

|  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
|--|--------|-----|--|--------|-----|---------------------|---|-------|----------|--|-----|---|--------|-----|---------|--|--|--|--|--|--|
| US DEPARTMENT OF TRANSPORTATION<br>FEDERAL AVIATION ADMINISTRATION   |        |     |  |        |     |                     | RNAV - STANDARD<br>INSTRUMENT APPROACH PROCEDURE<br>TITLE 14 CFR PART 97.33 |       |          |  |     |   |        |     |         | Bearings, headings, courses, 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 in feet RVR. |  |  |  |  |  |
| TERMINAL ROUTES  |        |     |  |        |     |                     |   |       |          |  |     | MISSED APPROACH   |        |     |         |  |  |  |  |  |  |
| FROM   |        |     | TO   |        |     | COURSE AND DISTANCE |   |       | ALTITUDE |  |     | LP: RW23<br>LNAV: RW23  |        |     |         |  |  |  |  |  |  |
| JUSEP (IAF)  |        |     | HESVU (TF) (FB) (RNP 1.00)                                 |        |     | 295.57 / 4.14       |   |       | 3000     |  |     | CLIMB TO 2900 DIRECT RICKO AND HOLD.  |        |     |         |  |  |  |  |  |  |
| NEWLO (IAF)  |        |     | HESVU (TF) (FB) (RNP 1.00)                                 |        |     | 214.94 / 14.55      |   |       | 3000     |  |     |   |        |     |         |  |  |  |  |  |  |
| HESVU (IF)   |        |     | ZOKEL (TF) (FB) (RNP 1.00)                                 |        |     | 234.56 / 5.50       |   |       | 2900     |  |     |   |        |     |         |  |  |  |  |  |  |
| ZOKEL (FAF)  |        |     | JUXOL/1.90 NM TO RW23 (TF) (FB) (RNP 0.30)                 |        |     | 234.50 / 3.26       |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| JUXOL/1.90 NM TO RW23  |        |     | RW23 (MAP) (TF) (FO) (RNP 0.30)                            |        |     | 234.50 / 1.90       |   |       |          |  |     | ADDITIONAL FLIGHT DATA:<br>HOLD SW, RT, 054.34 INBOUND.<br>CHART FAS OBST: 1379 TRANSMISSION_LINE<br>404525N/0824157W, 1320 TREE<br>404534N/0824236W.<br>WAAS CHANNEL # 57923<br>REFERENCE PATH ID: W23A<br>ZOKEL TO RW23: 3.00/40.<br>LTP HAE: 337.3 M |        |     |         |  |  |  |  |  |  |
| (SEE FORM 8260-10)   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 2. PROFILE STARTS AT HESVU   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 3. FAC: 234.50 FAF: ZOKEL DIST FAF TO MAP: 5.16 THLD: 5.16   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 4. MIN. ALT: HESVU 3000, ZOKEL 2900, JUXOL/1.90 NM TO RW23 1860  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| 8. MSA FROM: RW23 3000   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| MAG VAR: 7W EPOCH YEAR: 2010   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| MINIMUMS   |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT  |        |     |  |        |     |                     |   |       |          |  |     | ALTERNATE: N A X  |        |     |         |  |  |  |  |  |  |
| CATEGORY ==>   |        | A   |  |        | B   |                     |   | C     |          |  | D   |   |        | E   |         |  |  |  |  |  |  |
|  | DH/MDA | VIS | HAT/HAA  | DH/MDA | VIS | HAT/HAA             | DH/MDA  | VIS   | HAT/HAA  | DH/MDA   | VIS | HAT/HAA   | DH/MDA | VIS | HAT/HAA |  |  |  |  |  |  |
| LP MDA   | 1620   | 1   | 396  | 1620   | 1   | 396                 | 1620  | 1 1/8 | 396      |  | NA  |   |        |     |         |  |  |  |  |  |  |
| LNAV MDA   | 1760   | 1   | 536  | 1760   | 1   | 536                 | 1760  | 1 5/8 | 536      |  | NA  |   |        |     |         |  |  |  |  |  |  |
| CIRCLING   | 1800   | 1   | 576  | 1800   | 1   | 576                 | 1800  | 1 5/8 | 576      |  | NA  |   |        |     |         |  |  |  |  |  |  |
|  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
|  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
|  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
|  |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| NOTES:<br>CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>CHART NOTE: USE MANSFIELD ALTIMETER SETTING.<br>CHART NOTE: CIRCLING RWY 5 NA AT NIGHT. |        |     |  |        |     |                     |   |       |          |  |     |   |        |     |         |  |  |  |  |  |  |
| CITY AND STATE<br>GALION, OH   |        |     | ELEVATION: 1224 TDZE: 1224<br>AIRPORT NAME:<br>GALION MUNI |        |     |                     | FACILITY IDENTIFIER:<br>RNAV  |       |          | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 23, ORIG-B<br>1 FEBRUARY 2018 |     |   |        |     |         | SUP:<br>AMDT: ORIG-A<br>DATED 03/05/2015   |  |  |  |  |  |



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

| FROM       | TO                         | COURSE AND DISTANCE | ALTITUDE |
|------------|----------------------------|---------------------|----------|
| RW23 (MAP) | 1620 MSL (CA)              | 234.50              |          |
| 1620 MSL   | RICKO (DF) (FO) (RNP 1.00) |                     | 2900     |

QUALITY  
16  
CHECKED

CITY AND STATE

GALION, OH

ELEVATION: 1224  
AIRPORT NAME:

TDZE: 1224

GALION MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 23, ORIG-B  
1 FEBRUARY 2018

SUP:

AMDT: ORIG-A

DATED: 03/05/2015

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

|  |               |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KGQQ          |
| RUNWAY                                   | RW23          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W23A          |
| LTP/FTP LATITUDE                         | 404523.9015N  |
| LTP/FTP LONGITUDE                        | 0824308.8760W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +03373        |
| FPAP LATITUDE                            | 404423.6320N  |
| FPAP LONGITUDE                           | 0824435.2645W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00040.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1688          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 0.0           |

**CRC REMAINDER**

EC30826D

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K5     |
| LTP ORTHOMETRIC HEIGHT  | +03714 |
| FPAP ORTHOMETRIC HEIGHT | +03714 |

QUALITY  
16  
CHECKED

|                                  |   |                                   |                                     |  |                   |
|----------------------------------|---|-----------------------------------|-------------------------------------|--|-------------------|
| CITY AND STATE<br><br>GALION, OH | ELEVATION: 1224<br>AIRPORT NAME:<br><br>GALION MUNI | TDZE: 1224<br><br><br>GALION MUNI | FACILITY<br>IDENTIFIER:<br><br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><br>RNAV (GPS) RWY 23, ORIG-B<br><br>1 FEBRUARY 2018 | SUP:              |
|                                  |   |                                   |                                     |  | AMDT: ORIG-A      |
|                                  |   |                                   |                                     |  | DATED: 03/05/2015 |