

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33

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| TERMINAL ROUTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                        |          | MISSED APPROACH                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------|--------|-----|------------------|--------|-----|---------|
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TO                         | COURSE AND DISTANCE    | ALTITUDE |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| RBV VORTAC (IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | JULID (FB)                 | 252.25 / 16.11         | 1800     | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW19<br><br>CLIMB TO 2000 DIRECT KEBLE AND ON TRACK 180.02 TO INNEZ AND HOLD.                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| JULID (IF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CILAN (FB)                 | 204.69 / 3.50          | 1400     |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| CILAN (FAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WUSOM/1.70 NM TO RW19 (FB) | 190.70 / 2.40          |          | <b>ADDITIONAL FLIGHT DATA:</b><br>HOLD E, RT, 280.00 INBOUND.<br>CHART FAS OBST: 191 TRMSN TWR 395636N/0744913W<br>379 AAO 400009N/0744718W.<br>CHART 278 TOWER 395915N/0744818W.<br>CHART MOUNT HOLLY ASOS<br>CHART A-220.<br>CHART R-5001 A & B.<br>DISTANCE TO THLD FROM 304 HATH: 0.81 NM.<br>CHART VDP AT 1.15 MILES TO RW19*<br>*LNAV ONLY.<br>WAAS CHANNEL # 77828<br>REFERENCE PATH ID: W19A<br>LTP HAE: -17.7 M |       |                                           |        |     |                  |        |     |         |
| WUSOM/1.70 NM TO RW19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RW19 (MAP) (FO)            | 190.70 / 1.70          |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| RW19 (MAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 353 MSL                    | 190.70                 |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| 353 MSL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | KEBLE (FB)                 |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| KEBLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | INNEZ (FO)                 | 180.02 / 5.06          | 2000     |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. PROFILE STARTS AT JULID<br>3. FAC: <u>190.70</u> FAF: <u>CILAN</u> DIST FAF TO MAP: <u>4.10</u> THLD: <u>4.10</u><br>4. MIN. ALT: <u>JULID 1800, CILAN 1400, WUSOM/1.70 NM TO RW19 620*</u><br>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><br>6. MIN GS INCPT: <u>1400</u> GS ALT AT: <u>CILAN 1400</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR<br>8. MSA FROM: <u>RW19 2600</u> |                            |                        |          | MAG VAR: 13W EPOCH YEAR: 2000                                                                                                                                                                                                                                                                                                                                                                                            |       |                                           |        |     |                  |        |     |         |
| 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 |
| LPV DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 415                        | 1 1/4                  | 366      | 415                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 1/4 | 366                                       |        | NA  |                  |        | NA  |         |
| LNAV/VNAV DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 353                        | 1                      | 304      | 353                                                                                                                                                                                                                                                                                                                                                                                                                      | 1     | 304                                       |        | NA  |                  |        | NA  |         |
| LNAV MDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 460                        | 1                      | 411      | 460                                                                                                                                                                                                                                                                                                                                                                                                                      | 1     | 411                                       |        | NA  |                  |        | NA  |         |
| CIRCLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 500                        | 1                      | 451      | 500                                                                                                                                                                                                                                                                                                                                                                                                                      | 1     | 451                                       |        | NA  |                  |        | NA  |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| <b>NOTES:</b><br>CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 1 NA AT NIGHT.<br>CHART NOTE: BARO-VNAV NA WHEN USING NORTHEAST PHILADELPHIA ALTIMETER SETTING.<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>(SEE FORM 8260-10)                                                                                                                                                                                                                                                                                                                                                                            |                            |                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     |                  |        |     |         |
| CITY AND STATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                            | ELEVATION: 49 THRE: 49 |          | FACILITY IDENTIFIER:                                                                                                                                                                                                                                                                                                                                                                                                     |       | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:    |        |     | SUP:             |        |     |         |
| LUMBERTON, NJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            | AIRPORT NAME:          |          | RNAV                                                                                                                                                                                                                                                                                                                                                                                                                     |       | RNAV (GPS) RWY 19, AMDT 1<br>26 JULY 2012 |        |     | AMDT: ORIG       |        |     |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            | FLYING W               |          |                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                                           |        |     | DATED 09/04/2003 |        |     |         |



RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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## NOTES, (CONT.):

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WITH NORTHEAST PHILADELPHIA ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RBV VORTAC ON AIRWAY RADIALS 238 CW 330.

CHART NOTE: USE MOUNT HOLLY ALTIMETER SETTING, WHEN NOT RECEIVED USE NORTHEAST PHILADELPHIA  
ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS  
VISIBILITY 1/8 MILE.

CITY AND STATE

LUMBERTON, NJ

ELEVATION: 49

THRE: 49

AIRPORT NAME:

FLYING W

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, AMDT 1

26 JULY 2012

SUP:

AMDT: ORIG

DATED: 09/04/2003

QUALITY  
4  
CHECKED

**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                       | N14           |
| RUNWAY                                   | RW19          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W19A          |
| LTP/FTP LATITUDE                         | 395620.6940N  |
| LTP/FTP LONGITUDE                        | 0744826.8515W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | -00177        |
| FPAP LATITUDE                            | 395451.5900N  |
| FPAP LONGITUDE                           | 0744822.2000W |
| 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                            | 1688          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

**CRC REMAINDER**

DE693EFD

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K6     |
| LTP ORTHOMETRIC HEIGHT  | +00150 |
| FPAP ORTHOMETRIC HEIGHT | +00150 |

CITY AND STATE

LUMBERTON, NJ

ELEVATION: 49

THRE: 49

AIRPORT NAME:

