

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SUPERSEDED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>	<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

☒

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



AIRPORT ID
42A

PROCEDURE NAME
RNAV (GPS) RWY 21

ORIGINAL/AMENDMENT
3

CITY
MELBOURNE

STATE
AR

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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
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ADDITIONAL PATH POINT RECORD INFORMATION

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



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
42A	RNAV (GPS) RWY 21	3	MELBOURNE	AR	735	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
121/30 CW 301/30

TO
HEVUX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (29-001610)	364121.00N/0915332.00W	1567	50	20	2C	1000				XP433	3000
TERRAIN	364136.00N/0915527.00W	1240 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HILPT HEVUX 3000

STRAIGHT-IN AREA

FROM
301/30 CW 121/30

TO
HEVUX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (05-000607)	354706.00N/0915745.00W	1845	500	125	5E	1000					2900
TERRAIN	355109.00N/0920051.00W	1581 (1600)								AS1500	3100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

HEVUX (IF/IAF)

TO

WABRA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.90										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (05-002092)	361107.83N/0914559.46W	1067	50	20	2C	500					1600
TERRAIN	361345.00N/0914527.00W	902 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

WABRA

TO

RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.14		DA				289				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (05-092876)	360503.72N/0914918.69W	809	20	3	1A		34:1			MA39	1017

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

WABRA

TO

RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.14		DA	432	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	360915.00N/0914709.00W	865	215	8	4B		23.39:1				1160

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CONTROLLING OBS IN SLOPING SURFACE, MINS MATCH LNAV MINS PER 8260.58C 3-3-5

FINAL: LNAV

FROM

WABRA

TO

JUSIM/2.03 NM TO RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.14				

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	360915.00N/0914709.00W	1034	215	8	4B	250				RA100	1400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

JUSIM/2.03 NM TO RW21

TO

RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.03		RW21		432						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	360530.00N/0914933.00W	898	215	8	4B	250					1160

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

HEVUX

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
		P-5									
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (05-001900)	361534.13N/0914136.32W	1242	20	3	1A	1000				AT758	3000
TERRAIN	361351.00N/0914536.00W	935 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LPV

FROM

DA

TO

ZEDOG

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 804				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (05-092876)	360503.72N/0914918.69W	809	20	3	1A		ASC				3100
TREE	355718.00N/0915345.00W	1227	215	8	4B	1000					2300
TERRAIN	355718.00N/0915345.00W	1026 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

ZEDOG

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1018				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3100
TREE	355718.00N/0915345.00W	1227	215	8	4B	1000					2300
TERRAIN	355718.00N/0915345.00W	1026 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW21

TO

ZEDOG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30-1.00					1060

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3100
TREE	355718.00N/0915345.00W	1227	215	8	4B	1000					2300
TERRAIN	355718.00N/0915345.00W	1026 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TANK (05-070155)	360303.10N/0915040.85W	1.30	505	925	20	3	1A	300			1240
CATEGORY B											
TANK (05-070155)	360303.10N/0915040.85W	1.83	505	925	20	3	1A	300			1240

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, JBR FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	42A	24	42A	0.11	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	BVX	24	BVX	22.49	Y	90

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K42A 735, KBVX 465
RA = 89.6

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - REIL, MIRL (PCL), PAPI-2L		NPI-G	
RW21 - MIRL (PCL), REIL, PAPI-2L		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	708.9	43.2			3.00	43.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+54C	-16C	+13.55C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 716 HIGH TEMP 1134.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, NPA		
34:1			
779 TREE (05-057927) 360445.6200N/0914921.1000W (23.94)	765 TREE (05-057924) 360444.0400N/0914921.6100W (14.58)		
762 TREE (05-092512) 360444.5700N/0914921.5500W (10.17)	812 TREE (05-092550) 360505.0000N/0914920.2200W (6.81)		
809 TREE (05-092876) 360503.7200N/0914918.6900W (5.1)	761 TREE (05-093091) 360446.1300N/0914919.5900W (2.73)		
810 TREE (05-058326) 360505.4400N/0914918.2800W (1.23)	811 TREE (05-092811) 360506.7800N/0914919.3400W (0.19)		



<u>AIRPORT ID</u> 42A	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>AMDT NO.</u> 3	<u>CITY</u> MELBOURNE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 735	<u>FACILITY</u> RNAV
801 TREE (05-093283) 360503.1400N/0914919.9600W (0.18)			803 TREE (05-058322) 360503.4700N/0914918.9900W (0.12)			
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 100' PER FPT

CONTINGENCY NOTES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BVX ALTIMETER SETTING AND INCREASE LPV DA TO 1107 FEET; INCREASE LNAV/VNAV DA TO 1250 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 100 FEET

BARO-VNAV AND VDP NA WHEN USING BVX ALTIMETER SETTING.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.30
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	211.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	4.98
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	211.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN)	360432.36N/0914935.66W
ARP COORDINATES	360415.53N/0914948.49W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 21 DISTANCE 0.33 NM
FAF COORDINATES	360856.69N/0914613.90W
FIX NAME COORDINATES	IF/IAF HEVUX 361357.96N/0914223.40W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED



<u>AIRPORT ID</u> 42A	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>AMDT NO.</u> 3	<u>CITY</u> MELBOURNE	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 735	<u>FACILITY</u> RNAV
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PART E: PREPARED BY

<u>NAME</u> LIAM DONAHUE (RONI SECAIDA)	<u>OFFICE</u> AJV-33	<u>DATE</u> 02/28/2025	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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