

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> KONT	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 26R	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ONTARIO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 944	<u>TDZE</u> 932	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 26R	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/05/2019	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<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>
RAFII	IAF	JOKEL		TF	FB	0.50	151.36	3.64	7000
JOKEL		AYKAY		TF	FB	0.50	151.37	2.10	6300
RUMBL	IAF	ZENPO		TF	FB	0.50	199.36	4.34	9000
ZENPO		RUXNN		TF	FB	0.50	199.33	4.20	8000
RUXNN		GAREY		TF	FB	0.50	210.41	3.00	7200
AYKAY	IF	TAKOE		TF	FB	0.50	198.63	6.44	4300
GAREY	IF	ZIGGY		TF	FB	0.50	213.07	3.94	6000
ZIGGY		TAKOE		TF	FB	0.50	213.08	5.37	4300
PDZ VORTAC	IF	EMMER		TF	FB	1.00	048.99	5.52	5300
EMMER		SCRIM	PFAF	RF	FB	0.30	(3.00 NM RADIUS CCW (CFFRR))	7.90	2900
TAKOE	IF	SCRIM	PFAF	TF	FB	0.50	258.31	4.87	2900
SCRIM	PFAF	RW26R	MAP	TF	FO	0.30	258.05	5.99	
RW26R	MAP	EGYAZ		TF	FB	1.00	257.99	4.60	
EGYAZ		LAKVE		TF	FB	1.00	173.33	5.25	
LAKVE		MRIAM		TF	FB	1.00	122.12	4.25	
MRIAM		ADRYN		TF	FO	1.00	079.23	3.11	3400

QUALITY
18
CHECKED

MISSED APPROACH**MAP:**

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 ON TRACK 257.99 TO EGYAZ AND TRACK 173.33 TO LAKVE AND TRACK 122.12 TO MRIAM AND ON TRACK 079.23 TO ADRYN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT SCRIM					
3. FAC:	258.05	PFAF: SCRIM	DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT:	SCRIM 2900				
5. DIST TO THLD FROM OM:	5.99	MM:	IM:	150 HAT:	307 HAT: 0.78
6. MIN GP INCPT:	2900	GP ALT AT PFAF :	SCRIM 2900	OM:	GS ANT:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 59.7	MM:
8. MSA FROM:	RW26R 11300				

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1°C OR ABOVE 54°C.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GAREY ON V8-21 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 078.

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PLANVIEW NOTE AT RAFII: (RNP 0.50).

CHART PLANVIEW NOTE AT RUMBL: (RNP 0.50).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.12 VISIBILITY ALL CATS TO RVR 4500, RNP 0.21 VISIBILITY ALL CATS TO RVR 5500, RNP 0.30 VISIBILITY ALL CATS TO RVR 6000.

CHART SPEED ICON IN PLANVIEW AT RAFII: MAX 240 KIAS.

CHART SPEED ICON IN PLANVIEW AT RUMBL: MAX 240 KIAS.

CHART SPEED ICON IN PLANVIEW AT TAKOE: MAX 210 KIAS.

CHART PLANVIEW NOTE AT EMMER: DO NOT EXCEED 210 KIAS UNTIL SCRIM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 260.00 INBOUND.

CHART MANDATORY 8000 AT RAFII.

CHART MANDATORY 10000 AT RUMBL.

CHART MANDATORY 7000 AT PDZ VORTAC.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.12 DA	1239	4000	307	1239	4000	307	1239	4000	307	1239	4000	307			
RNP 0.21 DA	1297	4000	365	1297	4000	365	1297	4000	365	1297	4000	365			
RNP 0.30 DA	1321	4000	389	1321	4000	389	1321	4000	389	1321	4000	389			

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED SEGMENT PDZ VORTAC TO EMMER AND EMMER TO SCRIM.
2. PROFILE LINE 2: PROFILE STARTS AT CHANGED FROM TAKOE TO SCRIM - FIRST COMMON FIX WITH THE ADDITION OF NEW SEGMENTS PDZ VORTAC TO EMMER AND EMMER TO SCRIM.
3. PROFILE LINE 4: REMOVED IN ALT AT TAKOE - NO LONGER FIRST COMMON FIX.
4. PBN REQUIREMENTS NOTE: CHANGED RNP AR APCH TO RNP AR APCH - GPS - PER CURRENT CRITERIA.
5. PROFILE LINE 5: CHANGED 333 HAT: 0.86 TO 307 HAT: 078 - NEW RNP 0.12 MINIMUMS.
6. NOTES: ADDED CHART SPEED ICON IN PLANVIEW AT EMMER: MAX 210 KIAS - PER FPT/ATC REQUEST.
7. NOTES: CHANGED CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 VISIBILITY ALL CATS TO RVR 6000 TO CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.12 VISIBILITY ALL CATS TO RVR 4500, RNP 0.21 VISIBILITY ALL CATS TO RVR 5500, RNP 0.30 VISIBILITY ALL CATS TO RVR 6000 – PER 8260.3 PAR 3-3-2.
8. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 7000 AT PDZ VORTAC - PER FPT/ATC REQUEST.
9. MINIMUMS: ADDED RNP 0.21 - PER FPT/ACT REQUEST.
10. MINIMUMS: CHANGED RNP 0.12 DA/HAT FROM 1265/333 TO 1239/307 AND VIS CHANGED FROM RVR 2600 TO RVR 4000 - NEW CONTROLLING OBSTACLE.
11. MINIMUMS: RNP 0.30 DA/HAT CHANGED FROM 1340/408 TO 1321/389 - NEW CONTROLLING OBSTACLE.

01/04/2022: THIS IS A UPDATED COPY FOR THE PROCEDURE DEVELOPED ON 10/29/2021.

ADDED CHART NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 078.

CHANGED CHART NOTE FROM CHART SPEED ICON IN PLANVIEW AT EMMER: MAX 210 KIAS TO CHART PLANVIEW NOTE AT EMMER: DO NOT EXCEED 210 KIAS UNTIL SCRIM.

AIRPORT ID
KONT

PROCEDURE NAME
RNAV (RNP) Z RWY 26R

ORIGINAL/AMENDMENT
3

CITY
ONTARIO

STATE
CA

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: SOCAL APP, AMGR, ONT TOWER

FLIGHT CHECKED BY
DANIEL CHARLES FAVORITE

Digitally signed by
DONALD H LANIER
Jan 05, 2022

OFFICE
FIOG

DATE
12/02/2021

DEVELOPED BY
TARA MARTINELLI

Digitally signed by
TARA N MARTINELLI
Jan 05, 2022

OFFICE
AJV-A431

DATE
01/05/2022

APPROVED BY
LONNIE EVERHART

Digitally signed by
DONALD H LANIER
Jan 05, 2022

OFFICE
AJV-A430

DATE

TITLE
MANAGER

