

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 26R ILS RWY 26R (CAT II), ILS RWY 26R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> ONTARIO	<u>STATE</u> CA		
<u>AIRPORT ELEVATION</u> 944	<u>TDZE</u> 26R 932 26L 926	<u>SUPERSEDED</u> ILS OR LOC RWY 26R	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-ONT	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> 08/10/2023	<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>
PDZ VORTAC	IAF	HIGRO INT/11.10 DME					045.99	11.13	5000
HIGRO INT/11.10 DME		SB NDB INT/I-ONT 12.96 DME					317.77	3.28 (HDF R-318)	4300
SB NDB INT/I-ONT 12.96 DME	IAF	ZEBLU INT/I-ONT 10.61 DME					256.53	2.35	3400
TAKOE	IAF	ZEBLU INT/I-ONT 10.61 DME		TF	FB	1.00	258.52	2.43	3400
ZEBLU INT/I-ONT 10.61 DME	IF	EDDSO INT/I-ONT 8.47 DME					257.98	2.13 (I-ONT)	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.31 NM AFTER EDDSO INT/I-ONT 8.47 DME OR AT I-ONT 2.17 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 THEN CLIMBING LEFT TURN TO 5400 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
29
CHECKED

AIRPORT ID
KONT

PROCEDURE NAME
ILS OR LOC RWY 26R
ILS RWY 26R (CAT II),
ILS RWY 26R (CAT III)

ORIGINAL/AMENDMENT
6

CITY
ONTARIO

STATE
CA

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT ZEBLU

3. **FAC:** 257.98 **FAF:** EDDSO INT/I-ONT 8.47 DME **DIST FAF TO MAP:** 6.31 **DIST FAF TO THLD:** 6.31

4. **MIN ALT:** ZEBLU INT/I-ONT 10.61 DME 3400, EDDSO INT/I-ONT 8.47 DME 3000, WUNAK/I-ONT 4.33 DME 1680

5. **DIST TO THLD FROM OM:** **MM:** **IM:** **100 HAT:** 773.00 **150 HAT:** **GS ANT:** 1163

6. **MIN GS INCPT:** 3000 **GS ALT AT PFAF :** EDDSO INT/I-ONT 8.47 DME 3000 **OM:** **MM:** **IM:**

7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 59.7

8. **MSA FROM:** PDZ VORTAC 020-110 8900, 110-290 6900, 290-020 11300

PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM TAKOE.

NOTES:

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 26R: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 1032 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 26R: CAT A, B, C, D, RVR 300.
CHART NOTE: CIRCLING NA N OF RWY 8L-26R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 078.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 26R CAT C AND D VISIBILITY TO 2 SM.
CHART SPEED ICON IN PLANVIEW AT TAKOE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT ZEBLU: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 4300 AT TAKOE
CHART CIRCLING ICON.
CHART 1126 TOWER 340307N/1173151W
1980 AAO 340221N/1172711W.
CHART MANDATORY 7000 AT PDZ VORTAC.
HOLD E, RT, 258.00 INBOUND.
CHART FAS OBST: 1060 AMUSEMENT_PARK_STRUCTURE (06-232288) 340309N/1173256W.
CHART VDP AT 3.32 DME.
DISTANCE VDP TO THLD 1.16 NM.
CHART MANDATORY 3400 AT ZEBLU INT/I-ONT 10.61 DME.



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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

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
S-ILS 26R	1132	1800	200	1132	1800	200	1132	1800	200	1132	1800	200			
S-LOC 26R	1680	2400	748	1680	4000	748	1680	1 3/4	748	1680	1 3/4	748			
SIDESTEP 26L	1680	5500	754	1680	5500	754	1680	1 3/4	754	1680	2	754			
CIRCLING	1680	1	736	1680	1 1/4	736	1680	2 1/4	736	1680	2 1/2	736			
WUNAK FIX MINIMUMS (DME REQUIRED)															
S-LOC 26R	1320	2400	388	1320	2400	388	1320	3500	388	1320	3500	388			

