

|  |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
|--|-----------------------------------|----------------------------|---------|--|-----|---------------------------|----------|--|--|------------------------|-----|------------------|--------|------------------|---------|--|--|
| <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR PART 97.33</b>   |                                   |                            |         | 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. |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| <b>TERMINAL ROUTES</b>   |                                   |                            |         |  |     |                           |          |  |  | <b>MISSED APPROACH</b> |     |                  |        |                  |         |  |  |
| FROM   | TO                                |                            |         | COURSE AND DISTANCE  |     |                           | ALTITUDE |  | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW02<br><br>CLIMB TO 5000 DIRECT WAGIX AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD N, RT, 195.71 INBOUND.<br>CHART FAS OBST: 3339 TREE 370533N/1012547W, 3164<br>ROAD 370913N/1012248W.<br>DISTANCE TO THLD FROM 250 HAT: 0.64 NM.<br>CHART VDP AT 1.37 NM TO RW02*<br>*LNAV ONLY.<br>WAAS CHANNEL # 63003<br>REFERENCE PATH ID: W02A<br>CHART CIRCLING ICON.<br>LTP HAE: 929 M |                        |     |                  |        |                  |         |  |  |
| LBL VORTAC   | UBICI (TF) (FB) (RNP 2.00)        |                            |         | 243.43 / 20.83   |     |                           | 5000     |  |  |                        |     |                  |        |                  |         |  |  |
| UBICI (IAF)  | OVAME (NOPT) (TF) (FB) (RNP 1.00) |                            |         | 285.65 / 5.00  |     |                           | 5000     |  |  |                        |     |                  |        |                  |         |  |  |
| BRAKR (IAF)  | OVAME (NOPT) (TF) (FB) (RNP 1.00) |                            |         | 355.43 / 14.78   |     |                           | 5000     |  |  |                        |     |                  |        |                  |         |  |  |
| OVAME (IF/IAF)   | WATRI (TF) (FB) (RNP 1.00)        |                            |         | 015.59 / 6.37  |     |                           | 5000     |  |  |                        |     |                  |        |                  |         |  |  |
| WATRI (FAF)  | RW02 (MAP) (TF) (FO) (RNP 0.30)   |                            |         | 015.62 / 5.63  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| (SEE FORM 8260-10)   |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)<br>2. HOLD S OVAME, RT, 015.59 INBOUND, 5000 FT. IN LIEU OF PT (IAF)<br>3. FAC: 015.62 FAF: WATRI DIST FAF TO MAP: 5.63 THLD: 5.63<br>4. MIN. ALT: OVAME 5000, WATRI 5000<br>5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____<br>6. MIN GS INCPT: 5000 GS ALT AT: WATRI 5000 OM: _____ MM: _____ IM: _____<br>7. GS ANGLE: 3.00 TCH: 45.0 20:1 IS CLEAR 34:1 IS CLEAR<br>8. MSA FROM: RW02 5100 |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
|  |                                   |                            |         |  |     |                           |          |  |  | MAG VAR: 9E            |     |                  |        | EPOCH YEAR: 1985 |         |  |  |
| <b>MINIMUMS</b>  |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT  |                                   |                            |         |  |     |                           |          |  |  | ALTERNATE: N A         |     | STANDARD @       |        |                  |         |  |  |
| 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 |  |  |
| LPV DA   | 3383                              | 1                          | 250     | 3383   | 1   | 250                       | 3383     | 1                                      | 250  |                        | NA  |                  |        |                  |         |  |  |
| LNAV/VNAV DA   | 3424                              | 1                          | 291     | 3424   | 1   | 291                       | 3424     | 1                                      | 291  |                        | NA  |                  |        |                  |         |  |  |
| LNAV MDA   | 3600                              | 1                          | 467     | 3600   | 1   | 467                       | 3600     | 1 3/8                                  | 467  |                        | NA  |                  |        |                  |         |  |  |
| CIRCLING   | 3660                              | 1                          | 526     | 3660   | 1   | 526                       | 3980     | 2 1/2                                  | 846  |                        | NA  |                  |        |                  |         |  |  |
|  |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
|  |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| NOTES:<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C OR ABOVE 54C. @ CAT C 900-2 1/2<br>CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.<br>CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).<br>CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LBL VORTAC ON AIRWAY RADIALS 184 CW 300.<br>PBN REQUIREMENTS NOTE: RNP APCH   |                                   |                            |         |  |     |                           |          |  |  |                        |     |                  |        |                  |         |  |  |
| CITY AND STATE   |                                   | ELEVATION: 3134 TDZE: 3133 |         |  |     | FACILITY IDENTIFIER: RNAV |          | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: |  |                        |     | SUP:             |        |                  |         |  |  |
| HUGOTON, KS  |                                   | AIRPORT NAME:              |         |  |     | RNAV                      |          | RNAV (GPS) RWY 2, ORIG-A               |  |                        |     | AMDT: ORIG       |        |                  |         |  |  |
|  |                                   | HUGOTON MUNI               |         |  |     |                           |          | 24 MAY 2018                            |  |                        |     | DATED 07/05/2007 |        |                  |         |  |  |



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - 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, (CONT.):

| FROM       | TO                         | COURSE AND DISTANCE | ALTITUDE |
|------------|----------------------------|---------------------|----------|
| RW02 (MAP) | 3383 MSL (CA)              | 015.62              |          |
| 3383 MSL   | WAGIX (DF) (FO) (RNP 1.00) |                     | 5000     |

QUALITY  
20  
CHECKED

CITY AND STATE  
HUGOTON, KS

ELEVATION: 3134 TDZE: 3133  
AIRPORT NAME:  
HUGOTON MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 2, ORIG-A  
24 MAY 2018

SUP:  
AMDT: ORIG  
DATED: 07/05/2007

**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                       | KHQG          |
| RUNWAY                                   | RW02          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W02A          |
| LTP/FTP LATITUDE                         | 370919.9925N  |
| LTP/FTP LONGITUDE                        | 1012228.3565W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +09290        |
| FPAP LATITUDE                            | 371041.0720N  |
| FPAP LONGITUDE                           | 1012141.8560W |
| 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                            | 1224          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

**CRC REMAINDER**

B3891AFD

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K3     |
| LTP ORTHOMETRIC HEIGHT  | +09550 |
| FPAP ORTHOMETRIC HEIGHT | +09550 |

QUALITY  
20  
CHECKED

|                                   |  |                                     |   |                        |
|-----------------------------------|--|-------------------------------------|---|------------------------|
| CITY AND STATE<br><br>HUGOTON, KS | ELEVATION: 3134      TDZE: 3133<br>AIRPORT NAME:<br><br>HUGOTON MUNI | FACILITY<br>IDENTIFIER:<br><br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><br>RNAV (GPS) RWY 2, ORIG-A<br>24 MAY 2018 | SUP:                   |
|                                   |  |                                     |   | AMDT:      ORIG        |
|                                   |  |                                     |   | DATED:      07/05/2007 |