

**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.

<b>AIRPORT</b> GRIMES FIELD	<b>AIRPORT ID</b> I74	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 2	<b>ORIGINAL/AMENDMENT</b> 1B	<b>CITY</b> URBANA	<b>STATE</b> OH
<b>AIRPORT ELEVATION</b> 1068	<b>TDZE</b> 1068	<b>SUPERSEDED</b> RNAV (GPS) RWY 2	<b>ORIGINAL/AMENDMENT</b> 1A	<b>DATED</b> 06/21/2018	<b>MAG VAR</b> 4W <b>EPOCH YEAR</b> 1985
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 15 AUGUST 2019	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JOGER		PENOE		TF	FB	1.00	311.30	18.90	4000
TRUNC		OREXE		TF	FB	1.00	115.35	11.79	4000
PENOE	IAF	SEBUE	NOPT	TF	FB	1.00	291.91	5.00	4000
OREXE	IAF	SEBUE	NOPT	TF	FB	1.00	111.77	5.00	4000
SEBUE	IF/IAF	RIKOE		TF	FB	1.00	021.84	6.10	3000
RIKOE	FAF	WANIS/2.40 NM TO RW02		TF	FB	0.30	021.87	3.46	
WANIS/2.40 NM TO RW02		RW02	MAP	TF	FO	0.30	021.87	2.40	
RW02	MAP	1318 MSL		CA			021.87		
1318 MSL		HIRID		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW02

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT HIRID AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- 2. HOLD S SEBUE, RT, 021.84 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 021.87      **FAF:** RIKOE                      **DIST FAF TO MAP:** 5.86                      **DIST FAF TO THLD:** 5.86
- 4. **MIN ALT:** SEBUE 4000, RIKOE 3000, WANIS/2.40 NM TO RW02 1860\*
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **250 HAT:** 0.68      **GS ANT:**
- 6. **MIN GP INCPT:** 3000                      **GP ALT AT FAF :** RIKOE 3000                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS NOT CLEAR      **20:1:** IS CLEAR                      **TCH:** 44.4
- 8. **MSA FROM:** RW02 2900

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

- CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SPRINGFIELD ALTIMETER SETTING.
- CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
- CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
- CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL DA 44 FEET, ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 SM.
- CHART NOTE: CIRCLING NA TO RWYS 1 AND 19.

**ADDITIONAL FLIGHT DATA:**

- CHART VDP AT 1.25 NM TO RW02\*
- \*LNAV ONLY
- WAAS CHANNEL #53719
- REFERENCE PATH ID: W02A
- CHART FAS OBST: 1249 TOWER 400558N/0834549W.
- HOLD N, RT, 201.94 INBOUND
- LTP HAE: 289 M

**MINIMUMS:**

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

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

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	1318	1	250	1318	1	250	1318	1	250		NA				
LNAV/VNAV DA	1501	1 1/2	433	1501	1 1/2	433	1501	1 1/2	433		NA				
LNAV MDA	1500	1	432	1500	1	432	1500	1 1/4	432		NA				
CIRCLING	1580	1	512	1580	1	512	1580	1 1/2	512		NA				

**CHANGES - REASONS**

- 1. INCORPORATE CHANGES FROM NOTAM FDC 8/7455 AND 8/9965, AMDT 1A - PUBLICATION OF AMDT 1B/TRUNC FAC MAKE-UP (RID) DECOMMISSIONING, V12 NO LONGER EXIST.
- 2. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUNC ON V12 WESTBOUND - DELETED VIA NOTAM FDC 8/9965.
- 3. COMBINED CHART NOTES: BARO-VNAV NA WHEN USING SPRINGFILED ALTIMETER SETTING AND VDP NA WITH SPRINGFIELD ALTIMETER SETTING - CHART NOTE TEXT REDUCTION.



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** COLUMBUS APP CON, 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**

Mar 14, 2019

**DEVELOPED BY**

WARDELL HENNING (PATRICK COMBS)

*Digitally signed by*

**WARDELL HENNING**

Mar 14, 2019

**OFFICE**

AJV-A432

**DATE**

02/19/2019

**APPROVED BY**

PATRICK MULQUEEN

*Digitally signed by*

**WARDELL HENNING**

Mar 14, 2019

**OFFICE**

AJV-A43

**DATE**

**TITLE**

MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I74
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	400736.5645N
LTP/FTP LONGITUDE	0834521.4300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02890
FPAP LATITUDE	400901.4100N
FPAP LONGITUDE	0834445.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00044.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	95B50C4D

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03224
FPAP ORTHOMETRIC HEIGHT	+03224

