

| | | | | | | | | | | | | | | | |
|---|----------------------------|-----|---------|--|-----|----------------|---------------------------|-----------------------------------|---|--|-----|---------|------------------|-----|---------|
| 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 | | | | | | | | MISSED APPROACH | | | | | | | |
| FROM | TO | | | COURSE AND DISTANCE | | | ALTITUDE | | LPV: DA LNAV/VNAV: DA LNAV: RW09 CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2000 DIRECT PLUMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 241.00 INBOUND. CHART FAS OBST: 258 TOWER 275956N/0820145W CHART LAKE PLACID MOA. DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.06 MILES TO RW09* *LNAV ONLY. WAAS CHANNEL # 78305 REFERENCE PATH ID: W09A LTP HAE: 14.5 M | | | | | | |
| GUUNR (IAF) | ARSHW (NOPT) (FB) | | | 183.76 / 5.84 | | | 2700 | | | | | | | | |
| BOMRR (IAF) | ARSHW (NOPT) (FB) | | | 003.76 / 5.84 | | | 2700 | | | | | | | | |
| ARSHW (IF/IAF) | FLYEN (FB) | | | 093.76 / 6.00 | | | 1700 | | | | | | | | |
| FLYEN (FAF) | SUNFN/1.90 NM TO RW09 (FB) | | | 093.81 / 2.86 | | | | | | | | | | | |
| SUNFN/1.90 NM TO RW09 | RW09 (MAP) (FO) | | | 093.81 / 1.90 | | | | | | | | | | | |
| RW09 (MAP) | 1100 MSL | | | 093.81 | | | 1100 | | | | | | | | |
| 1100 MSL | PLUMY (FO) | | | | | | 2000 | | | | | | | | |
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W ARSHW, RT, 093.76 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>093.81</u> FAF: <u>FLYEN</u> DIST FAF TO MAP: <u>4.76</u> THLD: <u>4.76</u> 4. MIN. ALT: ARSHW 2700, FLYEN 1700, SUNFN/1.90 NM TO RW09 780* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: FLYEN 1700 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.8</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u> | | | | | | | | MAG VAR: 4W EPOCH YEAR: 2000 | | | | | | | |
| 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 | 332 | 1/2 | 200 | 332 | 1/2 | 200 | 332 | 1/2 | 200 | 332 | 1/2 | 200 | | | |
| LNAV/VNAV DA | 439 | 1/2 | 307 | 439 | 1/2 | 307 | 439 | 1/2 | 307 | 439 | 1/2 | 307 | | | |
| LNAV MDA | 520 | 1/2 | 388 | 520 | 1/2 | 388 | 520 | 5/8 | 388 | 520 | 5/8 | 388 | | | |
| CIRCLING | 600 | 1 | 458 | 660 | 1 | 518 | 660 | 1 1/2 | 518 | 700 | 2 | 558 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE AT GUUNR : MAX 210 KIAS. CHART PLANVIEW NOTE AT BOMRR : MAX 210 KIAS. (SEE FORM 8260-10) | | | | | | | | | | | | | | | |
| CITY AND STATE | | | | ELEVATION: 142 THRE: 132 | | | FACILITY IDENTIFIER: RNAV | | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | SUP: | | |
| LAKELAND, FL | | | | AIRPORT NAME: | | | | | | RNAV (GPS) RWY 9, AMDT 2A | | | AMDT: 2 | | |
| | | | | LAKELAND LINDER RGNL | | | | | | 6 FEBRUARY 2014 | | | DATED 12/12/2013 | | |

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: BARO-VNAV AND VDP NA WHEN USING PLANT CITY ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PLANT CITY ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY AND LNAV CATS C/D VISIBILITY 1/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/8.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PLANT CITY ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1.

TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 004/30 CW 184/30 (NOPT) | ARSHW (IF/IAF) (FB) | 2700 |
| 2. | 184/30 CW 274/30 | GUUNR (IAF) (FB) | 2700 |
| 3. | 274/30 CW 004/30 | 274/20 CW 004/20 | 2800 |
| 4. | 274/20 CW 004/20 | BOMRR (IAF) (FB) | 2700 |



| | | | | | |
|--------------------------------|----------------------|-----------|---------------------------------|---|-------------------|
| CITY AND STATE LAKELAND, FL | ELEVATION: 142 | THRE: 132 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 2A 6 FEBRUARY 2014 | SUP: |
| | AIRPORT NAME: | | | | AMDT: 2 |
| | LAKELAND LINDER RGNL | | | | DATED: 12/12/2013 |

**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 | KLAL |
| RUNWAY | RW09 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W09A |
| LTP/FTP LATITUDE | 275921.2540N |
| LTP/FTP LONGITUDE | 0820201.9260W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00145 |
| FPAP LATITUDE | 275921.4800N |
| FPAP LONGITUDE | 0820021.2800W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00051.8 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0160 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |

CRC REMAINDER

B60B06A7

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K7 |
| LTP ORTHOMETRIC HEIGHT | +00402 |
| FPAP ORTHOMETRIC HEIGHT | +00402 |

CITY AND STATE

LAKELAND, FL

ELEVATION: 142

THRE: 132

AIRPORT NAME:

LAKELAND LINDER RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, AMDT 2A
6 FEBRUARY 2014

SUP:

AMDT:

2

DATED:

12/12/2013

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.

