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|--|--------|---|---------|------------------------------|-------|--|--------|---|---------|------------------------|-------|---------------------------------|--------|-----|---------|
| 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. | | | | | | | | | |
| US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | | | | | | | | | | | | | | |
| TERMINAL ROUTES | | | | | | | | | | MISSED APPROACH | | | | | |
| FROM | | TO | | COURSE AND DISTANCE | | ALTITUDE | | LPV: DA LNAV/VNAV: DA LNAV: RW17 | | | | | | | |
| UYALE (IAF) | | ZAVEK (NOPT) (FB) | | 263.95 / 5.00 | | 4600 | | CLIMB TO 4500 DIRECT OMVUE AND HOLD. | | | | | | | |
| PEVCI (IAF) | | ZAVEK (NOPT) (FB) | | 083.83 / 5.00 | | 4600 | | | | | | | | | |
| ZAVEK (IF/IAF) | | NOGVE (FB) | | 173.89 / 6.10 | | 4500 | | | | | | | | | |
| NOGVE (FAF) | | ZAPAP/2.70 NM TO RW17 (FB) | | 173.89 / 2.17 | | | | | | | | | | | |
| ZAPAP/2.70 NM TO RW17 | | RW17 (MAP) (FO) | | 173.89 / 2.70 | | | | | | | | | | | |
| RW17 (MAP) | | 3128 MSL | | 173.89 | | | | ADDITIONAL FLIGHT DATA: HOLD S, RT, 353.89 INBOUND. CHART FAS OBST: 3009 TREE 370520N/1005750W CHART 3119 TREE 370737N/1005718W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.10 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 78205 REFERENCE PATH ID: W17A CHART CIRCLING ICON. LTP HAE: 850.5 M | | | | | | | |
| 3128 MSL | | OMVUE (FO) | | | | 4500 | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) | | | | | | | | | | | | MAG VAR: 6E EPOCH YEAR: 2015 | | | |
| 2. HOLD N ZAVEK, RT, 173.89 INBOUND, 4600 FT. IN LIEU OF PT (IAF) | | | | | | | | | | | | | | | |
| 3. FAC: 173.89 FAF: NOGVE DIST FAF TO MAP: 4.87 THLD: 4.87 | | | | | | | | | | | | | | | |
| 4. MIN. ALT: ZAVEK 4600, NOGVE 4500, ZAPAP/2.70 NM TO RW17 3780* | | | | | | | | | | | | | | | |
| 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ | | | | | | | | | | | | | | | |
| 6. MIN GS INCPT: 4500 GS ALT AT: NOGVE 4500 OM: _____ MM: _____ IM: _____ | | | | | | | | | | | | | | | |
| 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR | | | | | | | | | | | | | | | |
| 8. MSA FROM: _____ | | | | | | | | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | |
| 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 | 3128 | 3/4 | 250 | 3128 | 3/4 | 250 | 3128 | 3/4 | 250 | 3128 | 3/4 | 250 | | | |
| LNAV/VNAV DA | 3320 | 1 1/2 | 442 | 3320 | 1 1/2 | 442 | 3320 | 1 1/2 | 442 | 3320 | 1 1/2 | 442 | | | |
| LNAV MDA | 3260 | 1 | 382 | 3260 | 1 | 382 | 3260 | 1 1/8 | 382 | 3260 | 1 1/8 | 382 | | | |
| | | | | | | | | | | | | | | | |
| CIRCLING | 3260 | 1 | 374 | 3340 | 1 | 454 | 3340 | 1 1/2 | 454 | 3440 | 2 | 554 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 53C (128F). CHART NOTE: CIRCLING NA EAST OF RWY 17-35. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10) | | | | | | | | | | | | | | | |
| CITY AND STATE LIBERAL, KS | | ELEVATION: 2886 TDZE: 2878 AIRPORT NAME: LIBERAL MID-AMERICA RGNL | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG-A 8 JANUARY 2015 | | | | SUP: | | | | | |
| | | | | | | | | | | AMDT: ORIG | | | | | |
| | | | | | | | | | | DATED 08/30/2007 | | | | | |

QUALITY
 4
 CHECKED

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

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUYMON MUNI ALTIMETER SETTING: INCREASE

ALL DA 112 FEET AND ALL MDA 120 FEET; INCREASE ALL VISIBILITIES 3/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING GUYMON MUNI ALTIMETER SETTING.

CHART NOTE: BARO-VNAV NA WHEN USING GUYMON MUNI ALTIMETER SETTING.

TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 084/30 CW 264/30 (NOPT) | 084/5 CW 264/5 | 4800 |
| | 084/5 CW 264/5 | ZAVEK (IF/IAF) (FB) | 4600 |
| 2. | 264/30 CW 354/30 | UYALE (IAF) (FB) | 4600 |
| 3. | 354/30 CW 084/30 | 354/8 CW 084/8 | 4900 |
| 4. | 354/8 CW 084/8 | PEVCI (IAF) (FB) | 4600 |

CITY AND STATE

LIBERAL, KS

ELEVATION: 2886

TDZE: 2878

AIRPORT NAME:

LIBERAL MID-AMERICA RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG-A

8 JANUARY 2015

SUP:

AMDT:

DATED: 08/30/2007

QUALITY

4

ORIG

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

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

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KLBL |
| RUNWAY | RW17 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W17A |
| LTP/FTP LATITUDE | 370314.1920N |
| LTP/FTP LONGITUDE | 1005723.1705W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +08505 |
| FPAP LATITUDE | 370144.9790N |
| FPAP LONGITUDE | 1005722.9545W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00050.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0584 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER

F9559230

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K3 |
| LTP ORTHOMETRIC HEIGHT | +08772 |
| FPAP ORTHOMETRIC HEIGHT | +08772 |

CITY AND STATE

LIBERAL, KS

ELEVATION: 2886

TDZE: 2878

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LIBERAL MID-AMERICA RGNL

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RNAV

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ORIG

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[illegible]

| | | | | |
|-----------------------------------|---|-------------------------------------|---|-----------------------|
| CITY AND STATE LIBERAL, KS | ELEVATION: 2886 | TDZE: 2878 | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG-A 8 JANUARY 2015 | SUP: 4 |
| | AIRPORT NAME: LIBERAL MID-AMERICA RGNL | FACILITY IDENTIFIER: RNAV | | AMDT: ORIG |
| | | | | DATED: 08/30/2007 |

| U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION | | | | | | | | 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. | | | | |
|---|------------|-------|-------|-------------|------|--------------|-------|--|----------------|--------------|----------|----------|
| RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE | | | | | | | | | | | | |
| FLIGHT STANDARDS SERVICES - FAR PART 97.33 | | | | | | | | | | | | |
| ARINC SUMMARY - 424-18 - RNAV (GPS) | | | | | | | | | | | | |
| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
| | PEVCI | PEVCI | 010 | IAF | IF | | FB | | | | | |
| | PEVCI | ZAVEK | 020 | | TF | | FB | 1.0 | 083.8 (089.8T) | 005.0 | AA 04600 | |
| | UYALE | UYALE | 010 | IAF | IF | | FB | | | | | |
| | UYALE | ZAVEK | 020 | | TF | | FB | 1.0 | 264.0 (270.0T) | 005.0 | AA 04600 | |
| | ZAVEK | ZAVEK | 010 | IAF | HF | R | FO | | 173.9 (179.9T) | 005.0 | AA 04600 | |
| | | ZAVEK | 010 | FACF | IF | | FB | | | | AA 04600 | |
| | | NOGVE | 020 | FAF | TF | | FB | 0.5 | 173.9 (179.9T) | 006.1 | AA 04500 | |
| | | ZAPAP | 021 | SDF | TF | | FB | 0.3 | 173.9 (179.9T) | 002.2 | AA 03780 | GS 03793 |
| | | RW17 | 030 | MAP | TF | | FO | 0.3 | 173.9 (179.9T) | 002.7 | AT 02928 | |
| MISSED APPROACH | | | | | | | | | | | | |
| | | | 040 | | CA | | FB | | 173.9 (179.9T) | | AA 03128 | |
| | | OMVUE | 050 | | DF | | FO | | | | AA 04500 | |
| | | OMVUE | 060 | | HM | R | FO | | 353.9 (359.9T) | 005.0 | AA 04500 | |
| POINT DATA | | | | | | | | | | | | |
| | WAYPOINT | | | LAT IN SECS | | LONG IN SECS | | LAT IN MINS | | LONG IN MINS | | |
| | | NOGVE | | N370806.91 | | W1005723.88 | | N3708.115 | | W10057.398 | | |
| | | OMVUE | | N364940.06 | | W1005721.23 | | N3649.668 | | W10057.354 | | |
| | | PEVCI | | N371412.63 | | W1010340.44 | | N3714.211 | | W10103.674 | | |
| | | UYALE | | N371413.78 | | W1005109.08 | | N3714.230 | | W10051.151 | | |
| | | ZAPAP | | N370556.41 | | W1005723.57 | | N3705.940 | | W10057.393 | | |
| | | ZAVEK | | N371413.37 | | W1005724.76 | | N3714.223 | | W10057.413 | | |
| | | RW17 | | N370314.19 | | W1005723.17 | | N3703.237 | | W10057.386 | | |
| RUNWAY DATA | | | | | | | | | | | | |
| | | | | THRESHOLD | | | | | | | | |
| | RWY | | | ELEVATION | | TCH | | | | | | |
| | RW17 | | 02878 | | | 50 | | | | | | |

| | | | | | |
|-------------------------------|---|------------|----------------------|--|--|
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| | AIRPORT NAME: LIBERAL MID-AMERICA RGNL | | RNAV | RNAV (GPS) RWY 17, ORIG-A | 4 |
| | | | | 8 JANUARY 2015 | AMDT: CHECKED |
| | | | | | DATED: 08/30/2007 |