

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>AIRPORT ID</u><br>KLIC        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 34 | <u>ORIGINAL/AMENDMENT</u><br>ORIG            | <u>CITY</u><br>LIMON                      | <u>STATE</u><br>CO    |                      |                           |
| <u>AIRPORT ELEVATION</u><br>5374 | <u>TDZE</u><br>5365                        | <u>SUPERSEDED</u>                            | <u>ORIGINAL/AMENDMENT</u><br>NONE         | <u>DATED</u>          | <u>MAG VAR</u><br>7E | <u>EPOCH YEAR</u><br>2025 |
| <u>FACILITY</u><br>RNAV          | <u>COORDINATES OF FACILITIES</u>           | <u>ACTUAL EFFECTIVE DATE</u><br>14 JULY 2022 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u> |                      |                           |

**TERMINAL ROUTES**

| <u>FROM</u> | <u>FIX TYPE</u> | <u>TO</u> | <u>FIX TYPE</u> | <u>LEG TYPE</u> | <u>FO/FB</u> | <u>RNP</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| LOOKA       | IAF             | RARAY     | NOPT            | TF              | FB           | 1.00       | 252.75        | 10.00           | 7400            |
| WIETT       | IAF             | RARAY     | NOPT            | TF              | FB           | 1.00       | 072.49        | 10.00           | 7400            |
| RARAY       | IF/IAF          | ZEAKO     |                 | TF              | FB           | 1.00       | 342.62        | 6.00            | 7000            |
| ZEAKO       | FAF             | RW34      | MAP             | TF              | FO           | 0.30       | 342.61        | 5.06            |                 |
| RW34        | MAP             | 5615 MSL  |                 | CA              |              |            | 342.61        |                 |                 |
| 5615 MSL    |                 | RARAY     |                 | DF              | FO           | 1.00       |               |                 | 7400            |

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW34

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING RIGHT TURN TO 7400 DIRECT RARAY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S RARAY, LT, 349.62 INBOUND, 7400 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAF: 342.61FAF: ZEAKO

DIST FAF TO MAP: 5.06

DIST FAF TO THLD: 5.06

4. MIN ALT: RARAY 7400, ZEAKO 7000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.71GS ANT:

6. MIN GP INCPT: 7000GP ALT AT PFAF : ZEAKO 7000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 39.0

8. MSA FROM: RW34 8200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

FAS OBST: 5740 AAO 391110N/1033908W.  
CHART VDP AT 1.91 NM TO RW34.  
WAAS CHANNEL # 42744  
REFERENCE PATH ID: W34A  
CHART CIRCLING ICON.  
LTP HAE: 1610.5 M

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| 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 |
| LPV DA       | 5615   | 3/4   | 250     | 5615   | 3/4   | 250     | 5615   | 3/4   | 250     |        | NA  |         |        |     |         |
| LNAV/VNAV DA | 5824   | 1 3/8 | 459     | 5824   | 1 3/8 | 459     | 5824   | 1 3/8 | 459     |        | NA  |         |        |     |         |
| LNAV MDA     | 6000   | 1     | 635     | 6000   | 1     | 635     | 6000   | 1 3/4 | 635     |        | NA  |         |        |     |         |
| CIRCLING     | 6000   | 1     | 626     | 6000   | 1     | 626     | 6220   | 2 1/2 | 846     |        | NA  |         |        |     |         |



CHANGES - REASONS

ORIGINAL PROCEDURE

AIRPORT ID  
KLIC

PROCEDURE NAME  
RNAV (GPS) RWY 34

ORIGINAL/AMENDMENT  
ORIG

CITY  
LIMON

STATE  
CO

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDV, AMGR

FLIGHT CHECKED BY

DANIEL C FAVORITE

*Digitally signed by*  
**CASIMIR L TABAKA**  
Apr 21, 2022

OFFICE

FPO

DATE

04/19/2022

DEVELOPED BY

APRIL SARMENTO

*Digitally signed by*  
**APRIL T SARMENTO**  
Mar 09, 2022

OFFICE

AJV-A432

DATE

02/18/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by*  
**CASIMIR L TABAKA**  
Mar 22, 2022

OFFICE

AJV-A430

DATE

TITLE  
MANAGER

QUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KLIC          |
| RUNWAY                                   | RW34          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W34A          |
| LTP/FTP LATITUDE                         | 391606.3970N  |
| LTP/FTP LONGITUDE                        | 1033951.7490W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +16105        |
| FPAP LATITUDE                            | 391734.1100N  |
| FPAP LONGITUDE                           | 1034012.4725W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00039.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1320          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| <br>                                     |               |
| CRC REMAINDER                            | 5569858A      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K2     |
| LTP ORTHOMETRIC HEIGHT  | +16303 |
| FPAP ORTHOMETRIC HEIGHT | +16303 |

QUALITY  
10  
CHECKED