

**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.

<u>AIRPORT</u> LIMA ALLEN COUNTY	<u>AIRPORT ID</u> KAOH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> LIMA	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 975	<u>TDZE</u> 961	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 11/07/2019	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JINAK		ZAMAK		TF	FB	1.00	204.43	8.98	3000
ZAMAK	IAF	UCAYU	NOPT	TF	FB	1.00	185.83	7.00	3000
CUBOB	IAF	UCAYU	NOPT	TF	FB	1.00	005.88	7.07	3000
UCAYU	IF/IAF	BODYS		TF	FB	1.00	095.83	7.72	2400
BODYS	FAF	FIPVA/1.90 NM TO RW10		TF	FB	0.30	095.94	2.51	
FIPVA/1.90 NM TO RW10		RW10	MAP	TF	FO	0.30	095.94	1.90	
RW10	MAP	1211 MSL		CA			095.94		
1211 MSL		DIYZO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT DIYZO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD W UCAYU, RT, 095.83 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 095.94 **FAF:** BODYS **DIST FAF TO MAP:** 4.41 **DIST FAF TO THLD:** 4.41
4. **MIN ALT:** UCAYU 3000, BODYS 2400, FIPVA/1.90 NM TO RW10 1580*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.68 **GS ANT:**
6. **MIN GP INCPT:** 2400 **GP ALT AT FAF :** BODYS 2400 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 45.0
8. **MSA FROM:** RW10 3000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT UCAYU ON V144 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.33 NM TO RW10*
 *LNAV ONLY
 WAAS CHANNEL #65816
 REFERENCE PATH ID: W10A
 CHART FAS OBST: 1157 TOWER 404217N/0840513W.
 HOLD E, RT, 276.16 INBOUND
 LTP HAE: 254.8 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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS
LPV DA	1211	1	250	1211	1	250	1211	1	250	1211	1	250			
LNAV/VNAV DA	1272	1	311	1272	1	311	1272	1	311	1272	1	311			
LNAV MDA	1420	1	459	1420	1	459	1420	1 3/8	459	1420	1 3/8	459			



CHANGES - REASONS

1. REMOVED CHART NOTES: "BARO-VNAV AND VDP NA WHEN USING FINDLAY ALTIMETER SETTING", AND "WHEN LOCAL ALTIMETER SETTING NOT RECIEVED, USE FINDLAY ALTIMETER SETTING: INCREASE LPV DA TO 1291 FEET; INCREASE LNAV/VNAV DA TO 1352 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDA 80 FEET" - MOVED TO BACK OF -9 AS CONTINGENCY NOTE PER FPT.
2. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - NO 20:1 PENETRATIONS IN EVALUATION.
3. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART VDP AT 1.33 NM TO RW10* - IAW 8260.3D, 2-6-5.
4. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 38°C (100°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - 8260.19H, 8-6-9, S.
5. CHANGED CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 8260.19H, 8-6-11, K(3) AND INCORPORATES P-NOTAM AMDT 1B AND NO 20:1 PENETRATIONS.
6. REMOVED CHART NOTE: PROCEDURE NA AT NIGHT - NO 20:1 PENETRATIONS EVALUATED AND INCORPORATES P-NOTAM AMDT 1B.
7. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH - INCORPORATED P-NOTAM AMDT 1B.
8. DELETE CIRCLING MINIMUMS - INCORPORATED P-NOTAM AMDT 1B.
9. RAISED LNAV MDA/HAT ALL CATS FROM 1400/439 TO 1420/459 - CURRENT DOCUMENTED OBSTACLE 1149 TOWER (OBS 39-003624) NOW 1157 TOWER (39-003624).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZID, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE *Digitally signed by* **DATE**

WARDELL HENNING

Oct 31, 2019

DEVELOPED BY

WARDELL HENNING (RICHARD CHRISTENSEN)

Digitally signed by

WARDELL HENNING

Oct 31, 2019

OFFICE **DATE**
AJV-A432 08/20/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING

Oct 31, 2019

OFFICE **DATE**
AJV-A430

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAOH
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	404224.9900N
LTP/FTP LONGITUDE	0840220.4695W
LTP/FTP ELLIPSOIDAL HEIGHT	+02548
FPAP LATITUDE	404224.9700N
FPAP LONGITUDE	0840023.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DEB7973D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02893
FPAP ORTHOMETRIC HEIGHT	+02893

