

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.25**

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> LOC BC RWY 22	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> QUINCY	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 769	<u>TDZE</u> 747	<u>SUPERSEDED</u> LOC/DME BC RWY 22	<u>ORIGINAL/AMENDMENT</u> 6B	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 2E
<u>FACILITY</u> I-UIIN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-11.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE

**MISSED APPROACH**

**MAP:**

5.05 NM AFTER MALGA/UIIN 12.64 DME/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT FANUT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- 1. PT R SIDE OF COURSE 038.32 OUTBOUND 2400 FT WITHIN 10 MILES OF MALGA/RADAR (IAF)
- 2.
- 3. FAF: 218.32 FAF: MALGA/UIIN 12.64 DME/RADAR DIST FAF TO MAP: 5.05 DIST FAF TO THLD: 5.05
- 4. MIN ALT: MALGA/UIIN 12.64 DME/RADAR 2400
- 8. MSA FROM: UI LOM 2700 ←

**EQUIPMENT REQUIREMENTS NOTES:**

RNP APCH - GPS.  
RADAR REQUIRED FOR PROCEDURE ENTRY AT MALGA.

**NOTES:**

CHART NOTE: SIMULTANEOUS RECEPTION OF I-UIIN AND UIIN DME REQUIRED.  
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.



**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 218.43 INBOUND.  
 CHART FAS OBST: 874 TANK (17-002569) 395927N/0910852W.  
 970 AAO 400126N/0910617W.  
 CHART VDP AT 8.69 DME.  
 DISTANCE VDP TO THLD 1.09 NM.  
 CHART 2300 PRIOR TO MALGA IN PROFILE.  
 CHART CIRCLING ICON.  
 MALGA TO RW22: 3.00/45.5.  
 DME FROM UIN TACAN.

**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
S-22	1140	1	393	1140	1	393	1140	1 1/8	393	1140	1 1/8	393			
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 ARC IAFS SEGMENTS FROM PROCEDURE - PROCEDURE REDESIGN IFP/ATC CHECKLIST REQUEST.
3. TERMINAL ROUTES: REMOVED UIN VORTAC IF SEGMENT FROM PROCEDURE - UIN VOR MON NATL PROGRAM.
4. CHANGED MAP FROM "UIN 8.30 DME" TO "5.05 NM AFTER MALGA/UIN 12.64 DME/RADAR" - PROCEDURE REDESIGN IFP/ATC CHECKLIST REQUEST.
5. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2400 DIRECT UIN VORTAC AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT FANUT AND HOLD" - UIN VOR MON NATL PROGRAM, PROCEDURE REDESIGN IFP/ATC CHECKLIST REQUEST.
6. PROFILE LINE 1: CHANGED PT COURSE FROM 038.00 TO 038.32 AND MILES OF FROM "MALGA (IAF)" TO "MALGA/RADAR (IAF)" - COURSE CHANGE TO ALIGN TO FAC, RADAR REQUIRED PER IFP/ATC CHECKLIST REQUEST.
7. PROFILE LINE 3: UPDATED FAC FROM 218.00 TO 218.32 - COURSE CHANGE TO ALIGN TO FAC.
8. PROFILE LINE 3: CHANGED FAF FROM "MALGA/UIN 13.00 DME" TO "MALGA/UIN 12.64 DME/RADAR" - UPDATED AIRNAV DATA FOR UIN TACAN, RADAR REQUIRED FOR PROCEDURE ENTRY AT MALGA.
9. PROFILE LINE 3: CHANGED DIST FAF TO THLD FROM 5.40 TO 5.05 AND ADDED "DIST FAF TO MAP: 5.05" - FAF RELOCATED PER GPA/TCH MATCHING THE VGSI DATA.
10. PROFILE LINE 4: CHANGED MIN ALT FROM "MALGA/UIN 13.00 DME 2400" TO "MALGA/UIN 12.64 DME/RADAR 2400" - FAF RELOCATED PER GPA/TCH MATCHING THE VGSI DATA, RADAR REQUIRED FOR PROCEDURE ENTRY AT MALGA.
11. PROFILE LINE 8: CHANGED MSA FROM "UIN VORTAC 2700" TO "UIN NDB 2700" - UIN VOR MON NATL PROGRAM.
12. EQUIPMENT REQUIREMENTS NOTES: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT MALGA" AND "RNP APCH - GPS" - PER 8260.19I, PARA 8-6-8A(3) AND PARA 8-6-8C(2)(A).
13. ADDITIONAL FLIGHT DATA: ADDED "HOLD NE, RT, 218.43 INBOUND" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST.
14. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "830 SILO 395740N/0911035W" TO "874 TANK (17-002569) 395927N/0910852W" - NEW CONTROLLING OBSTACLE.
15. ADDITIONAL FLIGHT DATA: CHANGED FROM "MALGA TO RW22: 2.80/43" TO "MALGA TO RW22: 3.00/45.5" - FAF RELOCATED PER GPA/TCH MATCHING THE VGSI DATA.
16. ADDITIONAL FLIGHT DATA: ADDED 7:1 OBSTACLE "970 AAO 400126N/0910617W" - NEW TERRAIN EVALUATION.
17. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 8.69 DME" AND "DISTANCE VDP TO THLD 1.09 NM" - 8260.19I PARA 8-6-10M(MEMO).
18. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10S.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "DME FROM UIN VORTAC" TO "DME FROM UIN TACAN" - UIN VOR MON NATL PROGRAM, DME RETAINED.
20. CHANGED S-22 CAT C VISIBILITY FROM 1 SM TO 1 1/8 SM AND CAT D VISIBILITY FROM 1 1/4 SM TO 1 1/8 SM - PER UPDATED 8260.3E VIS TABLES.
21. CHANGED CIRCLING CAT A MDA/HAA FROM 1200/431 TO 1180/411 - NEW CONTROLLING OBSTACLE.
22. CHANGED PROCEDURE NAME FROM "LOC/DME BC RWY 22" TO "LOC BC RWY 22" - PER 8260.3E 1-1-5 A(3).

04/04/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/22/2023.  
 CHANGED MSA NAVAID FROM UIN NDB TO UI LOM.



AIRPORT ID  
KUIW

PROCEDURE NAME  
LOC BC RWY 22

ORIGINAL/AMENDMENT  
7

CITY  
QUINCY

STATE  
IL

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZKC, AMGR

**FLIGHT CHECKED BY**

PETR A WYMAN

*Digitally signed by*  
**CASIMIR L TABAKA**

Mar 22, 2023

**OFFICE**

FPO

**DATE**

03/17/2023

**DEVELOPED BY**

CASIMIR L. TABAKA (SILVIA YOUNG)

*Digitally signed by*  
**CASIMIR L TABAKA**

Feb 28, 2023

**OFFICE**

AJV-A432

**DATE**

11/17/2022

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**

Feb 28, 2023

**OFFICE**

AJV-A432

**DATE**

**TITLE**  
MANAGER

