRESHOLD CROSSING HEIGHT (TCH)	00043.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	91E3CBFB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02161
FPAP ORTHOMETRIC HEIGHT	+02161