[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|--------------------|----|-------|------------|----------|---|------------|----------|---|---|-----|
| SUSAP | KLALK7FR09 | AARSHW | 010ARSHWK7EA0EE | AR | HF | | 09380040 | + | 02700 | 18000 | | A | JS |
| SUSAP | KLALK7FR09 | ABOMRR | 010BOMRRK7EA0E | A | IF | | | | | 18000210 | | A | -JS |
| SUSAP | KLALK7FR09 | ABOMRR | 020ARSHWK7EA0EE | B | 010TF | | 00380058 | + | 02700 | | | A | JS |
| SUSAP | KLALK7FR09 | AGUUNR | 010GUUNRK7EA0E | A | IF | | | | | 18000210 | | A | -JS |
| SUSAP | KLALK7FR09 | AGUUNR | 020ARSHWK7EA0EE | B | 010TF | | 18380058 | + | 02700 | | | A | JS |
| SUSAP | KLALK7FR09 | R | 010ARSHWK7EA0E | I | IF | | | + | 02700 | 18000 | | A | JS |
| SUSAP | KLALK7FR09 | R | 020FLYENK7EA1E | F | 051TF | | 09380060 | + | 01700 | | | A | JS |
| SUSAP | KLALK7FR09 | R | 020FLYENK7EA2WALPV | | | ALNAV/VNAV | ALNAV | | | | | | JS |
| SUSAP | KLALK7FR09 | R | 021SUNFNK7EA0E | S | 031TF | | 09380029 | V | 0078000788 | -300 | | A | JS |
| SUSAP | KLALK7FR09 | R | 030RW09 K7PG0GY | M | 031TF | | 09380019 | | 00184 | -300 | | A | JS |
| SUSAP | KLALK7FR09 | R | 040 | 0 | M | CA | 0938 | + | 01100 | | | A | JS |
| SUSAP | KLALK7FR09 | R | 050PLUMYK7EA0EY | | DF | | | + | 02000 | | | A | JS |
| SUSAP | KLALK7FR09 | R | 060PLUMYK7EA0EE | R | HM | | 24100040 | + | 02000 | | | A | JS |

[illegible][illegible]

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | ARSHW | ARSHW | 010 | IAF | HF | R | FO | | 093.8 (089.8T) | 004.0 | AA 02700 | |
| | BOMRR | BOMRR | 010 | IAF | IF | | FB | | | | | AB 210 |
| | BOMRR | ARSHW | 020 | | TF | | FB | 1.0 | 003.8 (359.8T) | 005.8 | AA 02700 | |
| | GUUNR | GUUNR | 010 | IAF | IF | | FB | | | | | AB 210 |
| | GUUNR | ARSHW | 020 | | TF | | FB | 1.0 | 183.8 (179.8T) | 005.8 | AA 02700 | |
| | | ARSHW | 010 | FACF | IF | | FB | | | | AA 02700 | |
| | | FLYEN | 020 | FAF | TF | | FB | 0.5 | 093.8 (089.8T) | 006.0 | AA 01700 | |
| | | SUNFN | 021 | SDF | TF | | FB | 0.3 | 093.8 (089.8T) | 002.9 | AA 00780 | GS 00788 |
| | | RW09 | 030 | MAP | TF | | FO | 0.3 | 093.8 (089.8T) | 001.9 | AT 00184 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 093.8 (089.8T) | | AA 01100 | |
| | PLUMY | 050 | | DF | | FO | | | | AA 02000 | |
| | PLUMY | 060 | | HM | R | FO | | 241.0 (237.0T) | 004.0 | AA 02000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | ARSHW | N275919.02 | W0821411.19 | N2759.317 | W08214.187 |
| | BOMRR | N275327.67 | W0821409.51 | N2753.461 | W08214.159 |
| | FLYEN | N275920.39 | W0820724.86 | N2759.340 | W08207.414 |
| | GUUNR | N280510.37 | W0821412.88 | N2805.173 | W08214.215 |
| | PLUMY | N281015.23 | W0820749.94 | N2810.254 | W08207.832 |
| | SUNFN | N275920.93 | W0820410.70 | N2759.349 | W08204.178 |
| | RW09 | N275921.25 | W0820201.93 | N2759.354 | W08202.032 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|------------------------|-----|
| | RW09 | 00132 | 51 |



| | | | | |
|---------------------------------------|--|--|---|--------------------------|
| CITY AND STATE LAKELAND, FL | ELEVATION: 142 THRE: 132 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 2A 6 FEBRUARY 2014 | SUP: |
| | AIRPORT NAME: LAKELAND LINDER RGNL | | | AMDT: 2 |
| | | | | DATED: 12/12/2013 |