

**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.

AIRPORT ID ARR	PROCEDURE NAME ILS OR LOC RWY 9	ORIGINAL/AMENDMENT 4B	CITY CHICAGO/AURORA	STATE IL
AIRPORT ELEVATION 712	TDZE 707	SUPERSEDED ILS OR LOC RWY 9	ORIGINAL/AMENDMENT 4A	DATED 09/08/2022
FACILITY I-ARR	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 1W
				EPOCH YEAR 1990
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TOBBY INT/RADAR	IF	WOLFF INT/RADAR					090.14 (I-ARR)	6.00	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.12 NM AFTER WOLFF INT/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 090 AND ON DPA VOR/DME R-185 TO VAINS INT/DPA 7.90 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 287 AND ON JOT VOR/DME R-314 TO SWETT/JOT 16.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (DME REQUIRED)

PROFILE:

- PT
- PROFILE STARTS AT TOBBY INT/RADAR
- FAC:** 090.14 **FAF:** WOLFF INT/RADAR **DIST FAF TO MAP:** 6.12 **DIST FAF TO THLD:** 6.12
- MIN ALT:** TOBBY INT/RADAR 2700, WOLFF INT/RADAR 2700
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1014
- MIN GS INCPT:** 2700 **GS ALT AT PFAF:** WOLFF INT/RADAR 2700 **OM:** **MM:** **IM:**
- GS ANGLE:** 3:00 **34:1:** **20:1:** **TCH:** 45.2
- MSA FROM:** DPA VOR/DME 2600

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 005.07 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE SWETT/JOT 16.00 DME, LT, 314.19 INBOUND.
FAS OBST: 971 AAO 414530N/0883924W.
CHART IN PLANVIEW: SWETT/JOT 16.00 DME.



MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: 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
S-ILS 09	907	1/2	200	907	1/2	200	907	1/2	200	907	1/2	200			
S-LOC 09	1240	1/2	533	1240	1/2	533	1240	1	533	1240	1	533			
CIRCLING	1240	1	528	1240	1	528	1300	1 1/2	588	1340	2	628			

CHANGES - REASONS

1. TERMINAL ROUTES FINAL (LOC): UPDATE LOC ALL CATS MDA/HAT FROM "1220/513" TO "1240/533" - NEW TARGETS EVAL, NEW CONTROLLING OBSTACLE
2. CIRCLING MINIMUM: INCREASE CAT A/B CMDA/HAA FROM "1220/508" TO "1240/528", CAT D FROM "1320/608" TO "1340/628" - NEW CONTROLLING OBSTACLE, CLEARS NOTAM 5/4702
3. NOTES: REMOVE NOTE "FOR INOPERATIVE ALS, INCREASE S-LOC 9 CAT C/D VISIBILITIES TO 1 3/8 SM." - NEW TARTGETS EVALUATION
4. NOTES: MOVE NOTE "RADAR REQUIRED FOR PROCEDURE ENTRY" FROM NOTES TO EQUIPMENT REQUIREMENTS NOTES. - 8260.19; 8-6-10G
5. NOTES: UPDATE INOP ALS FROM "FOR INOPERATIVE ALS, INCREASE S-LOC 9 CAT C/D VISIBILITIES TO 1 3/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 9 CAT C/D VISIBILITIES TO 3/8 SM AND CICRLING CAT C/D VISIBILITIES 1/4 SM." - NEW TARGETS EVALUATION
6. ADDITIONAL FLIGHT DATA: REMOVE "CHART CIRCLING ICON" - MEMO REMOVAL OF CIRCLING ICONS
7. ADDITIONAL FLIGHT DATA: ADD "HOLD S, RT, 005.07 INBOUND" PRIMARY MISSED APPROACH HOLDING. - 8260.19; 8-6-11B(1)
8. ADDITIONAL FLIGHT DATA: ADD "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE SWETT/JOT 16.00 DME, LT, 314.19 INBOUND" - NEW TARGETS EVAL, 8260.19; 8-6-6H(2)
9. ADDITIONAL FLIGHT DATA: UPDATE FAS OBST FROM "950 AAO 414645N/0883601W." TO "971 AAO 414530N/0883924W" - NEW TARGETS EVAL
10. MINIMUMS: UPDATE ALTERNATE MINIMUMS FROM "ILS: STANDARD", "LOC: STANDARD" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE", "LOC: STANDARD- NA WHEN LOCAL WEATHER NOT AVAILABLE" - NEW TARGETS EVAL
11. COORDINATED WITH: REMOVE "APA" - AMERICAN AIRLINES DOES NOT FLY HERE.

05/08/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/11/2026.

