

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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 MQJ	PROCEDURE NAME RNAV (GPS) RWY 7	ORIGINAL/AMENDMENT ORIG	CITY INDIANAPOLIS	STATE IN
AIRPORT ELEVATION 862	TDZE 862	SUPERSEDED	ORIGINAL/AMENDMENT NONE	REQUIRED EFFECTIVE DATE ROUTINE
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 31 OCTOBER 2024	DATED 2W	EPOCH YEAR 1985
			MAG VAR 2W	CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 342/30 CW 162/30	NOPT	342/20 CW 162/20		3100
2. 342/20 CW 162/20		GADME	IF/IAF	2900
3. 162/30 CW 252/30		AROPE	IAF	2900
4. 252/30 CW 342/30		FERBO	IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FERBO	IAF	GADME	NOPT	TF	FB	1.00	341.92	7.00	2900
AROPE	IAF	GADME	NOPT	TF	FB	1.00	161.86	7.00	2900
GADME	IF/IAF	EMOKE	PFAF	TF	FB	1.00	071.89	4.00	2500
EMOKE	FAF	EMBOY/3.00 NM TO RW07		TF	FB	0.30	071.94	2.02	
EMBOY/3.00 NM TO RW07		RW07	MAP	TF	FO	0.30	071.94	3.00	
RW07	MAP	1139 MSL		CA			071.94		
1139 MSL		FOGBU		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT FOGBU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD W GADME, RT, 071.89 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 071.94 **FAF:** EMOKE **DIST FAF TO MAP:** 5.02 **DIST FAF TO THLD:** 5.02
- 4. **MIN ALT:** GADME 2900, EMOKE 2500, EMBOY/3.00 NM TO RW07 1840
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **277 HAT:** 0.74 **GS ANT:**
- 6. **MIN GP INCPT:** 2500 **GP ALT AT PFAF:** EMOKE 2500 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IND ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IND ALTIMETER SETTING AND INCREASE LPV DA TO 1271 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1194 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 252.17 INBOUND.
 CHART FAS OBST: 1008 POLE (18-071543) 394912N/0855743W.
 CHART 1303 ANTENNA (18-071215) 394939N/0855851W.
 CHART VDP AT 1.12 NM TO RW07.
 WAAS CHANNEL # 69646
 REFERENCE PATH ID: W07A
 LTP HAE: 228.8 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	1216	1	354	1216	1	354	1216	1	354	1216	1	354				
LNAV/VNAV DA	1139	7/8	277	1139	7/8	277	1139	7/8	277	1139	7/8	277				
LNAV MDA	1260	1	398	1260	1	398	1260	1 1/8	398	1260	1 1/8	398				

CHANGES - REASONS



AIRPORT ID
MQJ

PROCEDURE NAME
RNAV (GPS) RWY 7

ORIGINAL/AMENDMENT
ORIG

CITY
INDIANAPOLIS

STATE
IN

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZID, AMGR, IND APP CON

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by
JOSEPH L ZEDER
Aug 07, 2024

OFFICE

FPO

DATE

08/01/2024

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by
ERIC N SUSKI
Jul 12, 2024

OFFICE

AJV-A431

DATE

05/02/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Jul 12, 2024

OFFICE

AJV-A431

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMQJ
RW07
0
0
W07A
395011.7040N
0855440.2305W
+02288
395042.1745N
0855251.5195W
00040.0
F
03.00
106.75
0920
40.0
50.0

CRC REMAINDER

BDB7D6BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02628
+02628