CHANGES - REASONS

1. TERMINAL ROUTES - SB NDB TO ZEBLU COURSE/ALTITUDE CHANGED FROM 258.03/3600 TO 256.53/3400 AND I-ONT REMOVED FROM DISTANCE SECTION - COURSE CHANGE BASED ON COURSE FROM NDB TO ZEBLU AND ALT CHANGED REFERENCE LOWERED SEGMENT ALTITUDE AND I-ONT NOT REQUIRED IAW 8260.19I 8-6-4.B
2. TERMINAL ROUTES - ZEBLU TO SCRIM DISTANCE/ALT CHANGED FROM 2.45/2900 TO 2.13/3000 AND SCRIM CHANGED FROM SCRIM/I-ONT 8.16 DME TO EDDSO/I-ONT 8.47 DME - FAF RELOCATED BASED ON GPA/TCH CALCULATION
3. MISSED APPROACH MAP CHANGED FROM "LOC: 5.99 NM AFTER SCRIM INT/I-ONT 8.16 DME OR AT I-ONT 2.18 DME" TO "LOC: 6.31 NM AFTER EDDSO INT/I-ONT 8.47 DME OR AT I-ONT 2.17 DME" - FAF RELOCATED BASED ON GPA/TCH CALCULATION, NAME CHANGE ALSO REQUIRED DUE TO SCRIM FIX BEING USED ON ANOTHER PROCEDURE.
4. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 4000 DIRECT PDZ VORTAC AND HOLD" TO "CLIMB TO 2800 THEN CLIMBING LEFT TURN TO 5400 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB IN HOLD TO 5400." - NEW OBSTACLES IN THE MISSED SECTION
5. PROFILE LINE 3 - DATA CHANGED FROM "FAF: SCRIM INT/I-ONT 8.16 DME, DIST FAF TO MAP: 5.99, DIST FAF TO THLD: 5.99" TO "FAF: EDDSO INT/I-ONT 8.47 DME, DIST FAF TO MAP: 6.31, DIST FAF TO THLD: 6.31" - FAF RELOCATED BASED ON GPA/TCH CALCULATION
6. PROFILE LINE 4 - DATA CHANGED FROM "ZEBLU INT/I-ONT 10.61 DME 3600, SCRIM INT/I-ONT 8.16 DME 2900, WUNAK/4.17 DME 1620*" TO "ZEBLU INT/I-ONT 10.61 DME 3400, EDDSO INT/I-ONT 8.47 DME 3000, WUNAK /I-ONT 4.33 DME 1680" - FAF RELOCATED BASED ON GPA/TCH CALCULATION
7. PROFILE LINE 5 - GS ANT CHANGED FROM 1160 TO 1163 - UPDATED AIRNAV DATA
8. PROFILE LINE 6 - DATA CHANGED FROM "MIN GS INCPT: 2900, GS ALT AT PFAF : SCRIM INT/I-ONT 8.16 DME 2900" TO "MIN GS INCPT: 3000 GS ALT AT PFAF : EDDSO INT/I-TWO 8.47 DME 3000" - FAF RELOCATED BASED ON GPA/TCH CALCULATION
9. PROFILE LINE 8 CHANGED FROM "MSA FROM: PDZ VORTAC 020-110 9000, 110-290 7000, 290-020 11300" TO "MSA FROM: PDZ VORTAC 020-110 8900, 110-290 6900, 290-020 11300" - NEW TARGETS EVALUATION
10. ADDED PBN REQUIREMENTS NOTE "RNP APCH-GPS. FROM TAKOE." - IAW 8260.19I, PARA 8-6-8.C
11. REMOVED CHART PLANVIEW NOTE "RNAV 1-GPS REQUIRED" - IAW 8260.19I, PARA 8-6-8.C
12. REMOVED NOTE "INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 26R CAT A." - UPDATED VISCHECK RESULTS
13. CHANGED INOP ALS NOTES FROM "FOR INOPERATIVE ALS, INCREASE SIDESTEP 26L CAT B VISIBILITY TO 1 1/4 SM, AND SIDESTEP 26L CAT C TO 2 1/2 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 26R CAT C AND D VISIBILITY TO 2 SM" - UPDATED VISCHECK RESULTS
14. ADDITIONAL FLIGHT DATA - REMOVED FAS OBST 1998 AAO 340218N/1172712W - NEW TARGETS EVALUATION
15. ADDITIONAL FLIGHT DATA - CHANGED CHARTED FAS OBST FROM 1054 TOWER 340309N/1173256W TO 1060 AMUSEMENT_PARK_STRUCTURE (06-232288) 340309N/1173256W - NEW TARGETS EVALUATION
16. ADDITIONAL FLIGHT DATA - CHANGED VDP DATA FROM "3.27 DME*/1.15 TO THLD" TO "3.32 DME/1.16 TO THLD" - LOWERED WUNAK S-LOC26R MDA AND * NO LONGER REQUIRED.
