

**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><b>AIRPORT ID</b></u><br>7G8         | <u><b>PROCEDURE NAME</b></u><br>RNAV (GPS) RWY 11 | <u><b>ORIGINAL/AMENDMENT</b></u><br>ORIG-C             | <u><b>CITY</b></u><br>MIDDLEFIELD                | <u><b>STATE</b></u><br>OH         |                             |                                  |
| <u><b>AIRPORT ELEVATION</b></u><br>1174 | <u><b>TDZE</b></u><br>1172                        | <u><b>SUPERSEDED</b></u><br>RNAV (GPS) RWY 11          | <u><b>ORIGINAL/AMENDMENT</b></u><br>ORIG-B       | <u><b>DATED</b></u><br>08/17/2017 | <u><b>MAG VAR</b></u><br>9W | <u><b>EPOCH YEAR</b></u><br>2015 |
| <u><b>FACILITY</b></u><br>RNAV          | <u><b>COORDINATES OF FACILITIES</b></u>           | <u><b>ACTUAL EFFECTIVE DATE</b></u><br>4 NOVEMBER 2021 | <u><b>REQUIRED EFFECTIVE DATE</b></u><br>ROUTINE | <u><b>CANCEL/SUSPEND</b></u>      |                             |                                  |

**TAA**

| <b>FROM</b>         | <b>FIX TYPE</b> | <b>TO</b> | <b>FIX TYPE</b> | <b>ALTITUDE</b> |
|---------------------|-----------------|-----------|-----------------|-----------------|
| 1. 019/30 CW 199/30 | NOPT            | EYIKY     | IF/IAF          | 3100            |
| 2. 199/30 CW 019/30 |                 | EYIKY     | IF/IAF          | 3100            |

**TERMINAL ROUTES**

| <b>FROM</b>           | <b>FIX TYPE</b> | <b>TO</b>             | <b>FIX TYPE</b> | <b>LEG TYPE</b> | <b>FO/FB</b> | <b>RNP</b> | <b>COURSE</b> | <b>DISTANCE</b> | <b>ALTITUDE</b> |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| EYIKY                 | IF/IAF          | CUNEG                 |                 | TF              | FB           | 1.00       | 108.76        | 7.81            | 2900            |
| CUNEG                 | FAF             | UJUXU/2.30 NM TO RW11 |                 | TF              | FB           | 0.30       | 108.87        | 3.00            |                 |
| UJUXU/2.30 NM TO RW11 |                 | RW11                  | MAP             | TF              | FO           | 0.30       | 108.87        | 2.30            |                 |
| RW11                  | MAP             | 1574 MSL              |                 | CA              |              |            | 108.87        |                 |                 |
| 1574 MSL              |                 | ZESAK                 |                 | DF              | FO           | 1.00       |               |                 | 4000            |

**MISSED APPROACH**

**MAP:**

LP: RW11  
LNAV: RW11

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT ZESAK AND HOLD, CONTINUE CLIMB-IN-HOLD 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD W EYIKY, RT, 108.76 INBOUND, 3100 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 108.87FAF: CUNEGDIST FAF TO MAP: 5.30DIST FAF TO THLD: 5.30
4. MIN ALT: EYIKY 3100, CUNEG 2900, UJUXU/2.30 NM TO RW11 1940
5. DIST TO THLD FROM FAF: 5.30MM:IM:150 HAT:GS ANT:
6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:
7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: USE YOUNGSTOWN/WARREN ALTIMETER SETTING; WHEN NOT RECEIVED, USE CUYAHOGA COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITIES 1/4 SM.  
CHART NOTE: STRAIGHT-IN RWY 11 NA AT NIGHT, CIRCLING RWY 11 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART YOUNGSTOWN/WARREN ASOS  
HOLD E, RT, 289.10 INBOUND.  
CHART FAS OBST: 1369 TREE (39-062619) 412700N/0810714W, 1324 TREE (39-062120) 412703N/0810537W.  
WAAS CHANNEL # 97633  
REFERENCE PATH ID: W11A  
CHART CIRCLING ICON.  
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.  
LTP HAE: 323.3 M

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 |
| LP MDA     | 1640   | 1   | 468     | 1640   | 1   | 468     | 1640   | 1 3/8 | 468     |        | NA  |         |        |     |         |
| LNAV MDA   | 1680   | 1   | 508     | 1680   | 1   | 508     | 1680   | 1 3/8 | 508     |        | NA  |         |        |     |         |
| CIRCLING   | 1760   | 1   | 586     | 1760   | 1   | 586     | 1900   | 2     | 726     |        | NA  |         |        |     |         |