FLYING W

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, AMDT 1

26 JULY 2012

SUP:

AMDT: ORIG

DATED: 09/04/2003

4  
CHECKED

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[illegible][illegible][illegible]

| SEGMENT          | 1    | 2                  | 3   | 4     | 5          | 6     | 7        | 8       | 9          | 0    | 1    | 2     | 3  |
|------------------|------|--------------------|-----|-------|------------|-------|----------|---------|------------|------|------|-------|----|
| SUSAP N14 K6FR19 | ARBV | 010RBV             | K6D | OV    | A          | IF    |          |         | 18000      |      |      | A     | JS |
| SUSAP N14 K6FR19 | ARBV | 020JULIDK6EA0EE    | B   | 010TF |            |       | 25230161 | + 01800 |            |      |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 010JULIDK6EA0E     | I   | IF    |            |       |          | + 01800 | 18000      |      |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 020CILANK6EA1E     | F   | 051TF |            |       | 20470035 | + 01400 |            |      | RW19 | K6PGA | JS |
| SUSAP N14 K6FR19 | R    | 020CILANK6EA2WALPV |     |       | ALNAV/VNAV | ALNAV |          |         |            |      |      |       | JS |
| SUSAP N14 K6FR19 | R    | 021WUSOMK6EA0E     | S   | 031TF |            |       | 19070024 | V       | 0062000635 | -300 |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 030RW19 K6PGOGY    | M   | 031TF |            |       | 19070017 |         | 00094      | -300 |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 040                | 0   | M     | CA         |       | 1907     | + 00353 |            |      |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 050KEBLEK6EA0E     |     | DF    |            |       |          |         |            |      |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 060INNEZK6EA0EY    |     | 010TF |            |       | 1800     | + 02000 |            |      |      | A     | JS |
| SUSAP N14 K6FR19 | R    | 070INNEZK6EA0EE    | R   | HM    |            |       | 28000040 | + 02000 |            |      |      | A     | JS |

[illegible][illegible]

|                                        |                      |                 |                      |                                            |                          |
|----------------------------------------|----------------------|-----------------|----------------------|--------------------------------------------|--------------------------|
| CITY AND STATE<br><b>LUMBERTON, NJ</b> | ELEVATION: <b>49</b> | THRE: <b>49</b> | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:                     |
|                                        | AIRPORT NAME:        |                 |                      | <b>RNAV (GPS) RWY 19, AMDT 1</b>           | AMDT: <b>ORIG</b>        |
|                                        | <b>FLYING W</b>      |                 | <b>RNAV</b>          | 26 JULY 2012                               | DATED: <b>09/04/2003</b> |

## RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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[illegible]

CITY AND STATE  
LUMBERTON, NJ

|               |          |
|---------------|----------|
| ELEVATION: 49 | THRE: 49 |
| AIRPORT NAME: | FLYING W |

FACILITY  
IDENTIFIER:  
  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 19, AMDT 1  
26 JULY 2012

|        |            |
|--------|------------|
| SUP:   |            |
| AMDT:  | ORIG       |
| DATED: | 09/04/2003 |

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG(TRUE)     | DISTANCE | ALTITUDE | SPEED    |
|--------|------------|-------|-----|------|------|------|-------|-----|---------------|----------|----------|----------|
|        | RBV        | RBV   | 010 | IAF  | IF   |      | FB    |     |               |          |          |          |
|        | RBV        | JULID | 020 |      | TF   |      | FB    | 1.0 | 252.3(239.3T) | 016.1    | AA 01800 |          |
|        |            | JULID | 010 | FACF | IF   |      | FB    |     |               |          | AA 01800 |          |
|        |            | CILAN | 020 | FAF  | TF   |      | FB    | 0.5 | 204.7(191.7T) | 003.5    | AA 01400 |          |
|        |            | WUSOM | 021 | SDF  | TF   |      | FB    | 0.3 | 190.7(177.7T) | 002.4    | AA 00620 | GS 00635 |
|        |            | RW19  | 030 | MAP  | TF   |      | FO    | 0.3 | 190.7(177.7T) | 001.7    | AT 00094 |          |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|---------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 190.7(177.7T) |          | AA 00353 |       |
|                 | KEBLE | 050 |     | DF   |      | FB    |     |               |          |          |       |
|                 | INNEZ | 060 |     | TF   |      | FO    | 1.0 | 180.0(167.0T) |          | AA 02000 |       |
|                 | INNEZ | 070 |     | HM   | R    | FO    |     | 280.0(267.0T) | 004.0    | AA 02000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | RBV      | N401208.65  | W0742942.09  | N4012.144   | W07429.702   |
|            | CILAN    | N400026.73  | W0744839.70  | N4000.446   | W07448.662   |
|            | INNEZ    | N394718.95  | W0744645.56  | N3947.316   | W07446.759   |
|            | JULID    | N400352.54  | W0744744.33  | N4003.876   | W07447.739   |
|            | KEBLE    | N395215.15  | W0744814.05  | N3952.253   | W07448.234   |
|            | WUSOM    | N395802.69  | W0744832.17  | N3958.045   | W07448.536   |
|            | RW19     | N395620.69  | W0744826.85  | N3956.345   | W07448.448   |

| RUNWAY DATA | RWY  | THRESHOLD<br>ELEVATION | TCH |
|-------------|------|------------------------|-----|
|             | RW19 | 00049                  | 45  |

CITY AND STATE  
LUMBERTON, NJ

ELEVATION: 49  
AIRPORT NAME: FLYING W  
THRE: 49

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 19, AMDT 1  
26 JULY 2012

SUP:  
AMDT: ORIG  
DATED: 09/04/2003