17. ALTERNATE MINS CHANGED FROM "ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4" TO "ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800 - 2 1/2" - UPDATED VISCHECK RESULTS
18. S-ILS 26R VIS, ALL CATS, CHANGED FROM 2400 TO 1800 - UPDATED VISCHECK RESULTS
19. S-LOC 26R MDA/HAT MINS, ALL CATS, CHANGED FROM 1620/668 TO 1680/748 - NEW TARGETS EVALUATION
20. S-LOC 26R VIS, CAT B CHANGED FROM RVR 2400 TO RVR 4000, CATS C, D CHANGED FROM 1 1/2 TO 1 3/4 - UPDATED VISCHECK RESULTS
21. SIDESTEP 26L MDA/HAT MINS, ALL CATS, CHANGED FROM 1720/794 TO 1680/754 - NEW TARGETS EVALUATION
22. WUNAK DME MINIMUMS S-LOC 26R MDA/HAT, ALL CATS, CHANGED FROM 1360/428 TO 1320/388 AND VISIBILITY CAT C/D CHANGED FROM RVR 4000 TO RVR 3500 - NEW TARGETS EVALUATION
23. CIRCLING MDA/HAA, ALL CATS, CHANGED FROM 1620/676 TO 1680/736 - NEW TARGETS EVALUATION
24. CIRCLING VIS, ALL CATS CHANGED FROM 1 1/2 TO 1 1/4 TO 1 - 1 1/4 - 2 1/4 - 2 1/2 - NEW TARGETS EVALUATION
25. NOTES - CAT II/III MINS ADDED
26. HIGRO FIX DESCRIPTION CHANGED TO ADD DME - DME ADDED TO PROVIDE MORE ASSISTANCE TO PILOTS.
27. HIGRO TO PETIS COURSE CHANGED FROM 317.78 TO 317.77 - UPDATED DATA FROM NEW TARGETS BUILD
28. PETIS NDB FIX DESCRIPTION UPDATED - UPDATED TO REFLECT CURRENT DATA
29. ADDITIONAL FLIGHT DATA - 7:1 1111 TOWER CHANGED TO 1980 AAO - UPDATED TARGETS EVALUATION
30. ADDITIONAL FLIGHT DATA -REMOVED *LOC ONLY - NO LONGER REQUIRED
31. ADDITIONAL FLIGHT DATA - ADDED CHART MANDATORY ALTITUDE AT PDZ AND ZEBLU - REQUESTED BY ATC
32. PROFILE LINE 5 - ADDED 100 HAT DATA - ATC REQUEST FOR CAT II ILS
33. PROCEDURE NAME CHANGED FROM ILS OR LOC RWY 26R TO ILS OR LOC RWY 26R, ILS RWY 26R (CAT II) AND ILS RWY 26R (CAT III) - CAT II/III ADDED PER FPT
34. TERMINAL ROUTES TAKOE TO ZEBLU ALTITUDE CHANGED FROM 3600 TO 3400 - ZEBLU ALTITUDE LOWERED.
35. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVALS ON PDZ VORTAC AIRWAY RADIALS 012 CW 078 TO PROCEDURE NA FOR ARRIVAL ON PDZ VORTAC AIRWAY RADIALS 012 CW 078 - IAW 8260.19I 8-2-5.G
36. CHANGED NOTE FROM CIRCLING NA NORTH OF RWY 8L-26R TO CIRCLING NA N OF RWY 8L-26R - IAW 8260-19I 8-6-11.O.(5).(A)
37. ADDED CHART SPEED ICON IN PLANVIEW AT TAKOE MAX 210 KIAS AND ZEBLU MAX 180 KIAS - IAW 8260-19I 4-6-10.G
38. ADDED ADDITIONAL FLIGHT DATA ENTRY 7:1 CHART 1126 TOWER 340307N/1173151W - IAW 8260.19I 8-6-10.E(2)
39. REMOVED NOTE **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA - RWY LIGHTING UPDATED
40. FINAL TYPE CHANGED FROM S-ILS-26R** TO S-ILS 26R - ** NO LONGER REQUIRED
41. REMOVED ADDITIONAL FLIGHT DATA ENTRY LTP HAE: 250.8 M - NOT REQUIRED

AIRPORT ID
KONT

PROCEDURE NAME
ILS OR LOC RWY 26R
ILS RWY 26R (CAT II),
ILS RWY 26R (CAT III)

ORIGINAL/AMENDMENT
6

CITY
ONTARIO

STATE
CA

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZLA, SOCAL TRACON, ONT ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
CASIMIR L TABAKA

Jun 12, 2023

OFFICE

DATE

DEVELOPED BY
JOSEPH BLANCO

Digitally signed by
JOSEPH A BLANCO
Jun 05, 2023

OFFICE
AJV-A432

DATE
03/22/2023

APPROVED BY
JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Jun 12, 2023

OFFICE
AJV-A430

DATE

TITLE
MANAGER