

**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> KUIN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 18	<u>CITY</u> QUINCY	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 769	<u>TDZE</u> 760	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 17C	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-UIN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RAYOK/UIIN 7.00 DME/RADAR	IF	QUINCY LOM					038.31	9.51 (I-UIN)	2100

MISSED APPROACH THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-11.

MAP:



ILS: DA
 LOC: 3.87 NM AFTER QUINCY LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2300 DIRECT QUINCY LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 218.31 OUTBOUND 2300 FT WITHIN 10 MILES OF QUINCY LOM (IAF)
- 2.
3. FAC: 038.31 FAF: QUINCY LOM DIST FAF TO MAP: 3.87 DIST FAF TO THLD: 3.87
4. MIN ALT: QUINCY LOM 2100
5. DIST TO THLD FROM OM: 3.87 MM: IM: 150 HAT: GS ANT: 735
6. MIN GS INCPT: 2100 GS ALT AT PFAF:  OM: 2029 MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 41.0
8. MSA FROM: UI LOM 2700 

EQUIPMENT REQUIREMENTS NOTE:

ADF OR DME REQUIRED.
 RADAR RQUIRED FOR PROCEDURE ENTRY AT RAYOK.



NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 4 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 4 CAT C AND D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 038.31 INBOUND.
FAS OBST: 890 AAO 395324N/0911424W.
900 AAO 395302N/0911455W.
CHART 2500 PRIOR TO QUINCY LOM IN PROFILE.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

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
S-ILS 04	960	1/2	200	960	1/2	200	960	1/2	200	960	1/2	200			
S-LOC 04	1140	1/2	380	1140	1/2	380	1140	5/8	380	1140	5/8	380			
CIRCLING	1180	1	411	1220	1	451	1240	1 1/2	471	1320	2	551			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED UIN VORTAC FEEDER FROM PROCEDURE - UIN VOR MON NATL PROGRAM.
2. TERMINAL ROUTES: REMOVED HEGUL/UII 7.00 DME CW AND UPICI/UII 7.00 DME CW IAFS FROM PROCEDURE - PER IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: ADDED RADAR TO RAYOK IF - PER IFP/ATC CHECKLIST REQUEST.
4. TERMINAL ROUTES: CHANGED FAF FROM UI OM TO QUINCY LOM - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST.
5. TERMINAL ROUTES: CHANGED IF SEGMENT DISTANCE FROM "9.50" TO "9.51 (I-UII)" - PER NEW EVALUATION.
6. MISSED APPROACH: CHANGED MAP FOR LOC FROM "3.87 NM AFTER UI OM" TO "3.87 NM AFTER QUINCY LOM" - PER 8260.19I, PARA 8-6-6C(1).
7. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2300 DIRECT UI LOM AND HOLD" TO "CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2300 DIRECT QUINCY LOM AND HOLD" - PER IFP/ATC CHECKLIST REQUEST.
8. PROFILE LINE 1: CHANGED PT OUTBOUND COURSE FROM 218.00 TO 218.31 AND FROM UI OM TO QUINCY LOM - COURSE CHANGE TO ALIGN TO FAC, PT OVER LOM.
9. PROFILE LINE 3: CHANGED FAF FROM UI OM TO QUINCY LOM - FAF IS AT THE LOC FAC ABEAM.
10. PROFILE LINE 4: CHANGED MIN ALT FROM "UI OM 2100" TO "QUINCY LOM 2100" - FAF IS AT THE LOC FAC ABEAM.
11. PROFILE LINE 6: CHANGED GS ALT AT PFAF FROM UI OM TO "QUINCY LOM 2100" AND OM FROM 2024 TO 2029 - FAF IS AT THE LOC FAC ABEAM, PROCEDURE REDESIGN, PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
12. TDZE CHANGED FROM 762 TO 760 - UPDATED AIRNAV DATA.
13. MOVED "ADF OR DME REQUIRED" FROM ADDITIONAL FLIGHT DATA TO EQUIPMENT REQUIREMENTS NOTE - PER 8260.19I, PARA 8-6-8A(2).
14. ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT RAYOK" TO EQUIPMENT REQUIREMENTS NOTE - PER 8260.19I, PARA 8-6-8A(3).
15. REMOVED "CHART NOTE: ADF REQUIRED" - ALREADY DOCUMENTED UNDER EQUIPMENT REQUIREMENTS NOTE.
16. CHANGED CHART NOTE: FROM "FOR INOPERATIVE MALSR INCREASE S-LOC 4 CAT D VISIBILITY 1/4 MILE" TO "FOR INOPERATIVE ALS, INCREASE S-ILS 4 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 4 CAT C AND D VISIBILITY TO 1 SM" - PER UPDATED 8260.3E VIS TABLES.
17. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD SW, RT, 038.00 INBOUND" TO "HOLD SW, RT, 038.31 INBOUND" - HOLDING COURSE CHANGE TO ALIGN TO FAC.
18. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 820 TREES 395512N/0911252W" TO "FAS OBST: 890 AAO 395324N/0911424W" - NEW CONTROLLING OBSTACLE.
19. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "900 AAO 395302N/0911455W" - NEW TERRAIN EVALUATION.
20. ADDITIONAL FLIGHT DATA: REMOVED "CHART UIN R-082 AT HEGUL" AND "CHART UIN R-012 AT UPICI" - IAFS REMOVED FROM PROCEDURE PER IFP/ATC CHECKLIST REQUEST.
21. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10S.
22. CHANGED S-ILS 04 MINIMUMS FROM 962 DA TO 960 DA - TDZE CHANGED FROM 762 TO 760.
23. CHANGED S-LOC 04 MDA/HAA FROM 1080/318 TO 1140/380, CAT C VISIBILITY FROM 1/2 SM TO 5/8 SM AND CAT D VISIBILITY FROM 3/4 SM TO 5/8 SM - NEW CONTROLLING OBSTACLE, PER UPDATED 8260.3E VIS TABLES.
24. CHANGED CIRCLING CAT A MDA/HAA FROM 1200/431 TO 1180/411 - NEW CONTROLLING OBSTACLE.
25. CHANGES FROM P-NOTAMS FOR AMDT 17C INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4C(3).

04/04/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/22/2023.

1. CHANGED MSA NAVAID FROM UIN NDB TO UI LOM.
2. LINE #6 : GS ALT AT PFAF, REMOVED ENTRY.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:**

FLIGHT CHECKED BY
PETER ALONZO WYMAN

Digitally signed by
CASIMIR L TABAKA
Apr 04, 2023

OFFICE
FIOG **DATE**
03/17/2023

DEVELOPED BY
CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
CASIMIR L TABAKA
Apr 04, 2023

OFFICE
AJV-A432 **DATE**
11/22/2022

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Apr 04, 2023

OFFICE
AJV-A432 **DATE**
TITLE
MANAGER

