

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> UIN	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> QUINCY	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 768	<u>TDZE</u> 763	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 18	<u>DATED</u> 06/15/2023
<u>FACILITY</u> I-UIN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 12/26/2024	<u>MAG VAR</u> 2E
				<u>EPOCH YEAR</u> 1985
				<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>
RAYOK/UIN 7.00 DME/RADAR	IF	QUINCY LOM					038.31 (I-UIN)	9.51	2100

MISSED APPROACH

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: 733		
6. MIN GS INCPT:	2100	GS ALT AT PFAF:	QUINCY LOM				OM: 2035	MM:	IM:
7. GS ANGLE:	3.00	34:1:		20:1:		TCH:	41.0		
8. MSA FROM:	QUINCY LOM 2700								



EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT RAYOK.

NOTES:

CHART NOTE: DME FROM UIN TACAN. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-UIN AND UIN TACAN.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE S-ILS 04 DA TO 1033 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 04 VISIBILITY CAT C/D 3/8 SM. FOR INOPERATIVE ALS WHEN LOCAL ALTIMETER NOT RECEIVED, INCREASE S-ILS 4 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 4 CAT C AND D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART UIN TACAN
CHART: PRUITT A AND B MOA.
CHART: HOWARD WEST AND EAST MOA.

HOLD SW, RT, 038.31 INBOUND.
FAS OBST: 896 AAO 395327N/0911427W.
916 AAO 395230N/0911503W.
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	HAT/HAA
S-ILS 04	963	1/2	200	963	1/2	200	963	1/2	200	963	1/2	200			
S-LOC 04	1160	1/2	397	1160	1/2	397	1160	5/8	397	1160	5/8	397			
CIRCLING	1180	1	412	1220	1	452	1240	1 1/2	472	1320	2	552			

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM 769 TO 768 AND TDZE FROM 760 TO 763. - NEW AIRPORT SURVEY.
- PROFILE LINE 5 CHANGED DIST FROM THLD TO GS ANT FROM 735 TO 733. - NEW AIRPORT SURVEY.
- PROFILE LINE 6 CHANGE GS ALT AT OM FROM 2029 TO 2035. - ALTITUDE ADJUSTED TO MAINTAIN 3.00 GPA/VDA, TDZE CHANGED.
- CHANGED EQUIPMENT REQUIREMENTS NOTE FROM ADF OR DME REQUIRED TO ADF REQUIRED. - DME IS NO LONGER REQUIRED FOR THE PROCEDURE.
- ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE S-ILS 04 DA TO 1033 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 04 VISIBILITY CAT C/D 3/8 SM. FOR INOPERATIVE ALS WHEN LOCAL ALTIMETER NOT RECEIVED, INCREASE S-ILS 4 ALL CATS VISIBILITY TO 7/8 SM AND S-LOC 4 CAT C AND D VISIBILITY TO 1 SM" 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 3/8 SM. - AIRPORT REQUESTED BACK-UP ALTIMETER NOTE TO BE PUBLISHED.
- ADDED ADDITIONAL FLIGHT DATA: CHART UIN TACAN - UIN TACAN PROVIDES DME.
- ADDED ADDITIONAL FLIGHT DATA: CHART: PRUITT A AND B MOA AND HOWARD WEST AND EAST MOA. - ATC REQUEST.
- ADDITIONAL FLIGHT DATA CHANGED FROM "FAS OBST: 890 AAO 395324N/0911424W" TO "FAS OBST: 896 AAO 395327N/0911427W." - NEW S-LOC 04 CONTROLLER IDENTIFIED.
- S-ILS 04 MINS CHANGED FROM DA/HAT OF 960/200 TO 963/200. - TDZE CHANGED.
- S-LOC 04 MINS CHANGED FROM MDA/HAT OF 1140/380 TO 1160/397. - NEW AAO CONTROLLER IDENTIFIED, TDZE CHANGED.
- ALL CIRCLING HAA'S INCREASED BY 1. - AIRPORT ELEVATION DECREASED BY 1.
- ADDED CHART NOTE: DME FROM UIN TACAN. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-UIN AND UIN TACAN. - 8260.19, TACAN IS NOT COLLOCATED WITH ILS.



QUALITY
21
CHECKED