**CHANGES - REASONS**

1. INCORPORATED P-NOTAM AMDTS ORIG-A (5/4375) AND ORIG-B (7/4283).
2. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 4000 DIRECT ZESAK AND HOLD" TO "CLIMB TO 4000 DIRECT ZESAK AND HOLD, CONTINUE CLIMB-IN-HOLD 4000" - NEW TARGETS RESULTS.
3. PROFILE LINE 2: ADDED MAX 6000 - 8260.19I 8-6-7. B (2).
4. PROFILE LINE 5: ADDED DIST TO THLD FROM FAF: 5.30 - 8260.19I 8-6-7. E.
5. PROFILE LINE 7: ADDED 20:1 IS NOT CLEAR - NEW SURVEY/ NEW TARGETS RESULTS.
6. PBN REQUIREMENTS NOTE: REMOVED DME/DME RNP -0.3 NA AND REPLACED WITH RNP APCH - GPS - 8260.19I 8-6-8. B.
7. NOTES: CHANGED BACK-UP ALTIMETER NOTE FROM "USE YOUNGSTOWN-WARREN ALTIMETER SETTING; WHEN NOT RECEIVED, USE CUYAHOGA COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FT AND INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE" TO "USE YOUNGSTOWN-WARREN ALTIMETER SETTING; WHEN NOT RECEIVED, USE CUYAHOGA COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITIES 1/4 SM" - NEW VISIBILITY CHECKS.
8. NOTES: CHANGED "HELICOPTER VISIBILITY REDUCTION-BELOW 1SM NOT AUTHORIZED" TO "RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED." - NEW FORMAT CRITERIA/ 8260.19I 8-6-11 K. (3).
9. NOTES: REMOVED "PROCEDURE NA AT NIGHT" AND REPLACED WITH "CHART NOTE: STRAIGHT-IN RWY 11 NA AT NIGHT, CIRCLING RWY 11 NA AT NIGHT" - NO VGSI/20:1 PENETRATIONS/ 8260.19I, 8-6-11 O. (2) (H). NOTE.
10. ADDITIONAL FLIGHT DATA: ADDED CHART YOUNGSTOWN-WARREN ASOS - 8260.19I 8-2-4 B. 3.
11. ADDITIONAL FLIGHT DATA: REMOVED "CHART FAS OBST: 1329 TREE 412703N/0810544W" AND REMOVED "CHART: 1369 TREE 412704N/0810707W" - NEW CONTROLLING OBSTACLES / NEW SURVEY 8260.19I 8-6-10. C.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART FAS OBST: 1369 TREE (39-062619) 412700N/0810714W, 1324 TREE (39-062120) 412703N/0810537W" - NEW CONTROLLING OBSTACLES / NEW SURVEY 8260.19I 8-6-10. C.
13. CRC REMAINDER CHANGED FROM 63C6EAE2 TO B7CDDEED - LTP/FTP LAT/LONG CHANGED FROM 412701.2190N/0810406.8475W TO 412701.2265N/0810406.8790W, AND FPAP LAT/LONG CHANGED FROM 412645.80000N/0810210.1500W TO 412645.8040N/0810210.1825W - NEW DISPLACED THRESHOLD SURVEY DATA.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB ARTCC, CLE APP CON, YNG ATCT, 7G8 AMGR

**FLIGHT CHECKED BY***Digitally signed by***OFFICE****DATE**

JAMES ONIEAL

**LONNIE EVERHART**

FICO

08/01/2021

Jun 02, 2021

*Digitally signed by***DEVELOPED BY****LONNIE EVERHART****OFFICE****DATE**

JON DENTON (APRIL SARMENTO)

Jun 02, 2021

AJV-A432

03/22/2021

**APPROVED BY***Digitally signed by***OFFICE****DATE****TITLE**  
MANAGER

LONNIE EVERHART

**LONNIE EVERHART**

AJV-A430

Jun 02, 2021

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | 7G8           |
| RUNWAY                                   | RW11          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W11A          |
| LTP/FTP LATITUDE                         | 412701.2265N  |
| LTP/FTP LONGITUDE                        | 0810406.8790W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +03233        |
| FPAP LATITUDE                            | 412645.8040N  |
| FPAP LONGITUDE                           | 0810210.1825W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00000.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 00.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1736          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 0.0           |
| <br>                                     |               |
| CRC REMAINDER                            | B7CDDEED      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K5     |
| LTP ORTHOMETRIC HEIGHT  | +03572 |
| FPAP ORTHOMETRIC HEIGHT | +03572 |