1. UPDATE ALTERNATE MISSED APPROACH FROM "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 287 AND JOT VOR/DME R-314 TO SWETT INT/JOT 16.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000." TO "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 287 AND ON JOT VOR/DME R-314 TO SWETT/JOT 16.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (DME REQUIRED)" - ORIG ALT MA USED SWETT AS AN INT USING DPA. FOR THE ALT MA TO BE ISSUED, DPA WOULD BE OUT OF SERVICE.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ARR ATCT, AMGR, ZAU, ORD APP CON

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION

Digitally signed by
ALLAN WILL
Jun 15, 2026

OFFICE

DATE

DEVELOPED BY

ALLAN WILL (LUKE WELCH)

Digitally signed by
ALLAN WILL
Jun 15, 2026

OFFICE

AJV-A33

DATE

03/11/2026

APPROVED BY

KYLE THOMPSON

Digitally signed by
ALLAN WILL
Jun 15, 2026

OFFICE

AJV-A33

DATE

07/30/2026

TITLE

MANAGER



AIRPORT ID
ARR

PROCEDURE NAME
ILS OR LOC RWY 9

AMDT NO.
4B

CITY
CHICAGO/AURORA

STATE
IL

AIRPORT ELEVATION
712

FACILITY
I-ARR

FINAL: LOC

FROM
WOLFF INT/RADAR

TO
6.12 NM AFTER WOLFF INT/RADAR

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
6.12 6.12 NM AFTER WOLFF INT/RADAR 533

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	414530.00N/0883924.00W	971	215	8	4B	250					1240

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: ILS

FROM **TO**
DA VAINS INT/DPA 7.90 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
742

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
BLDG_TWR (17-000574)	414528.92N/0881855.41W	958	20	3	1A	1000					2000
TERRAIN	414630.00N/0882724.00W	741 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
ARR

PROCEDURE NAME
ILS OR LOC RWY 9

AMDT NO.
4B

CITY
CHICAGO/AURORA

STATE
IL

AIRPORT ELEVATION
712

FACILITY
I-ARR

MISSED APPROACH ALTERNATE: LOC

FROM
6.12 NM AFTER WOLFF INT/RADAR

TO
SWETT/JOT 16.00 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
984

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (17-000978)	413957.00N/0883435.00W	1161	500	50	5D	1000					2200
TERRAIN	414424.00N/0883121.00W	751 (800)								AS1500	2300

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TANK (17-000874)	414530.72N/0882642.62W	1.30	528	918	20	3	1A	300		SI	1240
CATEGORY B											
TANK (17-000874)	414530.72N/0882642.62W	1.83	528	918	20	3	1A	300		SI	1240
CATEGORY C											
TOWER (17-082994)	414927.08N/0882809.61W	2.88	588	936	250	50	4D	300		AC50	1300
CATEGORY D											
AAO	415021.00N/0882951.00W	3.76	628	1024	215	8	4B	300			1340

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
DPA VOR/DME 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (17-000007)	415605.00N/0880424.00W	076	12.7	1508	250	50	4D	1000			2600

MSA REMARKS:



AIRPORT ID
ARR

PROCEDURE NAME
ILS OR LOC RWY 9

AMDT NO.
4B

CITY
CHICAGO/AURORA

STATE
IL

AIRPORT ELEVATION
712

FACILITY
I-ARR

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ARR TOWER, ORD APP CON

WX SERVICE
ASOS

LOCATION
ARR

HRS OPERATION
24/yes

ALTIMETER SOURCE
ARR

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
ORD

HRS OPERATION
24/yes

ALTIMETER SOURCE
ORD

DISTANCE
28.38

WMSCR
Y

ADJUSTMENTS
70

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KARR 712, KORD 680
RA = 69.5.

PRIMARY NAVAID
I-ARR

MONITOR POINT
MOCC

HRS OPERATION
24

CAT
1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL), REIL (PCL), PAPI-4L	BSC-F	
RW36 - REIL (PCL), MIRL (PCL), VASI-4L	NPI-F	
RW09 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	
RW15 - REIL (PCL), HIRL (PCL), PAPI-4L	PIR-G	
RW27 - REIL (PCL), HIRL (PCL), PAPI-4L	PIR-G	
RW33 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
706.8

TCH
45.2

ELEV GS ANTENNA
696.8

DISTANCE FROM RWY
1014

VGSI ANGLE
3.00

TCH
45.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

Empty box for Penetrations Remarks.



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT: 100FT

VDP NOT ESTABLISHED - FACILITY DOES NOT HAVE DME.

CONTINGENCY NOTE:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORD ALTIMETER SETTING AND INCREASE S-ILS 09 DA TO 977 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 09 VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

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	
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	3.29
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	0.93
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	089.14
DISTANCE FROM	THLD	TO 1500FT POINT	800
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	5.32
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	1.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	090.14
			900

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	414612.55N/0882907.31W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	414618.69N/0882836.25W
FAF COORDINATES	RUNWAY 15 DISTANCE 0.68 NM
FIX NAME COORDINATES	414606.75N/0883717.72W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME
ALLAN WILL (LUKE WELCH)

OFFICE
AJV-A33

DATE
03/11/2026

TITLE
AERONAUTICAL INFORMATION SPECIALIST

